

In the Circuit Court for Multnomah County

Todd Giffen,

Petitioner.

Vs

Lane County District Attorney Alex Gardner,

Defendant.

Case No.

Motion for appointment of counsel and
waiver court costs, filing fees, and
expenditures.

Pursuant to Post Conviction Relief ORS 138.590 and case law, court costs, filing fees, and expenditures will be waived, and an attorney will be appointed for indigent petitioners before the petition is dismissed and the attorney will handle the case, and the court will hear the case.

Pursuant to Oregon Supreme Court case PERCY LEE WARE v. GUY HALL (2007), and the statute text, you have a right to be heard and have the required hearing per the statute. Me and my attorney have a right to have a hearing before dismissal can occur.

Petitioner moves for the court to waive court costs, filing fees, and expenditures.

This is supported by the declaration of indigency statement on my income/debt/bills/etc included.

Petitioner moves for the court to appoint suitable, skillful, experienced attorney/law firm commensurate with the nature of the conviction and complexity of the case with the considerations of the below facts and information.

In the courts order for appointment of counsel, the court should be aware that this is a second PCR but it is not successive and conditions from attorney abuse must be taken into consideration. To note, the first PCR was dismissed without prejudice and no lawyer was appointed at the time of dismissal. The dismissal occurred in Lane County Circuit Court by Judge Curtis Conover May 2016. The conditions of the dismissal are unknown, but the case is either a general dismissal without prejudice, or a dismissal without prejudice per the PCR statute § 138.525¹(4) (the judge never ruled the petition was meritless, and violated Oregon Appeals Court Precedent requiring specific information in the order of dismissal including his line of thinking and response to each claim and a reason for dismissal. it would appear when a case is dismissed with no lawyer, hearing, or decision it's without prejudice. The case is now on Appeal). As the case was dismissed without prejudice, the Petitioner is free to file the same petition again with the same claims and amend with new claims and information as has been done here.

General judgment of dismissal has effect of dismissing otherwise unresolved claims without prejudice. Interstate Roofing, Inc. v. Springville Corp., 217 Or App 412, 177 P3d 1 (2008),

modified 220 Or App 671, 188 P3d 359 (2008), modified 224 Or App 94, 197 P3d 27 (2008), overruled on other grounds, 347 Or 144, 218 P3d 113 (2009)

During the first PCR case, a conflict of interest with several lawyers was identified and entered. For example, Noel Grefenson the head of the Oregon Post Conviction Relief Consortium, was kicked off the case, and his group of multiple attorney's in the state are not allowed to represent me due to conflicts of interest against the group he leads and administers. However another problem arose, as Noel Grefenson actually hand picked my lawyers afterward after it was determined the Public Defender Services would appoint an attorney who was not part of his group, but the attorney Noel picked abused me, including Lawrence Taylor who slandered and abused me per my complaints, my private investigator Jennifer Maghinay and psychologist Dr. Seth Farber PhD who witnessed it and wrote statements to the fact highlighting the abuse in the previous case and to the Oregon State Bar. He sabotaged my PCR. Another lawyer was also likely chosen by Noel Grefenson with conflicts of interests named Lemar Carver- the lawyer had service in the US Navy and the Navy is linked conducting directed energy, mind control weapons testing on cities, mass populations and individuals including Eugene Oregon and Corvallis and many other towns and locations per evidence on the record with the Petition (see Register-Guard and Portland Journal articles from 1978 on Eugene Wavelength signals causing tortorous biological health effects from Alameda CA Navy base suggestive of whole brain control per the Northwest Center for Nonionizing Radiation, Dr. Robert Duncan material indicating whole towns have heard sounds placed in their heads by the Navy and that individual citizens are having remote renditions/remote interrogation/no touch torture applied electronically and remotely to them including his statement that I'm a target of the system, Alex Constantine Hearing Voices- Hearing "Voices" The Hidden History of the CIA's Electromagnetic Mind-Control Experiments on the record)- today they are linked to my abuse and running of surveillance/weapons systems known as ballistic missile defense, NSA space capability, satellite and radar systems, a worse than lethal directed energy weapon system for targeting innocent human beings domestically with Signals Intelligence and radiation, and he was also a former state employee/corrections officer at a penitentiary with ties to the abuse I complained about including performing policing, surveillance, and duties to control and manage prison populations in a way harmful to inmates and citizens- as a former state employee complicit with operations, he would lie about my abuse and cover it up like he did while working for the state, putting me at risk. He did abuse me by refusing to perform duties and refused to hire my private investigator Jennifer Maghinay. Noel Grefenson himself is a Salem City Municipal Judge, and he mis-handled a previous PCR related to this case. In a previous PCR case in 2007, he abused me. His office abused me. He gave me ill advise on the case, and called me a piss ant on the phone when I told him about abuse I was experiencing at OSH, including staffers ramsacking my legal paperwork marked by Noel himself as attorney-client-privilege and making copies illegally during illegal searches and seizures conducted over my legal claims against the state. Staff were trying to shut my legal cases down and sabotage them. Noel called me a piss ant, a derogatory term, which likely was because he has close ties to state hospital staff, state operation, and knew the complaints I was making were factual and true. He muttered it really quickly on the phone like an insult as he was passing me by on the street and heckling me,

intending to anger and upset me on purpose, and he would likely deny he said it afterward due to the seriousness, framing me to look mentally ill and gaslighting me. Gaslighting is a term to describe when someone does something to make someone look and feel insane, usually denied afterward, and done deliberately. He said it as I was telling him about abuse the hospital was doing to me, intending for me to hear it, and feel fear from him. Staff on the unit were targeting me with similar abuse. He had no intent to help me at all which is why I didn't get PCR relief, and he abused me so badly with OSH staff, he forced me to sign dismissal paperwork while I was in duress from it all and heavily injured by staff with medications and psychological warfare being done on me. As a judge, he is very familiar with the processes of the Oregon State Hospital, and sending citizens there to be drugged and injured against their will should they enter GEI pleas or use the 370 process. He is used to taking away citizens rights and allowing such abuse to occur, also as an attorney likely, he has likely submitted requests to have his clients drugged and sent to OSH like most attorney's in Oregon. He is buddies with Salem cops, state police, state workers, other judges, prosecutors and even city officials in the capitol. He should not be allowed to pick further attorneys for me, and his consortium should be banned again from representing me due to ties to him and loyalty- This argument was accepted in the prior case. His office staff abused me as well, telling me I was like talking to a wall, when I complained about abuse, and wondered why my lawyers weren't helping me. The abuses I faced at OSH were documented in records, in newspapers, and were well known, most prudent lawyers would find it ample evidence to be used against the state to achieve a desired resolution. It's leverage. But these lawyers have engaged in conspiracy against my civil rights, protected their own interest, prevented me from getting help due to close ties to these matters, and prevented the material from being used on purpose.

piss·ant

¹pis₁ant/

US *vulgar slang*

noun

noun: **piss-ant**

1. 1.

2. an insignificant or contemptible person or thing.

adjective

adjective: **piss-ant**

1. 1.

2. worthless; contemptible.

The petition itself makes further allegations of public defender abuse and corruption. So far only one lawyer provided by the state has acted properly, Jed Peterson who handles PCR/Habeas Corpus appeal cases. He has argued I'm a victim of all the abuse I allege in court. His briefs are included. He is handling my PCR appeal and is concerned about judges bias in my case and abuse that has occurred against me. We have had talks about getting ACLU involvement in the case - indicative of abuse and my need for ongoing help.

Please allow me to hand pick a lawyer at state expense upto the maximum private attorney fee of \$600 per hour plus expert witness, private investigator and physician fees, or make an order to ensure I get a lawyer following the criteria of this motion and the law if you refuse to allow me to pick a skillful, experienced suitable lawyer.

Yes Lawrence Taylor at a hearing in Lane County admitted on the record, he was contracted by Noel Grefenson to perform the flawed legal representation that occurred on the PCR- after I was under the impression Noel was to have nothing to do with the process, and the PDS were to be picking a private lawyer. Eventually I was left without a lawyer, and the case was dismissed without prejudice or decision.

I'm terrified of the lawyers and their abusive practices to criminal and PCR clients, and my safety should be looked at closely, to ensure the lawyer selected is doing his or her job in accordance with the facts, evidence, what my expert witnesses want, and the like.

None the less, the following case laws guarantee an attorney will be appointed for this case and you the judge have no mechanisms to dismiss the case without appointment of counsel.

Where petitioner requests appointment of counsel pursuant to this section, eligibility for appointment must be determined prior to hearing which finally disposes of petition. *Rodacker v. State of Oregon*, 79 Or App 31, 717 P2d 659 (1986)

Court may not dismiss filing of petition for post-conviction relief that is accompanied by affidavit of indigency and motion for appointment of counsel without first ruling on issue of indigency and appointing counsel if petitioner found to be indigent. *Kumar v. Schiedler*, 128 Or App 572, 876 P2d 808 (1994)

Other case law exists on the specific duties of the judge in this case during the proceedings, which the judge could not possibly fulfill until an attorney was appointed, investigation, legal work, expert testimony and determination, and the like was conducted to beef up my petition with material I couldn't possibly get alone and indigent. The judge doesn't have all the facts yet to decide the case, for example, to fulfill the requirements of the Oregon Court of Appeals and Statute § 138.640¹ which requires specific considerations by the court, case be presented and analyzed by the court, and specific documentation be performed by the judge when entering judgment or dismissing a petition.

Where petitioner sought post-conviction relief contending he had received invalid consecutive sentences and post-conviction court dismissed petition and entered order relying on grounds neither presented to court nor responsive to petition, remand to Court of Appeals for consideration to enter proper final order was appropriate. *Wilson v. Maass*, 305 Or 434, 752 P2d 840 (1988)

Where document from which appeal was attempted in post-conviction case did not make final disposition of the case, it did not meet requirements of this section and case was remanded for disposition. *Stelljes v. Maass*, 306 Or 655, 761 P2d 925 (1988)

Judgment denying relief must (1) identify claims for relief and make separate rulings on each claim; (2) declare whether denial is based on petitioner's failure to follow available state procedures or to failure establish merits of claim; and (3) make legal basis for denial apparent. Datt v. Hill, 347 Or 672, 227 P3d 714 (2010)

The court will furthermore grant an unlimited amount of new counsel appointment to find suitable counsel with skill, experience and interest in working with the petitioner to investigate the claimed national security state, police, NSA, mind control, civil rights violations associated with this case. The court of appeals has ruled an unlimited number of replacement counsel will be provided to ensure such in this case:

Court only may allow withdrawal of appointed counsel for financially eligible person without substituting another appointed counsel when need for orderly and efficient judicial process requires court to do so. Knox v. Nooth, 244 Or App 57, 260 P3d 562 (2011)

Per 138.590, the statute's purpose of funding attorney's for the case indicates it's to "employ suitable counsel possessing skills and experience commensurate with the nature of the conviction and complexity of the case for the proceeding" as such the court must ensure that counsel is suitable, possesses specific skill and experience for the case, issues, allegations, violations and such that I've experienced and alleged in the petition for PCR to ensure I can be victorious. The court should move to check in with Petitioner and be responsive to Counsel misconduct. Furthermore, the court should check in and listen to the testimony of Dr. Seth Farber PhD Todd Giffen's psychologist and expert witness who will interview and observe the attorney for abuse and misconduct, as he has already witnessed several attorneys abuse me and do misconduct in the previous PCR case. Private investigator Jennifer Maghinay of Salem Oregon is another witness who might be procured for the case as previously done, but the attorney may refuse to actually pay her or hire her as Lemar Carver and Lawrence Taylor did in order to interfere with the case and sabotage it. Dr. Seth Farber PhD is more than trained in court and lawyer issues as a political psychologist and having testified in dozens of family law court cases in New York City. His father is also a lawyer. Farber's respect level is high having been on Oprah Winfrey, authored numerous books, having worked with key influential psychiatric experts and physicians, and been numerous other talk shows over the decades of his practice. Seth previously wrote a letter to the court with his assessment that my lawyer was slandering and abusing me which is in the exhibits which he wouldn't say if it weren't true. Jennifer opinioned Lawrence had lied and defended himself due to a lack of response for my needs in emails to me. Seth is actively on the case and available for the courts to consult immediately. He is already aware I am a victim of the government's targeting and has diligently assisted me to get help when everyone else tried to stop me from getting help- allowing physical and mental and case damage to occur.

Finding a compatible non-corrupt lawyer to work with petitioner, my doctors, witnesses, family, private investigator and the like is imperative in this cases success as is the court's fairness, and

willingness to work with the petitioner even if the claims made are inconvenient and harmful to the Oregon judicial system and it's court officers.

If attorney refuses to cooperate and work with us, we know that's a sign of abuse. If action is not taken to bring in experts, collect evidence, file protective orders and the like, that is further sign of abuse by the lawyer.

If court refuses to take requested actions, and interest in these matters, it's a sign of abuse against the Petitioner, cover up of these claims, and the like by the court itself.

8/18/2016

A handwritten signature in black ink, appearing to read "Todd Diffen". The signature is written in a cursive, somewhat stylized script.

Petitioner

In the Circuit Court for Multnomah County

Todd Giffen,

Case No.

Petitioner.

Declaration of indigency

Vs

Lane County District Attorney Alex Gardner,

Defendant.

I, Todd Giffen make this declaration in connection with the attached Petition For Post Conviction relief That I am financially unable to bear any of the costs, expenses or fees incurred herein; and that the following is the best estimate of my assets, liabilities and income during the previous year.

Net income during the previous 12 months.....	\$ 850.00
Money on hand, in savings, trust account, with Superintendent, etc.....	\$ 280.00
Real property (house, land, etc.).....	\$ 0.00
Personal property(cars, tools, TV, etc.).....	\$ 1500.00
Money owed to me by others.....	\$ 0.00
Money I owe to others.....	\$ 19300.00
Other assets (examples: stocks, bonds).....	\$ 0.00
Other liabilities (examples: restitution, child support, fines).....	\$ 1500.00

I hereby declare that the above statements are true to the best of my knowledge and belief, and that I understand they are made for use as evidence in court and I am subject to penalty for perjury.

8/18/2016



Petitioner

Oregon Rules of Civil Procedure 1E. Use of declaration under penalty of perjury in lieu of affidavit; "declaration" defined. A declaration under penalty of perjury, or an unsworn declaration

under ORS 194.800 to 194.835, if the declarant is physically outside the boundaries of the United States, may be used in lieu of any affidavit required or allowed by these rules. A declaration under penalty of perjury may be made without notice to adverse parties, must be signed by the declarant, and must include the following sentence in prominent letters immediately above the signature of the declarant: "I hereby declare that the above statement is true to the best of my knowledge and belief, and that I understand it is made for use as evidence in court and is subject to penalty for perjury." As used in these rules, "declaration" means a declaration under penalty of perjury.

In the Circuit Court for Multnomah County

Todd Giffen,

Case No.

Petitioner.

Certificate of service

Vs

Lane County District Attorney Alex Gardner,

Defendant.

I certify it true that a copy of the filed petition was caused to be filed on Alex Gardner, Lane County District Attorney on or around 8/8/2016 by hand delivery of Clyde Giffen to:

Alex Gardner
Lane County District Attorney's Office
125 E 8th Ave
Eugene, OR 97401

8/6/2016

A handwritten signature in black ink that reads "Todd Giffen". The signature is written in a cursive, slightly slanted style.

Todd Giffen, Petitioner

In the Circuit Court for Multnomah County

Todd Giffen,

Case No.

Petitioner.

petition for redress of grievances under the 1st
amendment, and for post conviction relief

Vs

Lane County District Attorney Alex Gardner,

Defendant.

Petitioner comes before the court to petition for redress of grievances under the 1st amendment, and for post conviction relief in regards to Lane County Circuit Court criminal case # 201105395 (march 13 2011 case below) and if possible case number # 220411806 (2005 case of menacing and harassment I was wrongly convicted for, explained below). This petition lays the framework for the case, where to seek and how to seek evidence, but is in no way exhaustive and couldn't be due to poverty and indigency the only thing holding me back. It's incomplete to tell the facts to the court in the entirety, but that's the job my attorney, experts, doctors, investigators, and legal team working together. Everything is true to my knowledge, especially the big claims- some parts need clarification through investigation, mostly specific details I don't have available to me, as I'm not the one who ran the operation and I didn't take part, I was the victim of it. State secrets, classification, and the like prevent me from being blessed with all operational details which is for the court power to overcome, because the court ultimately grants the state secrets, protection for classification, and the like but can override it by choosing to disregard it perhaps in the public's interest, due process interest, and 6th amendments interests. Petitioner was framed by the National Security Agency, Executive Branch, US Department of Justice, Oregon Attorney Generals Office, Lane County Public Defenders Office, Lane County District Attorneys Office, Oregon State Hospital, Governors Office, Oregon State Police, the Federal Bureau of Investigation, Lane County Sheriffs Department, Springfield Police Department, Eugene Police Department, the Salem Oregon FUSION CENTER, spies and other factions of the government falsely arrested and falsely convicted. The arrest occurred March 13th 2011. The conviction of guilty except for insanity was entered in an alford plea without trial and after due process violations May 2013 at an unspecific day against my will, to the charges of assault 4 on my grandfather Clyde Giffen, and assault 4 on police officer. My attorney even told me not to read a letter complaining at my plight at the hearing, which was most likely for his favor but which I have the letter here today. The record was already filled with the truth, my complaints and what I had added to the record. This is when my grandfather intended to testify as a witness at jury trial against the police as he witnessed them assault me and denied I assaulted anyone including himself, and while I intended for expert witnesses to testify on my behalf about what the state did to target, torture, spy on, and frame me. The alford plea was entered as Guilty Except for Insanity, when I wasn't mentally ill and all the claims I made were true, but the court and my lawyers were treating me as if I were mentally ill after my lawyer had agreed to investigate all this, hire experts and doctors, and he said he believed me but performed no work on the matter. They framed me, and covered up my abuse which was easy to tell was happening. The appeal was dismissed August 6th 2014 without hearing after I was provided ineffective assistance of counsel by attorney Erik Blumenthal, and he recommended switch to the PCR process, instructing me to sign a document to have it dismissed. The attorney never told

me of plans of appeal and told me he would not be raising any issues on appeal which along with refusing to bring up the issue of due process violations during the actual appeal as the state tortured and tried to murder me (sabotaging me as a witness, preventing me from running the case, making me sick and physically harming me, etc) made me believe he was providing ineffective assistance of counsel and failing to do his job, however in paperwork later sent by a colleague lawyer they state civil rights violations for appeal were identified and could be raised on the federal appeal process. Upon writing the attorney for details they refused to provide them, and never responded to communication further. These issues could have been raised on the state appeal; ultimately I also believe this behavior was an attempt to cover the attorney's tracks. I recorded the phone call conversations of his misinstructions and recommendations. He said I could raise his ineffective assistance of counsel on appeal, without me accusing him of providing ineffective assistance of counsel. Furthermore NSA possesses a complete copy of audio and metadata, transcript and analysis of all my calls in secret for the courts and my attorney's dissection which can be subpoena'd, including calls with previous trial attorney's which may contain evidence of promises never fulfilled, complaints I made, evidence I presented, and abuse I endured during this case and future and past ones, as evidenced NSA methods I disclose below and whistleblowers have disclosed. Phone calls from 2008 will highlight meticulously conversations the state had on my case, abuses I reported, and even highlight abuse they did to me as NSA was recording the whole time abuse against me has been occurring. During the initial trial court process, there was no investigation into whether I was guilty or not, and my public defenders were corrupt and had illegal ties to the police and system in place, and sabotaged my defense from the inside. The whole case arises from harassment that began at least since 2008 (but state actors abused me and targeted me during my original trial, also sabotaging the process in 2005- I was notorious and targeted by staff at OSH from day one during 370 encounters, including being told to kill myself by staff, assaulted and framed. In fact I was assaulted and shoved up against a wall by Jeff Hodson, and bullied and harassment many staff, and Jeff would later do a serious assault and murder attempt on me per below at a later date)- I was under illegal surveillance and experienced harassment from the state due to witnessing crime occur at the Oregon State Hospital. The crime included me being sexually abused by a female staff named Bonita Tucker at the facility, and witnessing her smuggle in drugs, marijuana, and other substances for patient purchase and consumption, and engage in romantic relationships with patients. Although the hospital had a hand in my false plea of GEI from the 370 process where I was abused, assaulted, and first met Bonita Tucker as a worker in training, after admission as a PSRB after a revocation from release from court in the community, the PSRB and hospital approved me for release December 12th 2005, but I never got out because I was framed for abuse, release was sabotaged, and I have the paperwork showing they approved my release. I was held back and targeted and falsely imprisoned solely due to staff misconduct including but not limited to the Bonita Tucker fiasco.. Lane County wrote a letter saying they wanted me back in Lane County and wanted to rapidly place me in an apartment, housing, group home or other option and have me back after I was revoked on conditional release from court. Plans were underway for me to visit placements and places to live in Lane County for my all lights green release. In records, the hospital wrote I was not a threat to society or myself, and the hospital lacked the care I needed, the type of care I needed was not available at the Oregon State Hospital. During my stay at OSH, the hospital had identified I wasn't even guilty of my original charges, and knew the risk for getting sued should legal procedures ensue. The hospital didn't like me, all the staff hated me, were afraid to be around me, knew I was under surveillance and being targeted/abused, refused to protect me or help me, and wanted me dead. The hospital went after me and tried to murder me, and

the state lacked liability insurance and pushed back against my claims and covered up every incident that occurred at the hospital, which staff identified themselves as one of the motives for hiding my case per hospital hallway recorded conversations of staffers. Bonita Tucker was a protected bitch, and so were the crony staff at the facility. She went on to marry another patient David Anderson, tried to bust him out, smuggled in morphine, amphetamine and other drugs, and staff protected the situation. She received police protection. Due to her knowing of state secrets about how the state operates, she was likely afforded special deals for her cooperation, and protection, to please her. This would simultaneously help protect the state from liability and lawsuits. Another patient named John Eastman was charged for drugs she smuggled in, and she received no charges as further evidence, proveable to this day. I know these details because John Eastman personally told me he was being framed by staff to take the fall to cover everything up, it's not likely anyone even admitted Bonita Tucker was involved but John Eastman. The incidents were partially reported in the Oregonian, Statesman Journal, and other news agencies around the state around December 9th 2007, making the Sunday front pages. The title of the Statesman Journal article was 'hospital slips at hospital still a problem.' While many incidents were happening at the Oregon State Hospital including federal probes for the civil rights violations documented by the US Department of Justice CRIPA report in January 2008, surveillance was used by the feds and state to spy on the patients at OSH, and sabotage and control them. The surveillance was used for multiple purposes, including investigating the hospital, the patients, and the like without having to ask patients or staff things or doing normal investigative procedures in the black world. This was done with staff knowledge, that they would not get into trouble for any of it, and nothing discovered would result in a penalty for the staff, but the patients only. The National Security Agency affords the State and Federal government two main technical measures for spying on individuals with multiple capabilities: 1. The space capability including building penetrating scans of peoples environments and body with interferometry, which provides body, brain, voice recording, memory extraction and other capabilities. An inmate can be seen taking a dump, masturbating, having private conversations and the like without any technology being used locally, as the building and inmate are imaged like an MRI in 3D holographic fashion with fluid motion as multiple scans per second take place in a functional nature. Body cavities and areas can be examined for contraband stealthily. Blood is scanned, and chemistry determined. Several techniques are involved in interferometry, including earth gauss magnetic resonance imaging, electron spin resonance, and radar which create 3D holographic maps with many characteristics not just images, video and audio- lots of data is extracted, such as age of objects through electron spin resonance carbon dating, composition of material, and more in a functional nature. Brain scans of blood flow and electrical activity lead to neural decoding of the subjects thoughts, memory, what they see, hear, think, feel, intend, remember, plan, diagnostics are done, etc. Details from a persons memories are combined to fill in gaps, as our brains record information like hard drives and are 3D holographic structures per holonomic brain theory. A persons heart beat can be monitored, remote diagnosis performed and more. But rest assured, should they determine you weren't mentally ill or dangerous, that wouldn't result in your release, as no due process is afforded nor is truth or secrets told. A Disability Rights Oregon advocate told me in fact, the technology exists to spy on patients as I claimed at the Oregon State Hospital, and another told me the place works in mysterious ways. The technology can also examine the earth and scan through homes, mountains, oceans and the like- you can't escape the technology without active shielding, specifically you need super-conducting magnetic shields to reflect 100% of the imaging signals else they will scan you and there's nothing you can do. Hard drives, DRAM, CPU, cables, USB, ethernet, fiber optics and the like can all be read and written to

from space even with walls and typical shielding. Paperwork, documents, scribbles etc can be duplicated with the scanners, no need to be locally near by, accomplished by observing the typing even on non electric type writers, recording as you view it with your eyes or think of the message pre and post typing, or pull it from memory of your brain later, and scanning the result like a long range copier/scanner would do. A stack of paperwork can be scanned without even having to touch it or move papers around using the technique, and software separates each page and the contents and writing for them, and does auto-analysis. 2. NSA taps the fiber optic cables inside of the United States to capture 100% of inside the United States internet, telephone, and other connected system traffic which is stored at NSA/DOD data centers such as bluffdale in Utah including other more secretive ones with separate systems of their own. 80% of the world's total networked data is intercepted overall with taps outside of the United States and third party countries involvement/participation. The captured data includes 100% of the upstream packets containing information such as passwords, cookies, other form data, usernames, images, files, metadata, cellphone location data, text messages, emails, other protocol information, and the like. A datastream can be intercepted in real time and analyzed and presented to be examined, such as observing AJAX streams to see a person typing and composing an email, backspacing, adding words, and all that (This same feat can also be achieved by scanning the subjects brain and computer in real time with the space capability to intercept memory and thought, monitoring even material not transmitted over the Internet). Bugs in the computer, CMOS, firmware, and hardware chips can also enable the feat including full remote control of machines which government has an extensive collection of. Sometimes bugs and implants are put in secretly, by interception of mail, hacking and other processes. A federal or state officer with access to NSA such as through the XKeyScore Program or FUSION CENTER, will merely need to type in data about an individual and be able to listen to all phone calls, watch a person type emails over the internet, and access a vast database of information captured about the person over the years. Financial, medical records, and data going back decades is available even pre-dating the Internet and fiber optic taps, compiled in other ways. 3. Other methods of spying including HUMINT, using state employees, hospital employees, court employees, city employees, INFRAGARD store clerks/banks/people around town, police officers to eye witness and spy on individuals in every city and county and state, and furthermore devices such as surveillance gear (mics/cameras/other sensors), bugs, interceptors, hack tools. Companies typically collaborate to put the backdoors in, and receive money to do so, the same reason most ISPs take part in the fiber optic tapping programs that sucks up all American data 24/7 without any kind of warrant. A unilateral fiber tap is done when companies refuse to take part, which is when NSA goes in and taps the cable secretly including underwater and underground cables.

The systems allow hacking of a subject through cybernetic control of a persons brain, body, environment and electronics with Signals Intelligence directed energy/interferometry. This is also called electronic warfare, or is hidden as a ballistic missile defense system which Vladimir Putin said is actually an offensive system which threatens global peace. The system can beam images, voices, thoughts, and stimulate the nerves of people from space. You can control electronics precisely, flip switches, break and jam things, and more. It has many advanced uses. Planes can be crashed, cars stalled, ghost simulations made, etc. On foreign adversaries it's used to fake signals that aren't there, such as of a plane flying through air space done by creating fake holograms and ghosts of planes in the environment ie the sky, or jamming radar, imaging systems, and brains/organs directly. Holograms of gods can be created in the sky, such as Jesus over the Empire State Building visible to the human

eye and equipment, while communication signals across New York are knocked out simultaneously, useful for mass psychological operations. They could even dustify a building such as the World Trade Center on 9/11 after plane impact by destroying the molecular bonds of the structure as the videos of the building show and evidence suggests per Dr. Judywood PhD MA BA interferometry expert from Virginia Tech, or blow up a continent per many on the subject. A flying nuke in the sky to hit Washington DC could be remotely controlled and flown into the UK to take out an ally but it could also simply immobilize and safely land the nuke or prevent its' launch in the first place. All in the name of the game of cybernetic warfare.

Staffers at the Oregon State Hospital discussed under the hospital surveillance grid technology being used to probe the hospital and spy on me and other patients, that was located outside of the building. This is the NSA space capability/ballistic missile defense. The staffers said the hospital was under a "live wire" and that actions of myself were going off under the "live wire." Many staff abused me, and targeted me for documenting their abuse, and witnessing it, and trying to go to a lawyer about it. Emails were sent in June 2008 to hospital administrators, Oregon State Police, the FBI, Governor Ted Kulongiski's office, and more requesting the footage be saved showing staff have these discussions, abuse me, and cover incidents up. Multiple agencies confirmed receipt including the Governors Office. Hospital administrator Robert Nikkel believed I made several allegations that needed investigation, and forwarded it to Eva Kutas the head of Office of Investigation and Training. Staff even assaulted me claiming that "no one cares about your rights. No one is going to help you." They knew I was under surveillance, and that no one I could possibly go to was going to go against them, because it was all planned from the start, and everyone was involved. Robert Nikkel told me he was soon forced out of his job as Department of Human Resources Administrator for the Mental Health Division, so he was not aware that OIT covered the abuse up and refused to perform an investigation of my claims, but thanked me for providing the information when I contacted him in 2014. The surveillance at the hospital was approved by the state and federal government, and the only interest they had was making sure nothing got out about any of it. A staffer on one incident jumped me with another staff, punched me multiple times in the face, causing severe swelling, bruising, and bleeding including spitting up blood all over the floor. He then tried to suffocate me and kill me by cutting off my ability to breathe, and most of the incident was caught on camera with video and audio; The staffer who did it even had a complaint sheet listening multiple patients report him doing similar acts to patients, at least 10-20 complaints have been lodged with Office of Investigation and Training, but the state continues to baby him and allow him to work at the facility. He was eventually made Union President of SEIU 503. The staff in question is named Jeff Hodson, and he also frequently bragged about having skills, not to "mess with the best," because he knew the system inside and out and how to cover up abuse. His comments were caught on camera and reported to the state, who covered it all up. Jeff Hodson appeared to be with other staff responding to internal stimuli on the unit, as if someone was communicating messages to them in their heads, at one point Jeff Hodson thinks he got away with abusing me, and runs and bumps chests and hugs a staff, and says "don't mess with the best." When I report the incident to OIT, his facial demeanor is as if had been caught, and he slows down and walks off the unit. I made the report to OIT privately by phone, when he wasn't even supposed to know about my report.

The state law has a presumptions law that presumes if the state destroyed or suppressed the evidence, an unfavorable presumption will be entered about their guilt. They would have only destroyed the security video and audio if they were guilty, and intended to destroy it. The

presumptions law also presumes they intended the consequences of their actions that led to the destruction of the evidence, that it was not accidental, and that they had a reason to cover it up. The presumptions law also says a staff member would only take ordinary care of their own business, for their favor, and not the favor of say a patient they'd framed, victimized, lied about, assaulted, tortured, falsely imprisoned, and the like.

§ 40.135¹

Rule 311. Presumptions

(1) The following are presumptions:

(a) A person intends the ordinary consequences of a voluntary act.

(b) A person takes ordinary care of the persons own concerns.

(c) Evidence willfully suppressed would be adverse to the party suppressing it.

Staff members said everyone was involved, not just a couple of staff, when I accused specific staff of targeting and abusing me. They all did it, they got together and lied, and baked the record, and took part in all the games against me. On one occasion a women named Jennifer said OIT had came over and talked to staff with the comment, "you guys sound like you're having some fun over here." and her response was "no, not really." that the fun they were having with the situation wasn't that fun in fact. OIT's contact with the staff over the situation was done in secret, under the table, so as not to incriminate the state or properly document evidence, but they knew everything that was happening the whole time. Staff commented on the unit that it was OIT's choice what particular help I got or things I would get for relief, possibly as part as a secret unstructured settlement. If I was to be privately transferred out of the hospital, or to some place for my protection, it was OIT's choice, they were placed in charge of the matters. Some staff might even admit parts of the plots and happenings, but you can also use patient eye witness accounts as some came forward to support me and saw different acts unfold partially at least, and also fMRI and EEG has been developed to read a persons thoughts and memories even if they lie or refuse to cooperate, or deny the allegations, which was successfully used in a 2009 murder trial in India to convict a person without any other evidence. The technology is so good, it can tell whether you were in the same room as a person murdered, and whether you did it or not. It precisely separates memories of your past and current, from every place you've ever been. It reads your intentions at the moment, motive, and the like. This technology should be brought into the courts in my case, because police, eye witnesses, perpetrators, spys, and government officials lie about these sorts of things- the worst crimes a human being could commit on earth, far above the crime committed by normal civilians, and their way of doing it is having secrecy. The same protection was used in the COINTELPRO operation of the FBI/NSA/CIA/Executive Branch back between the 1950s and 1970s- with complete secrecy, they can conduct the operations, even keep records of the operations, but not get in any trouble and hide the operations from peoples inspections. The same tactics were used for multiple other government programs such as MKULTRA.

In August of 2008, the state hospital staff did a murder attempt on me with NSA directed energy technology. The space capability is fully weaponized, also known as electronic warfare. It has the ability to direct radio frequencies into objects to assault, irradiate, mind control, vibrate, heat and chill, rape, perform nerve stimulation, simulate psychosis, put voices and images into a persons brain,

and more. Parts of technology to do so was patented by Department of Defense contractor Dr. Robert Malech, at Margolin Inc, a Portland Oregon citizen today. The patent is for "apparatus and method for remotely reading and altering brainwaves" using traditional military radar and satellites, or phased arrays, to which there is an extensive network deployed and pointed at American citizens today for spying, ballistic missile defense, neurological sabotage, torture, brain to brain communication, strategic operations and the like. This enables their ability to actually satellite/radar MRI/ESR/radar scan the brain remotely, to obtain a persons thoughts, memories, vocalizations, emotions, and other information warrantlessly and secretly, but it also acts to enable covert communication brain to brain by police officers, and as a torture and assassination tool.

The space capability actually preceded many of the technologies that have been miniaturized, such as electron spin resonance scanners used in labs and other places, and even the microwave oven used to cook food was based on military radar. Magnetic resonance imaging was also designed originally for military radar, before it was used in doctors offices for brain and body scans, designed to be used on the whole planet, to detect nukes, oil, ore, natural resources, underwater/mountainous crash sites, scan planes, objects, people, their brains, nervous systems, and structures in the sky and on the ground for money making, intelligence purposes and offensives. Evidenced by the articles below, the weapons potential and biological effects of radar and satellite signals on the human has been well known for along time, and other documents I have indicate cancer induction in targets and populations was a known issue hinting at a cancer weapons application that's deployed around the entire globe. Many have great fear and concern the government is creating cancer and illnesses in targets they wish to die, and cancer and other natural looking or unknown cause deaths is seen as a suspicious way to die of top whistleblowers, activists, and the like.

"Nuclear Magnetic Resonance (NMR) and Magnetic Resonance Imaging (MRI)

employs high frequency radio transmitters, receivers, and computer science techniques to generate images or chemical spectra of organic materials. NMR/MRI techniques use methods developed between 1930 and 1945 for military RADAR. RADAR and

NMR/MRI both use Transmit/Receive circuits, state of the art receiver sensitivity, and good antenna (probe) design. " source: <http://www.science-workshop.com/NMR.html>

"Miniature electron spin resonance spectroscopy with Micro-ESR[[edit](#)]

Miniaturisation of military radar technologies allowed the development of miniature microwave electronics as a spin-off by the [California Institute of Technology](#). Since 2007 these sensors have been employed in miniaturized electron spin resonance spectrometers called Micro-ESR." source: https://en.wikipedia.org/wiki/Electron_paramagnetic_resonance As it appeared on August 3, 2016 4:29:21 AM UTC

"[Percy Spencer](#) is generally credited with inventing the modern microwave oven after [World War II](#) from [radar](#) technology developed during the war. Named the "Radarange", it was first sold in 1946. [Raytheon](#) later licensed its patents for a home-use microwave oven that was first introduced by [Tappan](#) in 1955, but these units were still too large and expensive for general home use. The

countertop microwave oven was first introduced in 1967 by the [Amana Corporation](#), and their use has spread into commercial and residential [kitchens](#) around the world.” source: https://en.wikipedia.org/wiki/Microwave_oven As it appeared on August 3, 2016 4:31:17 AM UTC

“ (allows scanning and altering of electrical activity)

United States Patent

3,951,134

Malech

April 20, 1976

Apparatus and method for remotely monitoring and altering brain waves

Abstract

Apparatus for and method of sensing brain waves at a position remote from a subject whereby electromagnetic signals of different frequencies are simultaneously transmitted to the brain of the subject in which the signals interfere with one another to yield a waveform which is modulated by the subject's brain waves. The interference waveform which is representative of the brain wave activity is re-transmitted by the brain to a receiver where it is demodulated and amplified. The demodulated waveform is then displayed for visual viewing and routed to a computer for further processing and analysis. The demodulated waveform also can be used to produce a compensating signal which is transmitted back to the brain to effect a desired change in electrical activity therein.

...

The individual components of the system for monitoring and controlling brain wave activity may be of conventional type commonly employed in radar systems.

Various subassemblies of the brain wave monitoring and control apparatus may be added, substituted or combined. Thus, separate antennas or a single multi-mode antenna may be used for transmission and reception. Additional displays and computers may be added to present and analyze select components of the monitored brain waves.

Modulation of the interference signal retransmitted by the brain may be of amplitude, frequency and/or phase. Appropriate demodulators may be used to decipher the subject's brain activity and select components of his brain waves may be analyzed by computer to determine his mental state and monitor his thought processes.

As will be appreciated by those familiar with the art, apparatus and method of the subject invention has numerous uses. Persons in critical positions such as drivers and pilots can be continuously monitored with provision for activation of an emergency device in the event of human failure. Seizures, sleepiness and dreaming can be detected. Bodily functions such as pulse rate, heartbeat regularity and others also can be monitored and occurrences of hallucinations can be detected. The system also permits medical diagnoses of patients, inaccessible to physicians, from remote stations. “ source:

<http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&d=PALL&p=1&u=%2Fnetagt>

ml%2FPTO%2Fsrchnum.htm&r=1&f=G&l=50&s1=3951134.PN.&OS=PN/3951134&RS=PN/3951134

Microwave auditory effect

From Wikipedia, the free encyclopedia

The **microwave auditory effect**, also known as the **microwave hearing effect** or the **Frey effect**, consists of audible clicks (or, with speech modulation, spoken words) induced by pulsed/modulated [microwave](#) frequencies. The clicks are generated directly inside the human head without the need of any receiving electronic device. The effect was first reported by persons working in the vicinity of [radar](#) transponders during [World War II](#). During the [Cold War](#) era, the [American neuroscientist](#) Allan H. Frey studied this phenomenon and was the first to publish^[1] information on the nature of the microwave auditory effect.

Pulsed microwave radiation can be heard by some workers; the irradiated personnel perceive auditory sensations of clicking or buzzing. The cause is thought to be thermoelastic expansion of portions of the auditory apparatus.^[2] Competing theories explain the results of interferometric holography tests differently.^[3]

...

Primary Cold War-era research in the U.S.[\[edit\]](#)

The first American to publish on the microwave hearing effect was [Allan H. Frey](#), in 1961. In his experiments, the subjects were discovered to be able to hear appropriately pulsed microwave radiation, from a distance of 100 meters from the transmitter. This was accompanied by [side effects](#) such as [dizziness](#), [headaches](#), and a [pins and needles](#) sensation.

A decade later, an overview, in the [American Psychologist](#), of radiation impacts on human perceptions, cites investigations at the [Walter Reed Army Institute of Research](#) that demonstrated 'receiverless' [wireless](#) voice transmission: "Appropriate modulation of microwave energy can result in direct 'wireless' and 'receiverless' communication of speech."^[2] source: https://en.wikipedia.org/wiki/Microwave_auditory_effect As it appeared on August 5, 2016 12:18:44 AM UTC

The above list is not meant to be exhaustive, but a mere sample of common information available.

NASA, JAXA, Coca-Cola and EPA admittedly use the same technology. NASA conducted a public display at Union Station Washington DC in 2016, during which satellite and imaging technologies were demonstrated. NASA said satellites are holographically 3D imaging the rain by projecting two microwave beams from antennas and lasers in space into rain drops, which causes radio frequency broadcast to return to sensors on ground and space for video recording, enabling interferometry imaging of the rain which could be an MRI technique depending on implementation and specifics. Tornados and hurricanes are also imaged with the technology, allowing the inside of the super structures to be precisely observed including in domains the human eye can't see such as electromagnetic structure and particle structures which makes up the whole things. Furthermore the same technology is used to sample earths atmosphere, including to measure, track, and observe CO2 emissions, and the EPA is using the technology to perform regulation enforcement per NASA's

discussions. A video was shown of CO2 concentrations as they flow in the atmosphere today, scans taken with the technology and rendered in real-time, like river, ocean flows, and blood flows through the brain and blood vessels of the human body. Computer software can actually render the scan data how they wish, letting people zoom in and explore the 3D scans like spectator mode from a video game, or data can be directly analyzed. Coca-Cola also uses the technology for crop monitoring, which is used to monitor crop health, measure characteristics, determine when water should be applied, and when the crop should be picked for it's Simply Orange drink, per Bloomberg report. Crop interferometry monitoring using satellites is in use around the globe to perfect crop growing technique per a previous Wikipedia article which is now deleted.

Obviously there is nothing fancy or secret about the technology, and it's in use worldwide already everywhere by nearly everyone, major companies, militaries, governmental, and law enforcement agencies. It's even taught at most technical schools, how to manufacture the technology, and weapons, including but not limited to UC Davis, Harvard, MIT, and Virginia Tech amongst many many others.

What's so different from the millions of raindrops in the sky, the millions of Oranges of many Orange trees in an orchard, and a society of people, their brains and organs hidden away under schools, underground tunnels, mountains, caves, buildings, homes, hospitals, day cares, courts, jails, prisons and the like? Nothing at all, they're all targets of the technology.

I experienced calcium efflux/influx August 2008, the effects of electromagnetism on my body when they used directed energy on me in murder attempt and assault. My pulse shot to 170+ for months per the hospitals records. I was taken to Salem Hospital cardio unit for care, where they ultrasounded my heart, and applied a 48 hour heart monitor. Staff commented about how everyone was expecting I was going to get a huge payout of \$16.4 million dollars, part of the secret unstructured settlement. DeAnn Major assured me I wasn't mentally ill, and wouldn't even qualify to be put into a group home, and would be getting something better. The settlement was pre-disposed, and it was arranged through Disability Rights Oregon. The hospital staff at OSH talked about how I was been put into a coma I'd never come out of, a comment made by a staffer named Jennifer. My muscles began convulsing, and I lost the ability to speak, read, write, or remember things. They began to assault me 24/7 with the weapon in secret. The first communications they provided to me in my head were "no bodies ever made it this far.. like you spy for the statesman journal, DeAnn Major spies for the CIA.. you're being set up to look psychotic." DeAnn Major had told me the technology existed to do the spying I alleged, and she was part of arranging the secret settlement as an employee for Disability Rights Oregon. I had been going to the Statesman Journal newspaper with reports about Bonita Tucker, and they had ran several articles on her, and for doing so they used this weapon on me to stop me. They also wanted to stop me from obtaining a new lawyer to pursue legal action against the state hospital, and they wanted to prevent the episode of surveillance misuse from getting out, one of the biggest misuses that has ever occurred in United States history. It had been fully recorded by the dozens of cameras and microphones on 48-B, staff had been fully caught, making them want to murder and do me in anyway they could. Months of abuses were recorded on the hospital footage, of their daily operations to try to stop me and control me over these events. Staff also held conversations about using a secret method of communication, it was being done through a computer system, allowing them to think, while their thoughts and brain was read, to allow storage of desired information and undesired information in the computer, which could also be coordinated by

computer and passed into staffers brains as they were on duty. Allows off the record coordination and communication in the black world, without need to speak or write things down. Details on patients can be communicated to the staff, or even emergent events, and security details such as what a patient was doing, smuggling in, thinking about, having communication about, etc even if committing no crime.

Numerous experiments and torture sessions were done with directed energy on me at the hospital; they called it an ancient Chinese secret, they massaged my muscles and attempted to slow the buzzing and convulsions they had caused.

As the system has full autonomous abilities, it automates most of the tasks and tracking for them, so as I walked around my room or the hospital, it tracked my new coordinates to adjust the point the phased arrays/lasers were focusing at, to hit my brain and body anywhere I went. I was tortured everywhere I went. I was mutilated by the procedures, given dystonia, Traumatic brain injury, and chronic traumatic encephalopathy. The constant massage of my nerves and bodily tissue, dried tissue out, paralyzed and damaged nerves, caused inflammation, and even caused CK to release amongst other ailments. I was crippled and in pain, couldn't move, walk, talk, or think. I was powerless to fight them off. My brain, and organs were critically damaged as a result, and I was never given therapy to recover, and the longer I remained in custody the more damage that was done. It just got worse and worse.

I didn't want to go along with their secret unstructured settlement, and rejected that, but I was mostly crippled and defenseless, I wanted them arrested and prosecuted, which they referred to me as trying to "criminalize them." They buried me for that. Staff targeted and abused me for that around the facility. Some staff defended staff who did bad things. My treating physician pushed me to DeAnn Major, and was quite upset I wasn't maintaining contact with her. I asked him to contact her for me, and he said he did. I asked him to admit to it all, that she'd help me that way with the abuse I had suffered. Dr. Newton also warned me that people in the hospital would set me up, and try to have me civilly committed, but him and a group of staff who felt sorry on his unit would not allow it, or do that, when I had rejected the deals in place fully- some of these discussions happened at an IDT full of staff on the matter. Dr. Newton let slip I had been set up to look like a lunatic, with all the things done to me during a conversation under microphones and cameras, which he paused and cringed like he slipped up, and looked over his shoulder at the camera behind him in the unit kitchen that was watching him during a later conversation. There were multiple incidents, conversations, and occurrences that were not right, and recorded the happenings plain as day. Another conversation included details about why the state would settle, including the fact I was healthy until I came into the hospital, and things would done to me that made me unhealthy, and damaged my brain and body, and made me worse. Previous conversations which were recorded, including Dr. Newton acknowledging he knew I was searching for an attorney, but that I was having trouble finding one that took cases, and he came up to me and said 'looks like you're having trouble finding an attorney. Looks like I don't have to help you.' I documented the specific date and time of the conversation, which occurred in front of the unit telephones. Other conversations included him discussion the surveillance operation, and commenting about how when my friend Adam Shirk was targeted regarding a facebook account he had for helping me, how security went and talked to him, hassled him, etc- this was done as he also helped author emails to the Governor, Administrators, FBI, state police and others who received the details logs with dates and times and my complaints- no one knew he had

helped me but through spying on us, because he used my email account to send them, and we typed it entirely over the telephone, he typed it all for me as I described the situations, and he beefed them up and helped communicate for me. When I talked to Dr. Newton about it, he said it was a surprise, because he would of known about it, he said 'oh, they didn't tell me about that..' sort of slying like there was something special going on behind the scenes, indicating some of the details of the operation had been kept from him. At times they would discuss the situation with me like that, very calculated, giving me tips and insights into what was going on, but they also refused to have a more direct interaction with me, trying to keep me out of the loop fully on everything, but letting me in just enough so I could follow along and not be completely denied. They even passed messages to me on purpose, having conversations in the hall and whatnot, so I could be updated instructed to do specific tasks. One of my psychologists told me this was a form of mind control, they were controlling me, leading me on, etc. Why would they do all this? Of course, it wasn't the normal course of actions, it was all being done illegally, specially, and under the table by staff.

I have 7+ psychologists now who back me as a victim, and I have met several psychiatrists who've been tracking the governments national security issues over the years from mind control experiments, including todays modern testing of acoustic and electromagnetic weapons on unwitting civilians per Dr. Colin Ross MD a psychiatrist who was featured on History Channel in 2001 on the subject, and Barack Obama's Brain Initiative. In the Brain Initiative conducted at pretty much all United States universities, hospitals, and military sites, they're developing and testing new weapons and "treatments" including implants to erase memories of subjects, implant memories, and new high resolution software backed brain scanners for alzheimer's have dual-purpose surveillance use to pull memories out at the doctors office, jail, or other site. According to Dr. Peter Breggin MD, they're lobotomizing the brain and doing mind control, like MKULTRA of today. DARPA has released many press releases on technology from the program and their efforts, such as details on implants that read 1 million neurons, and write to 100000, which the public sector can use to interface with machines and may be made commonly available to the public. DARPA has disclosed ElectRx, a system that uses magnetic, electric, laser, acoustics to treat illnesses and interface with the body, which could also be used for torture and illness induction. Other implants dissolve once implanted leaving no trace of use. Veterans have had devices to treat PTSD amd mental illness used on them/tested, but the devices could also be used to cause PTSD and create schizophrenia and the illnesses they propose to create. Memories of witnessed crime can be erased, amongst over feats. The Atomic Bulletin also covered this in the article, The Neuroweapons Threat May 2016. Neuroweapons include chemical agents as well. They'll be able to more easily and publically, create a prison for citizens minds, and control their every little function. Mind uploading is a reality, the ability to place mans mind into a machine, control that machine by thought alone, and store ones self indefinitely. The State of Oregon has many contracts for the operation, including at OHSU, University of Oregon, and Oregon State University amongst others. OSH and OHSU have contracts for training doctors and the like, leading me to believe they'd use OHSU, OSH and other people in Oregon as experimental subjects, which has happened in Oregon before an unknown amount of times. In the 1976-1978 time period, the US Navy irradiated Eugene Oregon citizens with a 4.75MHz signal pulsed at 1100 times per second, which caused sounds in the head of citizens, reddening of the skin, pressure in the head, and other illnesses and sensations. Citizens were tortured in their homes for over two years before one victim tracked down Marshall Van Ert from the University of Oregon, who felt the signals himself, which got an NSA/CIA expert from Tektronix involved who detected the signal with equipment. The Governor Bob Straub, health

officials, and Senator Mark Hatfield got involved amongst others, who got the FCC and EPA out, and the FCC traced it back to the US Navy- 500 miles away, the signals were beamed into Oregon from Alameda California, a ground based interferometry set up. Corvallis citizens were also getting nuked, and the signal was detected 2000 feet above the sky. The Northwest Center For Non-ionizing radiation eventually determined the signals were psycho-active, and suggestive of brain control. Newspapers around the country reported on it, and over 100 complaints were generated. The local Eugene Register-Guard, and Portland Oregon Journal reported it in-depth. Citizens in Roseburg Oregon were also experimented on with mind control, causing a rash of suicides. As such, a lot of money and people in Oregon are involved in these crimes, where conflicts of interest exist, with the willingness to hurt others to cover their tracks. In the case *Kaimowitz v Michigan*, they ruled the use of implants, psycho-surgery, and lobotomization which Dr. Peter Breggin MD testified in, violated the 1st amendment as inmates and patients could not consent because the procedures removed their ability to generate free speech. The Michigan implant program was one of many funded by the US Department of Justice and CIA, in this case the alleged purpose was to learn how to control human aggression. I've got people interested in testifying in my case, they are awaiting for my lawyer to hire them.

Additional forms of mind control used by the state include electroshock, and chemical lobotomy. The chemical lobotomy is another form of behavioral modification which California Governor Ronald Reagan lobbied for before he was President. He was big on CIA mind control as was California. His idea was to use chemical lobotomy on prisoners and inmates, per CIA operative Mark Phillips, and today they chemical lobotomy everyone with judges orders with force and coercion and no defense mechanisms, including healthy subjects the state wishes to do in. Driving profits is one motive by funneling dollars to Congressman and investors in pharma companies as well as population control. Citizen safety takes the back seat to drugging, profit and population control.

The state police were directly involved in my abuse throughout the pipeline including dispatchers who were specially informed in case I called who handled my case specially, Moly Carter, Scott Yucker (I had interactions with him in 2011, he told me I could die, and he wouldn't care to my face 'so what, people die' when I told him I could die from this, and told me to have a paradigm shift), Sgt Withers probably as he was handling the Bonita Tucker prosecution but I never met him, Teri Davi, and others and probably anyone who knew anything about the specifics, and probably others as they gossiped and talked about events happening around Oregon such as big news about this type of thing going down with their system and resources, as were most state employees who were brought in on the operation. The incident was not isolated to the Oregon State Hospital, nor was the technologies use limited to that location, but had in fact been in use all over the state, in every state, by most of the government already by the time I had been attacked and spied on.

I got out of OSH mutilated and remained a target of the local cops, NSA, and state/city/county employees. I was given special treatment for what happened to me at OSH, and many took part, but at the same time everyone wanted me dead and wanted this covered up. I fought their control, and it was not until my release from OSH that I got the chance to finally try to challenge them, and seek help. This resulted in counter surveillance being used on me in 2010, and 2011, and abuse from the Springfield Police departments. I was stalked, harassed, and abused; cute games were played I admit, but I was still trapped and controlled, and neglected. They kept full control over me so I couldn't get help with what had happened to me. Dave Logan prosecutor for Springfield Oregon gave me a special

deal when I got arrested for breaking a printer of my grandfathers over the incidents, and my attorney Margaret Maginnis told me that herself, it was "special." The way it was specially done: I never spoke to my lawyer once before she had never tried to contact me and pretty much refused to see me, but in my own home I had a conversation with my surveillers present, in that perhaps I might plead no contest because I couldn't prove what the government was doing to me which was responsible for the incident. Without any conversation with anybody physically, Dave Logan approached Margaret and offered her that deal, and me and her never spoke once. In court she told me it was "special" when I said maybe I should just plead "guilty." Springfield normally only allows a citizen to plead Guilty for the diversion offered, but she crossed out the word guilty on the form, and wrote in the word "no contest." Police officers staged things for me to let me see inside their click and group, including having a female officer man the court that day, who modeled for me and paid special attention to me. Dave Logan commented to the judge about the special arrangement of the case. Cameras and microphones might have recorded all of the encounters. When I later called Megennis, and accused her of this, she denied it all, and refused to admit what she had said or done. They were aware of my support for womens rights including allowing females to work in male prisons, which was a topic at the time. It's interesting to note, Margaret Meginnis is a public defender, and court officer, that had inside privilege of these incidents and classified information, indicating that public defenders were aware of my abuse and control but denied help with me regaining my liberty, and refused to let me raise a defense in court, a repeating pattern I would experience along with other abuse indicating their complicity and deliberate indifference to my pursuit of justice and acquittal. Many types of events happened as I sought help, they showed me how they had control over the local infrastructure, bus drivers, hospital ER wards and staff, and the like. They involved my family and gave them special treatment and protection, and inside details of the operation, so they could take part. This will be denied by my family, as they secretly hold the same policy as officials, the right to lie for national security, and under the 5th amendment the right to remain silent. The things done to me are so outrageous that it's of extreme importance they don't directly incriminate themselves although, I've been allowed to obtain some evidence of the abuses. Police officers in one incident made reference to knowing word for word everything my friend had said on facebook about reading about these weapons online. Adam Shirk a former military employee himself, and witnesser of events at OSH like many patients, plus we gamed together and were friends, had heard about these weapons called "psychotronic weapons" and "synthetic telepathy". I asked him what he knew, and he provided links to military press releases on it in December 2010 and early 2011, including details from military contractors websites. He said however, "psychotronics? Only in sci-fi" in one conversation. In an encounter with the Springfield Police, I decided to ask them about my abuse, and so I asked them if they had ever heard of psychotronics. The officer responded he had, he laughed at me and got aggressive that I was probing him and not keeping silent about the abuse, he said "psychotronics? Only in sci-fi. There's no psychotronics in Springfield." The officer shouldn't have even knew the term because psychotronic weapons aren't supposed to exist or be well known, especially by the public; but they both knew, I had been framed, and they took part in the operations to do it.

More regarding Springfield Prosecutor Dave Logan: a private investigator said he taught at Lane Community College, and he made incriminating statements about this technology in lectures. Despite how it shouldn't exist per their official lies and statements, he said it did, but that it would violate the 4th amendment if used. This incriminating statement was seen as a lead to investigate Springfield and Eugene for its involvement and participation in doing this to me. We know for a fact the 4th

amendment isn't in effect or being followed today, so it isn't in fact a limitation as Dave Logan was claiming. The idea is he knows about this technology from his work with law enforcement as a prosecutor and he knows its in use illegally, and was used on me specifically. Just like William Warnisher and Alex Gardner and all the district attorneys and department of justice lawyers know.

In March 13 2011 I complained to my grandfather that I had been assaulted and injured with the technology, and he went to get me medical care, but the two cops Grice and Bazates were involved, jumped me, beat me up, holding me down so my hands were above my head while they both punched and brutalized me. They wanted me dead. They'd all conspired against me, and weren't interested in helping me. They didn't like the way I called them out during our conversation, stating "you know who I am."

One of the assaulting officers mentioned they were communicating and working with an FBI Special Agent Roberts who was angry over something related to my case, I have never met FBI Special Agent Roberts and don't know what the officers were talking about. It was as if the police were having illicit communication with someone, many people, including a possible FBI Agent Roberts about my case. Grice also commented that his supervisor complained Grice had done it again, and that he had a history of violent assaultive encounters with civilians. It's unknown if Grice wanted me to know this for a specific reason. My thoughts were being communicated to him, as I was thinking of telling the officers more about my abuse, but I preferred to wait for my public defender knowing my right to remain silent. The technology allows intelligence including a subjects thoughts and memories to be communicated to officers in real-time in stealth. Grice attempted to engage me in conversation, and stood around as if he knew I might say something. The officers possibly received some communication and narrative through synthetic telepathy with FBI Special Agent Roberts, that is signals passed directly into their brains, to enable them to communicate off the record in secret, without having to write anything down, speak it and the like, which is fully encrypted and hard to intercept in the black world. I witnessed the behavior and conduct. Grice got upset when I did finally speak, and accuse him of enjoying what he did, that he held me down and assaulted me. He then instructed the doctor to write an order that I was ok to leave after they did a CT scan of my broken nose and face, which the doctor did after cleaning up some of the blood from my face. Then in the car, Grice acted as if he continued to her and pay attention to internal stimuli in his head, as if they continued to relay communications to him. I thought about saying something about the technology and my abuse again, and as if listening to it, turned up the radio to acknowledge and make sure he couldn't hear me if I did say something. It seemed deliberately done in response, despite me having no desire to actually talk to him. It was my duress and actual torture, forcing me to think about what to do.

I was taken to Lane County Jail with broken nose and teeth, denied medical care for my brain damage and injuries including a trip to the doctors to have my nose bone put back in place, where I was framed by public defenders who had back door deals with the state to cover this up. I was forced to endure directed energy torture, assault, 4th amendment, 8th amendment, 6th amendment, and 1st amendment violations in court and jail. The main corrupt public defender handling the case at this point was Jessica Saydack, who quoted something I had said during torture in my cell during a conversation. I had said "maybe I'll write a book about it" while engaging with my torturers. No, there is no video, or audio at the jail, or witnesses that told her these things, besides the cops and people involved in secret. She sent me an innuendo during a private meeting, and she was very upbeat like she was treating me specially like an insider, she goes "maybe you'll write a book about it?" It's unlikely

she would have said this without being one of the insiders handling this case under the table. There were other interactions as well. I was denied fair trial, I was denied the ability to participate in my defense, they sought to erase my memories and cause brain damage to incapacitate me, they sought to sabotage me as a witness. Because under the table inside deals were at play and highly sensitive situations, to which everyone took part in, no one wanted to admit it or see these abuses uncovered, and that caused rifts between us as I knew they were corrupt. The people involved in my case definitely were corrupt. I had high CK in my blood multiple times of 700 or more, indicating brain, muscle, and heart damage from the injuries they were inflicting onto me. My doctor told me that level of CK only occurs during heart attacks and strokes, but I had no heart attacks or strokes, only the directed energy attacking me and inflicting programmical injuries. They upgraded to torture in jail during the case, and wanted me hurt bad. I fought the case for two years without a proper attorney, bouncing from attorney to attorney asking for help. I located documents on the technology and system online, including NSA whistleblower Russell Tice satellite/space capability/ballistic missile defense specialist, breaker of the 2005 Bush warrantless surveillance scandal, and experts who could collaborate pieces of my story. Today Tice says NSA needs to die, as they are spying on everyone without warrants siphoning up content, not just metadata, and the big cover up of 2013 was that it was only metadata being collected and not the content of communications and whatnot. President Barack Obama who was targeted by NSA before being elected to the Senate per Russ Tice, went on Jay Leno in August 2013 and said, 'there is no domestic spying program on Americans.' He blatantly lied, and Russ Tice said Bush lied to the American people, and now President Obama is lying to the American people. Bush did so on video, claiming spying on Americans requires a warrant, but then he later came out and admitted he signed executive orders to create and enable the programs to target Americans without warrants. Tice confirmed he held papers to spy on generals, judges, lawyers, news media, congressman, senators, etc such as Senator Feinstein, Barack Obama while he was running to Senate, US Supreme Court Justice Alito, General Patreus, and more. Who was administering the surveillance? He didn't know, but someone high up at NSA told him it was being directed by Vice President Dick Cheney's office. The big thing about Tice is he never got to testify to Congress about the Special Access Programs, Black World Programs, and things he wanted to testify about, as they censored him, targeted him, and shut him down. Everything thus he had to say, all of the abuses, has been kept secret and hidden from the public, besides the few tidbits he's been able to talk about and advice on. He said he wanted to testify about things different than the low-tech drag net fiber optic taps, telephone collection, and internet collection programs, which he says are higher tech and bigger potatoes.

Also medical, dental, neurological care were denied during trial as my torture and injuries were covered up, proof of my torture, abuse and framing. Despite the clear conflict of interest with the Oregon State Hospital caring for me, I was sent there for needless 370 exams, for the state's own doctors and my original abusers to control me and the case, issue false diagnosis and use drugs as weapons on me. One lawyer even went online and found newspaper articles about Bonita Tucker, and said it looks like some stuff was happening up there, but she performed no investigation and sent me to OSH anyway. The drugs were used to incapacitate me and cripple me along with the radiation, to erase my memories and do me in. I say that because Dr. Purna C Datta PhD my psychologist told me that. They would not want me to be able to remember, if they could damage my memory on purpose with drugs and techniques, one of the known side effects is memory erasal. I already knew the staff were using the drugs as weapons, and doing things to try and sabotage me to gain the ability to be

able to force drugs onto me, to hurt me on purpose, and discredit doctors who backed me up and supported me, or who stopped them from force medicating me. I was denied attorney representation a 6th amendment violation for long periods at the state hospital as the public defenders send their clients there to be assaulted with excessive force, torture, forced drugging, and framed, and while there deny representation even for important issues of custody matters and issues regarding the medications harming the client pre trial and thus impacting the criminal case. Attorneys tell their clients "your case is on hold and therefore I cannot speak to you or help you." That is a lie as the case is not on hold and the attorney remains assigned to legal tasks the whole time, can provide legal protection, investigations, and build the case while the client is at OSH. In a guide I have on Sell forced drugging cases, it mentions the most important time in criminal defense is defending a client from forced drugging which many consider a form of torture and assault including the United Nations who has pushed the United States to end the practice. Psych meds actually mutilate the brain as a chemical lobotomy, causing scar tissue build up, vein damage, fluid build up in the brain, brain shrinkage, and other ill effects including organ damage, permanent neurological and cellular disorders, and diabetes per psychrights.org affidavit on the toxicology of the drugs by Dr. Grace E Jackson and author Robert Whitaker. As a result of being denied medical care in custody my nose and teeth are still broke today, and as a result of being denied dental care in custody a tooth is now infected with periodontal abscess and root infection and must be removed or root canaled an otherwise healthy tooth before as I was unable to even floss or use antibacterial mouth rinse in custody for most of two years. Its possible some damage was also caused by the actual police assault, and my tooth is cracked or damaged but we don't know. Medical care was administered for issues I didn't have like mental health issues but that was a cover story for the assaults and abuse they were doing to cook the books and make me look mentally ill as well as obtain their desired memory erasal and other damage effects, but medical care I needed was denied for the real issues I had like injuries from assault and torture, including brain, muscle, nerve and organ damage.

I was forced to plead guilty when my lawyers refused to build a defense or prepare for trial May 2013.

A proper defense would have been one of entrapment by law enforcement officials, duress, self defense, or even jury nullification to reach the outcome of acquittal as afforded by those defenses. Filing for injunctions, restraining orders, Habeas Corpus, and the like would have been the proper course of action, and uncovering my abuse would have gotten the case likely thrown out anyway as I was factually innocent and set up. No trial is necessary to determine that. This is entrapment, because by using a technology to remotely control a subject, and by spying on the subject to know his or her every move, thought, intention, memory and the like, the law enforcement and agencies related to law enforcement could construct a situation to cause situations to occur, to engineer the situation to their liking, even carry out murders and mass shootings, and make targets look mentally ill, insane and paranoid. They could also discredit such defendant if they didn't execute him during the apprehension, and obtain false conviction easily, especially if defense and legal remedy were denied to the defendant, effectively throwing the defendant victim away into a prison cell for easier abuse and torture using the judicial system improperly like a weapon on people. Because most of the facts were kept secret and off the record only in the governments hands, they could pull it off, and even keep the general public in the dark. Even if a defendant were guilty as alleged, the entrapment defense ensures complete acquittal, as does the duress defense in the statute. A self defense claim against assault carried out is that officers assaulted a citizen first, causing self defense to occur. An attorney told me furthermore, a person would not be guilty of any crime if they had no intentions to

do it, and it was done by remote control or other means to effect the person and cause the crime or event to occur. A person has no self control or way to control their destiny under remote control. It's the perfect way to witness sabotage a defendant as well. A jury might be so turned off by the states conduct, to acquit a citizen with jury nullification. Also, if proper order of events occurred, law enforcement and participating parties would be put in jail before crimes or incidents could occur with defendant, as the defendant would technically be entitled to justice and prosecution. In the case of 4th amendment violations, the courts have generally decided a case or evidence must be thrown out when such violations occur- what about when they use surveillance and techniques, to induce incidents, and obtain the desired evidence and result they want, even if they merely claim they obtained the evidence or that events occurred in their fabricated police reports? In my case, the police report is entirely fabricated, but the fact is, the police were in the wrong here. They lied about their operation, they concealed it, they lied about their pursuit and assault of me, etc. They had a motive and reason to throw me away, to discredit me, and do all this from before our encounter even happened. Entrapment, coercion, inducement and the like by law enforcement are all highly frowned upon, and such cases should never be prosecuted.

In my case I was factually innocent, assaulted, targeted and beat up, tortured, spied on, and denied a defense, and framed to look guilty and mentally ill, and denied my sought after trial. I was only in jail for two years waiting and trying to prepare for trial, but I was fucked off and denied anything resembling trial prep by the courts, judiciary, attorneys, jail, and people involved in my case.

I've confirmed through the ACLU, New York Times, and media reports that the United States has a problem with providing criminal defendants adequate and effective assistance of counsel, as the courts have gotten too conservative, refusing to uphold a citizens right to counsel and performance of counsel. You may be provided counsel, but the counsel will refuse defense, meet with a client only for 5 minutes before trial, refuse to perform even a basic investigation, and recommend innocent clients plead guilty, and in 95% of cases no trial occurs. As a result, innocent people sit in jail and prisons after receiving no defense. In many places around the country, arrested defendants sit in jail without attorney appointment for months or years. In some places only one lawyer exists to handle an entire public defense system, with lines of people waiting for a lawyer to be appointed. Due process is being ignored and violated across the United States, and public defense systems are chronically underfunded and overworked. Cutting costs is the primary concern, including in Oregon I've been told by lawyers, where requested resources for investigations are often denied. All of it seems very familiar to the reason why I was in the Oregon State Hospital after my 2005 conviction for a crime I wasn't even guilty of, and again of my time during this case sitting with no lawyer, and no work getting completed even when I provided the work and did the preliminary investigation for them. Many lawyers just sit and collect the paychecks, as money is often offered if an attorney merely recommends a person plead guilty, which is how it's ran formally and likely informally- in Springfield Oregon, it's ran formally there. Attorney's can then take on tons of case loads raking in the money, and performing little legal work in any of the cases.

Furthermore courts today are reported to be operating in the black world, with black operations entailing complete secrecy, with records of spying and warrants issued being secret and sealed without public inspection being possible, where the state courts issue more warrants for secret spying and parallel construction than the federal court system. Warrants are constructed after illegally spying on citizens, after police obtain knowledge of how to obtain evidence. Courts remain complicit and act

ignorantly to the process to hide their involvement, even after the NSA revelations brought the practice to light the issue isn't being raised in the courts, besides a few cases in Florida where public defenders discovered use of sting-rays secretly in a case without warrants or notifying anyone of it, the courts continue to operate without addressing the issue. In the Florida case, the feds pushed for a settlement when the judges ordered the devices to be turned over to the defense for inspection, preferring to not disclose details on the devices operation or mechanics, which plea deals the defendants unfortunately took. The deals were seen as too good to be true for the defendants per media reports, offered only because the states interest in protecting secrecy and public shame. It's obvious the technologies use violates the 4th amendment, but it's in use anyway. In my case, this could have been done for me, the technology, methods, and secrets could be ordered turned over to my attorney's, experts, self, and the public for inspection finally undoing the secrecy and crimes behind it all.

In the Lane County Circuit Court, between September 2013 and March 2014, I was arrested again and falsely prosecuted. I had set up my website and exposed abuse, the Secret Service and Pentagon began targeting me and actually came out to my house over my website as well with the Springfield Police. They wanted me to get arrested, they kept on abusing me, and they engineered the entire situation. During the case, the chief justice of the court, Rasmussen made remarks on the record indicating prejudice and gaslighting tactics. Another judge who worked for the Lane County District Attorney's Office during the March 13th 2011 case, and on the record he and my public defender whom there was a confirmed conflict of interest with were caught in court recorded abusing me. Marie Desmond was in cahoots with the police on this, with Jessica Saydack her pal her office coworker, and with a conflict of interest being admitted on the record, after she told me she was withdrawing per my request, and after she read one of my psychologists reports, she filed a motion to have me sent to the Oregon State Hospital to involve them so they could sabotage the case and get their word in to override my doctors report. My psychologists report was given to the judge, and knowing everything in it was true, sent me to OSH. No consideration for the fact my doctors opinioned I was abused at the Oregon State Hospital in the report was given. Marie did this also to cut me off from getting help, at least temporarily, its obvious she wanted a hot poker shoved in my brain by OSH to do me in, she delayed me getting her kicked off the case and the case was put on hold for months during the ordeal giving people time and opportunity to get to me and do damage to my case. She wrote me after I lodged complaints about her conduct including contacting the director of the Eugene Public Defenders, telling me my doctors report wasn't a valid report, when it was, as her defense and concluding she could not withdraw but would not be defending me until my return. Upon me returning to court, she promptly withdrew citing conflict of interest. Eventually my attorney's told me the state was fearful of me testifying about my abuse in court, and the district attorney filed motions to have the case dismissed proving such. Throughout the case I recorded my attorney's and came across witnesses in my favor and I filed it on the record. I obtained proof of injury.. They got rid of the case, as one attorney said, to prevent a jury from hearing my side. The attorney's themselves were buddies with the DAs, declined effective assistance of counsel when I brought up investigating the DA for misconduct regarding my abuse, and performed no investigation or work even after my civil rights attorney Shawn E Abrell had a conversation with them and made recommendations for investigation into who had done it to me as a starting point. This case will offer evidence of corruption of the Lane County Circuit Court and attorney's in Lane County and the state. It doesn't help that local cops and Oregon Department of Justice, and district attorney's use NSA, as the primary end users with

the FBI and DEA, their jobs are to defend the state and cops for misconduct in court not prosecute them. The case was dismissed days before trial. Furthermore, I had filed a Habeas Corpus, which it's possible they wanted to dismiss before it could be heard, and dismissing both cases may have been part of their strategy. Despite me continuing to be in custody and face violations including liberty restraint, my Habeas Corpus was dismissed as moot although on appeal stage attorney Jed Peterson backed me up fully with ongoing liberty restraint, 4th amendment, 8th amendment, and due process violations.

[Robert Duncan <xxx@harvard.edu> Mon, Feb 24, 2014 at 8:50 PM](#)

[To: Todd Giffen <case@oregonstatehospital.net>](#)

I know how angry you are. It is unlikely they will kill you but the torture sure feels like it. The real issue will be if they can get you to kill someone else or yourself. That will be your internal battle for awhile. Lowering your stress levels will slow the induction process and the rewiring of your brain. Valium helps. I wish I could say it will end well but most likely this will be your eternal battle. You are up against a ruthless computer program and people.

Aaron Alexis was obviously a target. No one can prove it to the FBI.

This email like most of the content I've provided was published before the state's dismissal of the Sep13-March14 case, and the state has had it's contents and info about my abuse the whole time. Not just from my publishing, but from spying on me, and controlling me and the situation, yet they've taken no action to indicate they were concerned if I died or was being victimized or not, indicating their full knowledge and complicity. I believe I filed copies of this and my doctors report in my Habeas Corpus as well, but the court destroyed the exhibits, including the DVD with video proof my abuse. I have a copy of the DVD luckily. My understanding is the court had no idea where the exhibits went, and could of destroyed them to hide the evidence I'd submitted.

[From: Robert Duncan <xxx@harvard.edu>](#)

[To: seth17279 <seth17279@aol.com>](#)

[Sent: Thu, Jul 17, 2014 12:36 am](#)

[Subject: Re: A serious interview of targets and whistleblowers](#)

Hello Dr. Farber,

I appreciate what you do for TIs.

I don't get involved in individual cases at all. The problem has always been a sound strategy to stop the abuse. Another problem is that these people operate above any laws and there are few skilled enough to decipher the signal intelligence impinging upon the victim. Evidence is difficult to come-by and certainly not understood by the common man that you would find in a court setting. Courts do not have the power to stop this. Public understanding and opinion could sway things but this is a long journey of education. I do what I believe can keep me out of prison and still help inform the populous.

Good luck,

R. Duncan

Bio of Dr. Robert Duncan, from his book [The Matrix Deciphered](#):

"True nobility is exempt from fear".

– King Henry the Sixth, Part II (Act IV, Scene I).

Call me The Saint. I am the all American - prep school, Harvard College graduating with honors in computer science and a minor in premedical studies, and advanced degrees from Harvard and Dartmouth in business and science. My famous ancestors are President Lincoln, King Duncan of Scotland, and Governor William Bradford, the first governor of Massachusetts.

My research interests have been neural networks, virtual reality, and EEG controlled robotics. Before graduate school I worked for the Department of Defense, Navy, NATO, and various intelligence agencies computer science projects. I have done business consulting and computer consulting for the largest companies in the world. I have been a professor, inventor, artist, and writer. I am one of the last Renaissance men.

My projects have included algorithms for Echelon and CIA natural language parsing and classification of document content, IRS formula for red flagging audits, writing the artificial intelligence code to automate tracking of the Soviet Nuclear Submarine Fleet and all water vessels, work integrating HAARP with SIGINT SIGCOM and SPAWAR. I have worked on projects for the Justice Department connecting local, state, and federal databases for the tracking of terrorists. I developed a system for the FBI to track license plates past toll booths and other locations. I worked on the soldier 2000 program to create body networks for reading vital signs and other information. A system I worked on called Snyder is operational in Iraq which triangulates on intercity conflict gun shots. I have been to a couple secret bases in the so called free world. I have developed telemedicine robotic surgery and virtual reality applications for the Army. For DARPA, I have worked on satellite computer vision target tracking applications and tank simulation as well as integration of the land, sea, and air surveillance systems like SOSSUS, towed arrays, and others.

Projects that I have worked on outside of government contracts include my thesis on computer generated holography, a project making paralyzed people walk again using choreographed stimulated muscles movements, face recognition, voice identification and recognition, finger print recognition, and neural network robotic controller. My research interests moved to enhanced reality heads up displays and wearable computing systems. My current research involves finding a cure for the mind control directed energy weapons fiasco. The integrated global surveillance grid is actually part of the holy grail of weapons and human control systems.

My apologies to the human race for my contribution to tyranny. I was tricked into thinking it would not be misused by corrupt government especially in my beloved country. I was wrong. The Joint Non-Lethal Weapons Directorate has Skip Green on the governing board. One of my old colleagues at a technology think tank in Cambridge partly in charge of the radio frequency weapons testing for neurological disruption now torturing and killing people worldwide. Several other US Navy and UK Navy scientists have been knocked-off and that is why I have come forward. I know my time maybe near. I am currently a professor in computer science and business, helping to educate the public on

government corruption, greed, and stupidity. Like my ancestor Lincoln, I am fighting against mental slavery in a new Civil War engineered by the same useless elements in over 80 government agencies who have tested radiological, drug, and viral weapons on unsuspecting Americans for over 45 years.

I have great pride in the fundamental and constitutional values of America and mean no disrespect by my blasting the incompetence, apathy, and stupidity of those involved in the conspiracy of involuntary biological, chemical, and psychotronic human effects testing. There are so many brave men and women serving in the armed forces who fight and protect us for the American values they believe in. But because of the silos of information called compartmentalization in the security agencies and the lack of accountability and oversight of black operations and some top secret projects, diabolical elements become rogue or worse destroying the very country they are tasked with protecting turning it into a hypocrisy rather than a democracy.

My goal is to awaken Americans to the continued horrific acts of military and CIA weapons testers in this country and the other branches of government's inability to stop them and hold them accountable.

All I ask from the reader is to listen to testimony and validate facts presented here and come to their own conclusion. Then fight to win back America from this silent overthrow. This has been my project for about two years, investigating government corruption, incompetence, and cover-up upon which I accidentally stumbled one day while looking at a reverse MRI scheme to inject electromagnetic signals into the brain for virtual reality applications. I have interviewed over two hundred people and worked on the highest level of military projects for the U.S., NATO, and U.K. and have given videotaped testimony to senators and representatives on this topic resulting in lip service since they have no real power to enforce. Two high level FBI agents and a couple CIA agents have come forward to validate the existence of a MKULTRA like project that continues to grab random people for mind control experimentation. Two of these have since become part of the program and endure daily psychotronic tortures. All the torture can be done using directed energy psychotronic weapons with the so called continental ballistic missile surveillance defense grids.

I apologize to the human race for any contribution to these 4th generation weapons that I may have worked on that are more horrific than the nuclear bomb and whose cover-up is more pervasive than the Manhattan Project. And because of the horrific acts of violence being committed on as many as two thousand Americans as far as my research has uncovered and many others in other countries, I understand the extreme risk to my own welfare that publishing this material will have. But freedom is so important to me that I know full heartedly that the human race must have an open discussion on these weapons to decide their own fate before the point of decision is gone, that I am willing to risk divulging so called national secrets. All I offer you is the truth.

All information presented in this book was received through legitimate channels such as the Freedom of Information Act, military documents, victim testimony, and turned agents. I still hold valid the oath I took to keep secret the details of the projects that I worked on under DoD budgets. The majority of the proceeds of this book will go towards helping the psychotronic experiment survivors and surviving families of those that have perished. When the government fails, business and the citizens must look out for each other.

Dr. Robert Duncan AB, SM, MBA, PhD appeared on Coast to Coast AM Dec 5th 2006 and blew the doors off this in the below episode. He also participated in the operation of a website to bring down

the United States for this, called thematrixdeciphered.com which contained highly classified insider perspectives and information.

Energy Weapons & Testing synopsis:

Independent investigator Robert Duncan discussed directed energy and neurological weapons and his contention that they've been tested on the public at large. While directed energy is used in microwaves, to remove kidney stones, and in non-invasive surgery, it's also been developed extensively for military purposes, he reported.

The civilian population was targeted for experiments, in programs such as MK-ULTRA, starting after WW II, when Nazi scientists were imported to the US, some working on scalar or gravity weapons, said Duncan. The town of Taos, NM, where a hum was heard by many citizens, was the subject of a directed energy experiment by the U.S. Navy, he claimed. And most recently the Active Denial System (see article below) was tested on human subjects.

Duncan said he interviewed over 600 mind control victims (Dec 5th 2006 report), and found some validity to their allegations. There are weapons that can project voices into people's heads such as one system known as "The Voice of God," he detailed. Blocking techniques include jamming the signals with electronic scramblers, and using shields with metal alloys or mylar. He recommended the following websites for further information/assistance: mindjustice.org, raven1.net, freedomfchs.com.

The Goodbye Weapon

A new non-lethal weapon, the Air Force's Active Denial System, or ADS, has been certified for use in Iraq, after extensive testing. The ADS shoots a beam of waves that causes extreme (but temporary) pain and induces what experimenters call the "Goodbye effect," or "prompt and highly motivated escape behavior." Wired News obtained documents about the weapon and has published two reports (article(1)/documentation(2)). Additionally, the report's author David Hambling has posted a commentary(3) on the subject at Defense Tech.

1. <http://www.wired.com/news/technology/0,72134-0.html>

2. <http://www.wired.com/news/technology/0,72236-0.html>

3. <http://www.defensetech.org/archives/003036.html>

Coast to Coast AM guest bio:

Dr. Robert Duncan holds multiple degrees from Harvard University and Dartmouth College amongst others. He has had the most expensive American education money can buy. He is an investigator, author, and soon be movie producer on the topics of directed energy, neurological weapons, psychological, and information warfare. His movie is called "The Enemy Within - Psychic Warfare". A book he is co-authoring will be out in a few months called "Hacking the Human Mind".

Dr. Duncan has worked as a business and information technology consultant to the Fortune 500. He has worked for companies like Oracle Corporation, BEA systems, HP, BBN, and as a professor at a college. For the department of defense he has written the artificial intelligence code to track the

Soviet nuclear submarine fleet with passive and active acoustical arrays and has been to a couple secret NATA Navy underground bases in Europe.

Since this show, he has been on TV including TruTV with Governor Jesse Ventura, and many many radio shows. He has been on the radio with NSA whistleblower William Binney, and CIA op / torture exposure / whistleblower John Kiriakou.

Dr. Robert Duncan and me have chatted a ton over the years. We both went on the same radio show after the release of the CIA Torture report by the Senate January 2015, and later in 2015 he asked me to host the following report on the matter for him. He also asked me to update my website for the German and Spanish release of his books, Project: Soul Catcher: Secrets of Cyber and Cybernetic Warfare Revealed and How to Tame a Demon: A short practical guide to organized intimidation stalking, electronic torture, and mind control. I'm the official hoster of this document, describing the torture tactics used on me. These are hidden classified interrogation, remote rendition, torture, mind control, interferometry, electronic warfare tactics. The Senate has lied, covered up and concealed these acts yet remains totally aware of the terms and tactics (Senator Feinstein's office used the term I never heard before when I complained of my abuse- the women called this remote interrogation techniques, which their office was very concerned was being used illegally domestically- the ability to beat someone up, and talk to them in their mind, used by the CIA and agencies domestically), and continues to refuse to publicly investigate or document these atrocities. These are programs still going on, after the Bush era torture program, under the Barack Obama administration, in Oregon and every state of the union. I remain a target being tortured now with these techniques. Evidence of my continued custody, surveillance, interrogation, stalking, harassment and torture goes against the state.

The Executive Summary:
Neuropsychological and Electronic
No-Touch Torture Report

Based on "The Torture Memos" and the Senate Intelligence Committee's Declassified "Torture Report"

By Robert Duncan, A.B., S.M., M.B.A., Ph.D.

04/2015

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Torture is a horrific topic and most minds will turn away from it because it can't be comprehended that humans can be motivated, or computer programs can be run to do this to other sentient beings. Just when we believed we were becoming more civilized as a culture, the technology for torture has advanced more than a hundred fold in recent decades.

This summary will get into 'the minds of the dishonorable monsters' of the psychology of torture. Those like Dick Cheney who helped authorize it under certain administrations and regimes of the U.S. government which have been proven to be criminal under U.S. law, treaties, and the International

Criminal Court. There are many people involved in the conspiracy and cover-up including General Hayden.

The full report discloses the spectrum of techniques of interrogation and torture used by the U.S. and its allies. The United States government will officially deny the claims of this “no-touch torture report” but in time it will stand firm.

The technologies used are still classified as state secrets and will not be discussed in this summary. The torture methods have been leaked through thousands of American citizens who have survived the no-touch torture programs. The research and testimony has been accumulated since 2002 and merely used as examples but the names of the victims are withheld.

This report will not use skewed, misleading language such as “enhanced interrogation” to describe the torture techniques.

Why torture? The CIA claims it works. The assumption is that it works to gain actionable intelligence. Torture is often used for revenge, punishment, interrogation, and behavior modification. In other terms torture is used to remove the continuity of thought to confuse the target to reveal information, erase brain patterns such as values and beliefs, or to break down the human spirit to make them submit and obey their handlers.

The downside of torture is that the countries that do it lose “moral soft power” in world politics. Without due process, over 25% of those reported in the Senate Torture Report were declared innocent. Blowback is always a repercussion of torture. Torture often takes a long time to affect the target from months to years. Torture has shown to be unreliable except for getting false confessions and bad information but the U.S. and its allies are improving on their tactics and techniques.

The purpose of this report is to draw the parallels between physical torture techniques and no-touch torture methods used in secret by governments who possess the technologies that still go on today. This is a brief summary of offensive psychological and information warfare methods using traditional methods and modern cybernetic techniques while exploring hyper-game theory to walk the target to the desired path: leak intelligence, commit assassinations, or change beliefs.

Numerated Torture Methods for Interrogation and Behavior Modification

(A comparison between physical and no-touch torture tactics)

1. Induction of Depressive/Manic states

The idea is to shake up the emotional states of the target because different information can be accessed at each state. Making the target feel despair and helplessness is the objective. This cycle of hope building and then breaking is done in many ways. The techniques between the physical methods and the no-touch technological methods are similar. Speech is very important during this process of emotional manipulation. Such examples are, “We have imprisoned you without due processes or hope of it. You are indefinitely detained.” Hope building examples include, “Sorry. We

have mistaken you for someone else. You will be compensated for false imprisonment and torture.” The main difference between the cybernetic technology and physical is that emotional state clusters can be entrained into the target mind which speeds up the process. The communication is done differently but perceived as human speech. In the no-touch torture methods it is helpful if the target is labeled with mental illness that is being created for discrediting purposes so as not to draw human rights groups’ attention.

2. Memory Erasure

The military and CIA have been researching memory erasing drugs for half a century. The focus of this summary report is on interrogation. Memory erasure is an important technique during interrogation. It is used in combination with sleep deprivation. There are many drugs that have been developed for physical memory erasure. One such interrogation method requires acquiring information from the target while on these drugs and recording the subject. After a sleeping cycle, the interrogator claims that the target has confessed. Of course the target remembers nothing of their conversation. The interrogator will play samples of the subject’s conversation back to them making the subject believe that the interrogator knows more than they do. Similar techniques are used in the wireless, no-touch torture and interrogation programs. The cybernetic methods of memory erasure have additional purposes. The memory erasure can be used on the cybernetic target to make the target believe people have broken in and moved their belongings. While physical black bag jobs do occur, it is a way to make the target more paranoid.

3. Electricity and Shocks

Pain and fear of death are common tactics during interrogation. Shocking by electricity is a traditional method of torture and exposed in the CIA’s secret prisons. Shocking the testicles and nipples are the most common due to their sensitivity. Interestingly, the thousand of interviews of no-touch torture involves “stings” and “shocks” to various parts of their bodies over long durations.

4. Fear and Terror

There are many techniques to induce extreme fear in the target. In physical renditions dogs, power drills, guns, insects, mutilation, blow torches, water boarding, suffocation, mock burials, and mock executions are just a few the United States government have used. Remember that many targets of torture die from the physical effects. It is torture to death.

Let us compare the no-touch torture methods used to inflict the same terror and mental anguish. In several of these techniques the target needs to hear their handler’s voice. This report does not describe the technologies used to broadcast voices to the target at a distance. While the subject can be broadcast mental images to their mind using hypnosis and other suggestions as well as visual entrainments, the more invasive controls of the brain manipulation technologies can be used to entrained the brain’s autonomic nervous systems such as not breathing causing the target to not be able to sleep from fear of suffocation equivalent to water boarding. The neural linguistic programming can add fears such as heart attack, stroke, and cancer threats. Even motor cortex mapping can cause twitches in any part of the body. One example used a swift neck movement with a voice transmission, “We are trying to break your neck.” Directed energy effects such as Active Denial System can make the target feel that they are on fire indefinitely without the target dying from burns. Maximum pain and torture weapons have been evolving. Every drug effect can be artificially induced into the target mind including those of poisons.

5. Imprisonment and Isolation

Isolation is commonly used as punishment in prisons. Many whistleblowers like Bradley Manning suffer this condition. In soft interrogation it is used to get the target to talk to their interrogator since humans have the need for companionship. In no-touch torture the target is driven from their friends and family using different techniques in order to isolate them so that the electronic mind control has more effect on their psyche. Like in Guantanamo, the target becomes isolated losing their job and medical care. Part of the method involves slander in their community. They end up on the most part in poverty and paranoid about doctors and other people from false correlations that are purposefully induced into their lives. Isolation is also a form of sensory deprivation which will be discussed later. Days and weeks lose their meaning.

6. Sexually Disturbing Tailored Pornography

The Summary of the Senate Torture Report disclosed the disgusting revelations that in the secret torture prisons the targets were forced to perform homosexual acts on each other against their will and religion in order not to be beaten or killed. This is a common break down tactic of belief systems and the human will. In no-touch torture the techniques are more psychologically specialized for each target. Most common examples include homosexual targets that are forced with voices that are derogatory to their lifestyle and similar mental images. Almost all targets are forced to view child pornography in their minds. And vice versa is true, that heterosexual targets are forced to view homosexual sexual acts like in the secret U.S. torture prisons.

7. Mutilation

Also mentioned in the declassified report on torture was mutilation of the human. Cutting the naked target's penis and scrotum, pulling nails or teeth is common. In no-touch torture mutilation is done by trickery. Let us look at a couple examples. There have been several targets who believed that the microwave hearing effect and other voice induction methods were done by microchips implanted in their teeth or ears. They had all their teeth pulled because they believed it was a technology called bone conductance. Others have poked out their ear drums in the belief they had micro implants in their ears. There are many more examples of trickery used to make the targets mutilate themselves.

8. Personal and Spiritual Defamation

In physical torture the CIA and other groups use propaganda and defamation of character for those they oppose. For detainees they try to disenfranchise the target from their religion. They will defecate on their Bible or Koran for example. They might say, "Why is your God not saving you?" In no touch torture and behavior modification they might try to make an atheist believe in god. It is just a mechanism to alter belief systems for control and experimentation. Perhaps the target may wish to confess their secrets to a "voice of god weapon". Information warfare covers the gamut of electronic communication as well. The government training exercise uses language like "befriend", "infiltrate", "mask/mimic", "ruse", "set-up", "disrupt", "create cognitive stress", "use deception", "ruin business relationships", and "post negative information on appropriate forums" - in a malicious effort to target bloggers, activists, journalists, social event organizers and anyone else deemed to be a 'emerging leader' or voice in the public sphere.

9. Psychological Intimidation

This is a topic for a target at the beginning of the trials and programs. Physical break-ins are common even if the target has an alarm system. The NSA has used stalking of foreign officials in the past for economic gain. The FBI does black bag jobs to invade a home without a warrant. The point is to let the target know they are being watched and to increase their paranoia. The NSA easily hacks all computer systems and causes harm to the victim's intellectual property and their relationships from that endpoint. In the no touch torture false correlations between pain and a neighbor coming home can be induced.

10. Rape

Rape is a common practice in torture. It causes much psychological trauma. In the United States methods of rape in their military and CIA secret prisons it is often relabeled. It is commonly done by prods but "rectal rehydration" is the more common misnomer. Often they call it forced feeding through the rectum but it is meant to induce psychological scaring and trauma. Several have died from the technique due to rectal bleeding. In no-touch torture the psychological trauma of simulated rape takes on different forms. Using technique often called EEG-heterodyning the targets will receive molestation effects of their genitals. In men this can be the anus and genitals. Similarly women can be wirelessly raped by the analogous function of perception.

11. Dietary Manipulation, Forced Weakness and Sickness

The idea behind dietary manipulation is to weaken the target. This is easily done in a physical setting but in no-touch the hunger trigger needs to be suppressed. Sometimes a false correlation between eating food and sickness is induced to make the target believe they are being poisoned. However, poisoning is common in physical renditions too.

12. Repetition

Verbal breakdown is most important during interrogations and torture. Obviously speaking the language of the target is necessary. This is why there are interrogators in all languages. Repetition is an important neural linguistic programming interrogation tactic to influence the target mind. During the breakdown process, threats to kill and to torture the target's family or friends are common. Repetitious questioning and breakdown phrases are automated in both the physical and no-touch versions of torture. An interesting technology that is used for no-touch torture is called chatter bots. Chatter bots, an artificial intelligence program, automate much of the repetition so that the interrogators don't drive themselves crazy during the neural linguistic torture and programming phases. Let us not forget the Chinese Water Torture, a single drop of water on the forehead of the detainee for months. Repetition is a form of torture.

13. Sensitization of Pain Impulses

While the reverse can be obtained, optimizing perceived pain and misery is the objective in torture. Each trauma adds to the overall misery throughout life. Optimization of pain has been studied by the military and intelligence agencies. In the past the CIA has used drugs such as LSD to enhance fear and terror in the subject. Other methods such as hypnosis can increase perceived pain and the power of suggestion such as telling the subject his pinky finger is going to be cut off before it is done. In no-touch torture the same psychological manipulations are exerted. Subliminal and overt suggested are often told to the subject before the directed energy or EEG heterodyning pain inductions in order to maximize their effectiveness.

14. Sensory Overload and Deprivation

Again, this technique of overloading or depriving the human of sensory stimulus is ubiquitous in torture around the world not just in U.S. secret prisons. Torture subjects in the United States have reported the use of repetitive bad music and noise campaigns. An unusual torture technique used in the U.S. secret prisons was of a use of a plastic suit filled with ice while they beat the target. Ultra bright lights for days on end in the prison and hot/cold temperature changes in the environment are frequent. In no-touch torture, the target's brain is forced to release dopamine which causes pupil dilatation. This acts as a sensory overload. For example the non-lethal microwave weapons research done by a professor in University of Nevada has shown this capability. Body metabolism can be altered with these weapons causing cold and hot flashes. Targets of no-touch torture often hear endless tinnitus.

15. Sexual Humiliation and Lack of Privacy

Often used in common prisons is a lack of privacy. It is both necessity for security and a form of sexual humiliation. Also in prison many people are raped. No-touch torture offers the same sexual humiliation and lack of privacy by using through wall radar, cameras, and EEG visual cloning to let the target know they are being watched. Degrading comments are often used on the no-touch torture subjects while they are naked or in the bathroom.

16. Maximum Sensory Pain Techniques

Basic torture involves brutalization, i.e. physical strikes, kicks in the groin, pepper spray or tear gas, etc. Anything that involves maximum pain is the objective. Amazingly, these same basic tortures can be done wirelessly into the human mind. All forms of sickness have been reported without any real illness behind the suffering. All suffering can be entrained into the minds of no-touch torture subjects.

17. Sleep Deprivation

This is the number one torture method along with the popularity in the press of water boarding. This is done in every country that uses torture. The United States is number one in torture since they are currently the world's only superpower. A repetitive sleep deprivation cycle is generally done 180 hrs/7.5 days at a time in the physical renditions, or in no-touch torture five days awake and two days of sleep. Sleep deprivation accomplishes the objective of memory loss during interrogation and induces hallucinations which help with the interrogation process. In behavior modification and programming it is necessary too.

18. Stress Positions

Keeping detainees handcuffed above their head and to walls so that they must stand for days is a common ploy in torture. These types of poses are called stress positions. They can be mimicked in no-touch torture. An example of one such trick requires the target to believe they can deflect radar energy using pots or pans and that it is directional. The target is being given an ample amount of pain until their hands and arms are spread apart holding the pans trying to block the signals. They must maintain that position in order to get any relief from the torture signals. However the stress position itself is physical torture. Often accompanying this technique are voices saying to the target, "You are doing it to yourself."

We will finish off this summary of U.S. and its allies' torture, interrogation, and behavior modification experimentation with ideas of why they are done to the general public and falsely accused detainees. Anyone can be put into these programs. Justice and rule of law does not exist at the highest levels of government. Treaties are worthless because the #1 agreement in the rules of war, a ban against torture, is not obeyed. This creates a more brutal and barbaric society lead by example.

No-touch torture uses the same interrogation tactics as physical interrogations but with some new twists. Techniques such as "Jeff and Mutt" a.k.a. "Good Cop Bad Cop" are used. The bad cop tortures the target and the good cop tries to gain their trust. In mind control, trust games are commonly employed to manipulate the beliefs of the target. Creating hatred of groups through false correlations and deception is a common CIA method of trickery.

In the CIA programs, the target is put through these phases as written in the documentation, "Disorient and confuse the target. Use them for our purposes, and then dispose of them in any way possible." We can only surmise by our sample set of a thousand people what "dispose" means: prison, suicide, or perhaps a mental hospital. Coercing and torturing people to suicide is very common. Both tactics in physical or no-touch torture involves plausible deniability.

The no-touch interrogations are better than physical rendition techniques for exposing support networks. Traditional NSA tracking of email and phones calls are useful but if the targets are taken into a secret prison they can't contact their networks. In no-touch torture, the target will contact everyone who might help them. Then those relationships can be destroyed to isolate the target. All these techniques rely on the target having a fear of death and pain.

Deception is very important during interrogation. In physical interrogations the targets are often drugged. This creates the confusion necessary to pull off certain trickery. In terrorist interrogations, for example, the CIA uses fake newspapers to make the target believe whatever event they were suspected of plotting had already happened, obviously looking for a confession. Sometimes the government in charge of the torture is looking for a political gain through a false confession. None-the-less false flag operations are commonly used in both forms of torture and interrogation. The trick is to make the target believe another foreign country is doing it to them. In no-touch torture the trick is to make them believe someone related to them is behind their suffering.

Voice transformation and morphing is an interesting technology also used in both physical and wireless interrogations. It is a form of deception used against a target to trick them into believing that they are speaking to real people that they know. It has been used in war to trick generals. Obviously spoofing email and other identities on internet forums can be used in this manner too.

Finally, the topic of human experimentation for improving weapons, torture, interrogation, and social disruption methods will be breached. Most of the techniques mentioned above work most effectively if the target has no SERE training (Survival, Evasion, Resistance and Escape) or psychological understanding of the methods to influence the human mind. Unfortunately, every sample point in the world's society needs to be studied to improve the weapons systems. This is why many random people are put into the torture and mind control experiments. There are some devious uses of a

secret army of remote controlled assassins in every country in the world. The samples must include different education, language, culture, and economic factors. Obviously, silencing dissidents, oppositions of political parties, and whistleblowers are included in the lists of applications. The most disturbing of the trends in torture is testing and improving it. No-touch torture is much more complex than physical torture. Testing design flaws and weaknesses of the signal intelligence is one reason why it is necessary to test on innocent targets. Often the subject will be taunted by the statement, "Try to stop us." This statement forces the torture subject to try to figure out shielding and jamming techniques to stop the wireless torture and helps the weapons designers to improve on the system.

However, the psychological and perceived physical pain is only half the story with no-touch torture. It also involves a set of scripts, mind games if you will, to walk the target to murder and/or suicide. This is called "Hyper Game Theory". It is used in war games to determine how to control your enemies and targets. Game Theory can be used on governments, individuals, or for determining propaganda to alter cultures. The experiments on the public provide a means to test the efficacy of these scripts and determine under what circumstances to use them.

One last comment on why "We must guard against the acquisition of unwarranted influence, whether sought or unsought, by the military industrial complex" as President Eisenhower warned. During these torture programs run by the United States and its allies, accurate "truth" data points need to be used to judge the efficiency of the interrogation methods. This is why there is a dispute between the CIA and Senate Intelligence Committee reports about the usefulness of torture. Subterfuge by the CIA hacking into the senate oversight committee's computers is a big deal; a rogue agency has been formed. Data fusion centers, Homeland Security Data Fusion Centers, NSA, and FBI collect data on Americans. This data in turn is used during torture and interrogation of Americans in no-touch torture.

In terms of the satellite / ground based radar use to see, track, scan, and electronically seize patients, this violates the 4th amendment per the US Supreme Court case *Kyllo v United States*, which banned through and off wall imaging technologies of citizens homes without warrants back in 2001. The opinion written by Justice Scalia, was future and classified system covering, as the justices said it should cover future and already in use technologies, such as satellites and radar which uncover the happenings and intimate moments in citizens homes. How does this impact my case precisely, if this was done the whole time, pre-arrest, and pre-trial, and after-trial?

But as we know and many NSA whistleblowers will say including Thomas Drake, William Binney, Russell Tice, Edward Snowden and the like, since 9/11 especially the constitution has been subverted, and military surveillance has been used without warrants to tear America apart.

I've now performed my own private investigation, and obtained numerous doctors backing. They've backed me up as a victim who's targeted, faced murder attempts, torture, and the like. They confirmed I have no psychosis or delusion or thought disorder, but the abuse has caused traumatic brain injury, and post traumatic stress disorder and physical injuries.

I've come across witnesses in Eugene Oregon who wanted to testify for me, and I reached out to experts online who are former government employees, who whistleblew on this, who worked on the system or used it in some way. One of the governments top surveillance/weapons architects, Dr.

Robert Duncan AB, SM, MBA, PhD backed me as a victim and said I was a target of ruthless people and software per above, and that the torture sure felt like they were going to kill me, but they'd probably actually seek to get me to kill myself and others instead. This has already happened to several former government employees, including Navy Yard Shooter Aaron Alexis, New Mexico Public Defender and Prosecutor Myron May, and Gavin E Long the former Marine who hung out on targeted individual websites on this and shared similar opinions and statements to me and committed a mass shooting against the Police July 2016 ultimately killing three officers before he was shot dead himself. The newspapers highlighted how Gavin E Long was the third 'targeted individual' to go on a mass shooting- in the same class of people as me and the others. There are said to be thousands of targeted individuals.

I've spoken at Left Forum 2016 at a panel on this where I met media celebrities and speakers. Many were already familiar with this and had positive things to say, including the plenary host Laura Flanders who told me there is no one she knows doubting everything I say is true, and she herself went to conferences on this in London. Laura personally handed me a flyer at Left Forum after we talked, detailing how her TV show reaches 230 million people. She has been on ABC and numerous mainstream TV shows before including Good Morning America. I've been on the radio multiple times. I've been on TV holding protests over these events, including KEZI ABC channel 9 news in Eugene Oregon over this with MindFreedom International's support. I protested to Barack Obama and White House with 20 other victims covered by radio show host Pete Santilli, which I have a recording of, in Washington DC. I've interviewed and am currently working with VICE.com on a documentary on how the government treats us 'targeted individuals.' I interviewed for and was put into a slot for season two of a targeted individual documentary that was to air on Discovery Channel in 2014, but season one while filmed never aired. I was invited for the head spot on a TV show called Targeted The Series in 2014 but needed funding fell through.

I've collected over 50+ expert witnesses who could testify including top doctors, whistleblowers, scientists, lawyers and the like.

I've been told by my psychologist, Dr. Purna C Datta PhD a professor from UC Irvine, and managing psychologist from California's state hospital system and California Youth Authority that he believes me, and that he saw similar abuse in California including raping and threatening of patients with murder, and murders of whistleblower staff who told about abuse. He says state employees are violent and dangerous, and for the abuse and crimes I witnessed the state of Oregon and state hospital staff would protect each other, and want me dead. The type of things I got involved in, such as the early sexual abuse and physical assaults that happened to me, the witnessing and reporting of events and crime, and bullying I experienced, they would try to kill me for it and use drugs as weapons and torture me. He tested me and confirmed I have no psychosis or delusion, and diagnosed me with TBI and PTSD from the abuse. Dr. Misty Getrich PsyD is the wife of a district attorney in Modesto California, and she told me "she has no reason to doubt me." She knows the cops and many places are corrupt. She compared my situation to the police running human trafficking rings, and being the primary customers, and it being impossible to shut it down, which is something she personally knows about is a problem. She formerly worked in the sheriff's department herself, and EMT / hospital work in California. She backed me up 100%. She said I was preaching to the choir on it explaining my case. Her husband remains a top prosecutor in Modesto California today and all the police in town know the two by name and from social gatherings. She diagnosed me with PTSD from the abuse, and

advocated for me to get help. Dr. Seth Farber PhD also backed me up as a victim, a targeted individual, with no signs of schizophrenia or other mental disorder besides damage from the abuse and trauma. Dr. Seth Farber PhD is an expert on this after reading about the mass shootings done by Aaron Alexis, which he complained about getting targeted prompting his research into the matter in 2013. He has now read many of the targeted individual books and followed this for three years. Me and Seth do routine radio shows together. Seth and Dr. Lauren Tenney PhD Adjunct Professor at CUNY, did the Left Forum 2016 panel together on this and psychiatric abuse, titled Neoliberalism and the "Mental Health" System- The Failure of the Left. Lauren and Seth backed me up and had me speak to the room of people on the matter. Tenney discussed her knowledge on it including Barack Obama's Brain Initiative, implants being tested on Veterans, DARPA implants and programs, and New York City xray police vans which allegedly can see into buildings and homes but remain secretive and information denied to the public. 4000 people and huge celebrities speak at Left Forum each year, including past speakers Michael Moore, Jesselyn Radack the US DOJ Whistleblower and attorney of the NSA whistleblowers, Thomas Drake NSA whistleblower, William Binney NSA whistleblower, Amy Goodman of Democracy Now, Chris Hedges the author, Noam Chomsky, and many many more.

Cathy Meadows MA, Ron Under LCSW, and Cheryl Haun MA also backed me up as a victim and tried to help me build a legal case against the state.

"Panel Proposal/Workshop Information

Panel/Workshop Year:

2016

Abstract:

Despite leftists' critical stance towards capitalism and its mediating institutions, with a few notable exceptions the mental health system has largely escaped the critical gaze of the left. Leftist mental health professionals are rarely critical of the system as they were in the 1960s. Few mental health professionals support the movement of the oppressed within the system—now called the psychiatric survivors' movement. And yet today, the system has shed its humanistic vestiges and morphed into the pharmaceutical-psychiatric complex and like the MIC, counts upon the assistance of the corporate State for growth and legitimacy. Today psychiatry and its allied disciplines have become mere adjuncts to the multi-billion dollar pharmaceutical industry. In order to provide its members with upper middle class privileges it serves two functions: 1) it acts as drug- marketers for the pharmaceutical industry and 2) it serves as a means of "social control," softer than the prisons. Seth Farber, Ph.D. will discuss the above using as text Bonnie Burstow's book *Psychiatry and the Business of Madness*. Lauren Tenney Ph.D. psych survivor and Assistant Professor at CUNY, will discuss how the FDA has helped the electroshock industry instead of protecting the public interest. Todd Giffen, a psychiatric survivor and a TI (targeted individual) will discussion cooperation between psychiatry and the deep-state."

My neurologist Dr. Stefan Harold told me the repetitive injuries they caused to me in jail during this case would have caused chronic traumatic encephalopathy, and that's the symptoms I described and he observed. Each time I was hurt with the weapon in jail, a stronger and stronger response occurred inside me, and the damage got worse and worse, as my brain function locked up more and more, cells died, and tissue became mutilated and concussed from irradiation and injuries. They called it shock

therapy each time they raped me and forced orgasms, stimulating my genitals with directed energy, etc. I have been raped over a thousand times and have kept a log of each rape from the time I was in jail and at the Oregon State Hospital. Due to neurological damage I have from the meds, each orgasm I have causes my muscles to tighten, a dystonia, which clamps the muscles around my brain and in my heart and other body parts. Blood flow, origination, is reduced and brain and organ damage has been done that is very severe.

One of my attorneys did obtain an outside doctor evaluation at my request in 2013 before trial but it wasn't quite what was promised, Dr. Hardt diagnosed post concussion syndrome and thought I had brain stem damage and thought an MRI would be useful but it was never obtained by counsel or the courts. He diagnosed a situational anxiety disorder based on blood work indicating such, backing up my torture and abuse in the long-term. Despite hospital and jail doctors abuse and refusal to diagnose or treat, their deliberate indifference and 8th amendment violations, Dr. Hardt said my symptoms were obvious. This is the lead up to me eventually being diagnosed with CTE, and TBI after I get out of custody and seek other physicians with which a conflict of interest didn't exist, and physicians who were out of control of the state system, which are also hard to afford because Medicaid doesn't pay for them. After this diagnosis which I got in a trip from Lane County Jail, no treatment or care was offered despite my medical need. Dr. Hardt agreed with me when I asked him in his office if it would impair my ability to participate in court and defend myself. My attorney did nothing with the report. It might have even been evidence that the attorney didn't act accordingly sooner or something and didn't do a proper job.

My doctors today have recommended I receive an fMRI, DTI MRI, HD Fiber Tracking MRI to document the damage for my legal case and medical needs, as Dr. Purna C Datta PhD wrote in his report. I have a super high IQ of 126 which is above 95% of the population, but I have clear and evident damage and I need help recovering. I could go on to possibly get a PhD he said after. Neuro rehab, and psychotherapy and EMDR for my PTSD. The brain scans will differentiate PTSD and TBI/CTE symptoms which often overlap, and once my Neuro rehab is done I can do the psychotherapy and EMDR but not until. The evidence of my brain damage as he found evidence of in his neuropsych testing, as the brain scans will show, they did it all and can't refute it or claim they didn't do it any longer. Their goal to cover up my injuries and hide their crimes is what has went on here. In the Benton memory retention part of his tests, a 110 IQ should be able to perform 9/10 tests accurately, but I can only do 4/10 with a 126 IQ. My IQ is above the PhD average of 120. I immediately forget things I see and hear. I am almost completely neurologically blind and deaf from the damage they caused to me. I have visual and auditory memory damage.

From multiple experts I've talked to, and I have video, affidavits, books, and emails and material from all of the people, the government has this targeting system in place and uses these tactics. I've confirmed material from Dr. Robert Duncan, NSA whistleblower William Binney, NSA whistleblower Russell Tice, NSA whistleblower Thomas Drake, NSA whistleblower Edward Snowden, Dr. Webster Tarpley PhD, Dr. Fred Bell, FBI Special Agent Ted Gunderson, Alfred Webre JD, Dr. Judy Wood, and more. Dr. Webster Tarpley PhD who I spoke with at Left Forum 2016 believed me and what I was telling as I spoke during his panel on COINTELPRO 2016: the Post 9/11 national security state was afraid if he shook my hand he would feel the murderous energy impinging my body at that moment. Me and Tarpley hung out after his panel, and he took selfies with me. A gang stalker/counter surveillance operative stalked me and Tarpley and whistled at me while with him, which I have

recorded, and he wasn't the one only as they also let me capture one agents license plate (video from security at the venue may still be available, need attorney to get it) (they follow me around, deliberately whistle at me, letting me capture it with my Mic and everyone witnesses it around me, and they have store clerks do it and police officers. Some are uncover agents who do it, others are on duty. Furthermore originally Oregon State Hospital staff started this at me on custody, and it was done in Lane County Jail by sheriffs as well, and around 16 inmates and patients signed statements on it which my attorney was given, but yet my attorney never talked to anyone about it. The recordings back up I am still a victim today. They are admitting it and don't care if they get caught. It was even done by police officers at the Senate building on Capitol Hill Washington DC which is on my website to listen to. Eugene officers did it as well. Staff at OSH used to whistle at me and make noises under their breathe in case I reported it I might sound crazy. It indicates they have a secret tracking and communication mechanism, and are actually irradiating me and hurting me as I claim. It indicates that I am the target specifically. It indicates I am still in custody, perhaps indefinite detention by the executive branch, NSA, military, police, etc. This is a whole world prison for people fully in their control 24/7, and I am their inmate and victim and so is everyone else.). FBI Special Agent Ted Gunderson wrote an affidavit confirming this level of targeting is happening to citizens before his death in 2011, which have. Alfred Webre JD co-authored the Space Preservation Act of 2001 that would have banned the technology behind these attacks but Congressman Dennis Kucinich caved to the DOD/CIA and never got the bill passed and heavily edited it in later versions removing protections and language after unfavorable DOD executive comments etc. William Binney spoke at the Covert Harassment Conference of 2014 backing up all the NSA and FUSION center tactics.

According to Tarpley, and this checks out with several of the other people who've written about it and done video interviews above, NSA sits at the top, spies on, targets people, and the NSA data is passed to the FUSION CENTERS with 1.5 centers per state, the FUSION CENTERS integrate the federal military, CIA, NSA, Navy, Air Force, Homeland Security, FBI, with the State's attorney generals office, state police, and local sheriffs and police departments. NSA is used to spy on everyone and build the cases against people in criminal, civil and other cases, and each case is a parallel construction, and lies are told in court, police records, press releases and public announcements to hide the use of NSA in each case. That means every criminal case today is a fabrication which NSA William Binney talks about. This is kept off the record, and from the defendant. It doesn't mean the defendant is truly guilty, or that law enforcement did a good job at creating the case, as frivolous cases and convictions are brought. During COINTELPRO between 1950-1970s many frivolous cases were constructed and guilty verdicts of innocent activists and people were obtained, so it's not hard to see them doing it today. Their protection was secrecy, being able to run these programs and keep it all secret from the public, as they thought no one would ever be able to review their operations. Back then, NSA was used by the CIA and FBI to target and harass innocent people, activists, lawyers, news journalists, civil rights leaders, womens rights groups, etc including Dr. Martin Luther King who was tapped and bugged and subjected to psychological warfare to obtain his suicide admitted to by the FBI- the FBI knew King was cheating on his wife, and constructed a letter to King anonymously to push him to kill himself out of fear he was discovered as a fraud and the information on his beast self would be released, which is available all over the internet today. Electronic Frontier Foundation attorneys list this as an example of why the government shouldn't be able to spy on and collect data on citizens due to the overreach and abuse of information collected on people. According to FBI records and Senate Church Committee that investigated all this in the 1970s and confirmed it all, they even took out mafia people to murder

citizens. Harassment and under the table abuse is done without bringing criminal cases. Online trolling, death threats, slashing of tires happens, gaslighting where they attempt to drive a target insane/make them feel inside, roleplaying, touchless torture, stalking and other abuse happens. FBI also pays stipends to people to take part, and Homeland Security has recruitment videos for abuse against targets on Craigslist. This is COINTELPRO 2016: the post 9/11 national security state, COINTELPRO on steroids. These abuses are the things Snowden and Assange didn't tell us, Tarpley wrote. According to Tarpley COINTELPRO has gone through many revisions over the years, and the term stands for counter surveillance provocation. At Left Forum, Tarpley and his crew were targeted with death threats and harassment, call in campaigns and false complaints to get the panel shut down, and they were stalked and abused, but it luckily didn't work.

I can confirm this by showing a video from NSA whistleblower William Binney at the Covert Harassment Conference 2014 where he describes how NSA is used against the targeted individuals for harassment, tracking, spying, etc in a near identical fashion to Tarpley. FBI Special Agent Gunderson's report is identical. Dr. Robert Duncan also similarly backed this up many times including in his report on how the targeting and advanced torture is done with the space capability, "The Executive Summary: Neuropsychological and Electronic No Touch Torture Report." FBI Ted Gunderson's affidavit discusses how NSA, CIA, and military intelligence resources are being used to target locals by the city, state, and feds for harassment, with unlimited budgets.

"Panel Proposal/Workshop Information

Panel/Workshop Year:

2016

Abstract:

Back in the 1970s, the Senate's Church Committee, the Pike Committee in the House and citizens in Media, PA revealed a pattern of meddling by the FBI, CIA, etc. in US domestic politics, harassing and intimidating civil rights leaders, trade unions, and anti-war activists. During the 1980s, despite claims to the contrary, this illegal spook activity kept going. After 9/11, spying and harassment are now bigger and more intrusive than ever. This is COINTELPRO Stalking (COINTELPRO = COUNTER-INTELLIGENCE PROVOCATION). The old FBI methods have been supplemented by techniques from the STASI, the East German Communist secret police. The age of social media has become the Golden Age of Cointelpro. NSA surveillance has been known for a decade, but what happens once dissidents are identified? NSA works with a network of Law Enforcement Intelligence Units (LEIUs) – like the New York Red Squad, and another network of local intelligence offices called Fusion Centers. These direct a secret army of trolls, bloggers, disgruntled misfits, surveillance role players and others numbering in the hundreds of thousands. The response might be gaslighting – convincing the targets they are going insane. They plant bugs, issue slanders and threats, perform character assassinations, and publish embarrassing material. They slash bicycle and car tires, and misdirect deliveries. They want you to drop out of politics. COINTELPRO 2016 must be exposed and stopped."

Here is a full transcript of Edward Snowden's Alternative Christmas Message December 23rd 2013, broadcast in UK Channel 4:

Hi, and merry Christmas.

I'm honored to have a chance to speak with you and your family this year.

Recently we learned that our governments, working in concert, have created a system of worldwide mass surveillance, watching everything we do. Great Britain's George Orwell warned us of the danger of this kind of information. The types of collection in the book—microphones and video cameras, TVs that watch us—are nothing compared to what we have available today. We have sensors in our pockets that track us everywhere we go.

Think about what this means for the privacy of the average person. A child born today will grow up with no conception of privacy at all. They'll never know what it means to have a private moment to themselves, an unrecorded, unanalyzed thought.

And that's a problem because privacy matters. Privacy is what allows us to determine who we are, and who we want to be.

The conversation occurring today will determine the amount of trust we can place both in the technology that surrounds us, and the government that regulates it.

Together, we can find a better balance, end mass surveillance, and remind the government that if it really wants to know how we feel, asking is always cheaper than spying.

For everyone out there listening, thank you and merry Christmas.”

Per NSA whistleblower William Binney, surveillance is being used for population control, not fighting terrorism or crime. He said this at the Covert Harassment Conference 2014, On The Guardian newspaper, and many other sources. It's used like a back scratcher by Governors, President, and others who possess it's awesome power.

I demand an investigation and relief from ongoing sabotage as a witness, to have money and property awarded as compensation (minimum \$1 trillion dollars to be calculated in my favor later, but in 2012 I wrote a document in jail I should be paid \$1 million per minute of continued active torture and violation if they continued to abuse my body and use my time and resources, and they did in agreement with the document which my attorney should have on file from the records- calculation should also be based on a valuation of \$20 million per assault and violation done to me as an alternative mechanism of my choosing, which would be billions or trillions of dollars today), to have a full impartial investigation conducted to find all the truth even if participants refuse to cooperate, to

have the governments systems and weapons/surveillance inspected for misuse and illegal capabilities, to have classified documents and information brought in and declassified to prevent it from being improperly classified to hide fraud waste abuse and illegalities and misconduct and embarrassment, to have all my expert witnesses, friends, and witnesses brought in to testify and properly paid and compensated to make it happen or as hourly rates set by the professional requires, to be released from custody and all liberty deprivation alleged and discovered, to have all freedom returned, to have the state/military/NSA/involved parties injuncted, restraining orders issued, protection provided, to have those doing this to me and those who took part arrested and prosecuted to the fullest extent of the law, to have healthcare I need afforded due to damages caused during this case and ongoing paid by the state at faculties and doctors of my choosing including travel and lodging, I want my conviction overturned and I want to be found factually innocent and I want all other such relief the court may find just and proper concluding discovery of the facts. Should a weapons inspection of the military and it's records, data, and files be examined the court should require uncensored unrestricted access to the data even if a state secret, classified, or otherwise protected so the public can examine the records and documents as well for complete transparency and justice to be served. I was framed to look mentally ill during the first case, denied access to experts and investigators, and no one looked for evidence of my innocence. They will kill me if you get close to uncovering their abuse, unless you act fast and all these things provided. All my witnesses especially Dr. Robert Duncan is very afraid he and his family will endure further sabotage and even death if he was to help, as well. One of my friends who lives in Eugene Oregon came forward as a witness who worked for US Investigative Services a military intelligence contractor confirming they have classified documents on the weapons and techniques used on me, and everyone there knew about these things, but she cannot talk due to NDA and classification, and they would treat her like a traitor. They would kill, sabotage, and imprison her and her family if they were allowed. She is willing to talk to my lawyer, and suggests getting the classified documents from US Investigative Services and other places involved. She is afraid to get involved also due to the retaliation. USIS is implemented in the cover up of the Aaron Alexis targeting and mass shooting, interesting enough. They have never come out to say they knew about these things, or had classified documents after the shooting as they should have. Aaron Alexis was background checked by them and confirmed for duty in the US Navy and at HP, and then the cover story was created- the government even initiated fake legal proceedings regarding the negligence of the company in its background check procedures over the shooting. He became a target of the weaponry, irradiated, and conducted a mass shooting at the Washington DC Navy Ship Yard to seek revenge for his and others plight. I know about all this due to news media coverage on the internet and my personal involvement and investigatory work. Lawsuits are pending against the DOD/HP/etc over the shooting and death of multiple military members, which the DOD/HP/etc requested be dismissed, but the judge decided partly based on emails sent by Aaron Alexis to Freedom from Covert Harassment and Surveillance and affidavits provided by them, that Aaron Alexis knew who was targeting him and sought revenge for the attacks which caused the shooting to happen. Dr. Robert Duncan has told me he receives death threats, and the FBI targeted his father for him coming forward to help the victims. Duncan also confirmed several colleagues related and knowledge to these abuses have been knocked off, one of his reasons for coming forward.

"Florida Judge has denied the defendants in a negligence lawsuit against the US Navy, the Department of Veterans Affairs, and two defense contractors, a motion to dismiss after being provided with emails exchanged between a human rights group, Freedom From Covert Harassment and Surveillance and

Washington Navy Yard shooter, Aaron Alexis, two weeks prior to his shooting rampage.

Upland, California (PRWEB) July 18, 2014

Family members of a victim of Washington Navy Yard shooter, Aaron Alexis, achieved their first court victory this past Monday, in their lawsuit against the United States Navy, the Department of Veterans Affairs, and two defense contractors after receiving information provided by California-based human rights organization, Freedom From Covert Harassment and Surveillance (FFCHS).

The judge denied a motion to dismiss filed by the defendants who claimed Alexis' actions were a random act of violence. The judge's decision was based in part upon a declaration provided by FFCHS Executive Vice President Timothy R. White, which established through email correspondence that Aaron Alexis knew in advance who his attackers were.

"I have what I believe to be the locations for where they've been developing these weapons for decades. The ELF weapons are part of the weapons systems of most of the modern vessels fielded by the Navy," wrote Alexis in an email exchange with the group's president, Derrick Robinson, September 1, 2013, two weeks prior to the September 16 naval yard shootings.

The judge also granted Florida attorney Sid Matthew limited discovery and access to the defendant's post shooting files and records for additional fact finding.

(Patricia Delorenzo v USA, Dept of the Navy, Dept of Veterans Affairs, The Experts LLC and Hewlett Packard Enterprises Services LLC (8:14-cv-1070-RAL-EAJ))

I consider myself to still be in custody illegally even after my sentences were over including the 2005 original case, without due process, without a sentence, without having committed any crimes. I'm being tortured and brutalized daily, my injuries are being made worse and worse, I can't stop them from harming my brain and body further. I'm in grave danger, because of my targeting and the custody and control they have over me, the environment, and country of the United States.

The judge needs to help me get medical care, and order doctors and hospitals to submit to providing neurorehab, brain scans, and the like as Dr. Purna C Datta PhD wanted and concluded I needed. Many hospitals, doctors and facilities are part of this military industrial complex, have taken part in drugging, framing citizens, implants, interrogations, irradiation, development and testing of weapons and technology, and participate in law enforcement/national security state and military abuse against me and people like me. Unfortunately all the brain scans I need and best care are only offered at major military industrial complex hospitals like UCLA, John Hopkins, UCSF, UC Davis, University of Pittsburgh, etc - all with huge conflicts of interest, and they have denied me and my private doctors the help to this day, rejecting referrals. The judge would have to order them to do the tests against their will for violating my rights. Over the years 100000s have been victimized, murdered, experimented on, taken part in police and military operations, forced drugs and interrogated subjects brought in, including mind control experiments which was done to people who didn't consent and were unwitting - some even ended up dead from it. Hospitals will even take part in illegal body searches, ie inspections of anus and vagina, ultra sounds, xrays, etc which ACLU actually sued for and won damages against border patrol for in a recent case. I've tried to get help, but they're playing

games, and denying me medical care with a confirmed need, per Dr. Purna C Datta and my other doctors, a favor to those who abused me. This has occurred in more states than Oregon, and they've covered up similar acts going on 76+ years or more. Free me from deliberate indifference and all this finally.

Despite having so much proof and evidence, I did not get help in my first PCR attempt. Here are the details on that plus details for appointment of counsel in this case:

In the courts order for appointment of counsel, the court should be aware that this is a filing of a second PCR. The first PCR was dismissed without prejudice and no lawyer was appointed at the time of dismissal, by Lane County Circuit Court Judge Curtis Conover May 2016. Without prejudice per the PCR statute § 138.525¹(4) (although the judge never ruled the petition was meritless, and violated Oregon Appeals Court Precedent requiring specific information in the order of dismissal including his line of thinking and response to each claim, it would appear when a case is dismissed with no lawyer or hearing it's without prejudice. The case is now on Appeal) means the Petitioner is free to file the same petition again with the same claims as has been done here. There is history from that case dealing with the PCR attorney's to uptake into this case.

During the first PCR case, a conflict of interest with several lawyers was identified and entered. For example, Noel Grefenson the head of the Oregon Post Conviction Relief Consortium, was kicked off the case, and his group of multiple attorney's in the state are not allowed to represent me due to conflicts of interest against the group he leads and administers. However another problem arose, as Noel Grefenson actually hand picked my lawyers afterward after it was determined the Public Defender Services would appoint an attorney who was not part of his group, but the attorney Noel picked abused me, including Lawrence Taylor who slandered and abused me per my complaints, my private investigator Jennifer Maghinay and psychologist Dr. Seth Farber PhD who witnessed it and wrote statements to the fact highlighting the abuse in the previous case and to the Oregon State Bar. He sabotaged my PCR. Another lawyer was chosen undetermined by Noel Grefenson with conflicts of interests named Lemar Carver- the lawyer had service in the US Navy and they are linked to my abuse and running of surveillance/weapons systems known as a worse than lethal directed energy weapon, and he was a former state employee/corrections officer at a penitentiary with ties to the abuse I complained about including performing policing, surveillance, and duties to control and manage prison populations in a way harmful to inmates and citizens. Noel Grefenson himself is a Salem City Municipal Judge, and he mis-handled a previous PCR related to this case. In a previous PCR case in 2007, he abused me. His office abused me. He gave me ill advise on the case, and called me a piss ant on the phone when I told him about abuse I was experiencing at OSH, including staffers ramsacking my legal paperwork marked by Noel himself as attorney-client-privilege and making

copies illegally during illegal searches and seizures conducted over my legal claims against the state. Staff were trying to shut my legal cases down and sabotage them. Noel called me a piss ant, a derogatory term, which likely was because he has close ties to state hospital staff, state operation, and knew the complaints I was making were factual and true. He muttered it really quickly on the phone like an insult as he was passing me by on the street and heckling me, intending to anger and upset me on purpose, and he would likely deny he said it afterward due to the seriousness, framing me to look mentally ill and gaslighting me. Gaslighting is a term to describe when someone does something to make someone look and feel insane, usually denied afterward, and done deliberately. He said it as I was telling him about abuse the hospital was doing to me, intending for me to hear it, and feel fear from him. Staff on the unit were targeting me with similar abuse. He had no intent to help me at all which is why I didn't get PCR relief, and he abused me so badly with OSH staff, he forced me to sign dismissal paperwork while I was in duress from it all and heavily injured by staff with medications and psychological warfare being done on me. As a judge, he is very familiar with the processes of the Oregon State Hospital, and sending citizens there to be drugged and injured against their will should they enter GEI pleas or use the 370 process. He is used to taking away citizens rights and allowing such abuse to occur, also as an attorney likely, he has likely submitted requests to have his clients drugged and sent to OSH like most attorney's in Oregon. He is buddies with Salem cops, state police, state workers, other judges, prosecutors and even city officials in the capitol. He should not be allowed to pick further attorneys for me, and his consortium should be banned again from representing me due to ties to him and loyalty- This argument was accepted in the prior case. His office staff abused me as well, telling me I was like talking to a wall, when I complained about abuse, and wondered why my lawyers weren't helping me. The abuses I faced at OSH were documented in records, in newspapers, and were well known, most prudent lawyers would find it ample evidence to be used against the state to achieve a desired resolution. It's leverage. But these lawyers have engaged in conspiracy against my civil rights, protected their own interest, prevented me from getting help due to close ties to these matters, and prevented the material from being used on purpose.

piss·ant

¹ˈpɪs ˌɑnt/

US *vulgar slang*

noun

noun: piss-ant

1. 1.

2. an insignificant or contemptible person or thing.

adjective

adjective: piss-ant

1. 1.
2. worthless; contemptible.

The petition itself makes further allegations of public defender abuse and corruption. So far only one lawyer provided by the state has acted properly, Jed Peterson who handles PCR/Habeas Corpus appeal cases. He has argued I'm a victim of all the abuse I allege in court.

Please allow me to hand pick a lawyer at state expense upto the maximum private attorney fee of \$600 per hour, or make a proper order to ensure I get a lawyer following the above criteria.

Yes Lawrence Taylor at a hearing in Lane County admitted on the record, he was contracted by Noel Grefenson to perform the flawed legal representation that occurred on the PCR- after I was under the impression Noel was to have nothing to do with the process, and the PDS were to be picking a private lawyer. Eventually I was left without a lawyer, and the case was dismissed without prejudice or decision.

I'm terrified of the lawyers and their abusive practices to criminal and PCR clients, and my safety should be looked at closely, to ensure the lawyer selected is doing his or her job in accordance with the facts, evidence, what my expert witnesses want, and the like.

None the less, the following case laws guarantee an attorney will be appointed for this case and you the judge have no mechanisms to dismiss the case without appointment of counsel.

Where petitioner requests appointment of counsel pursuant to this section, eligibility for appointment must be determined prior to hearing which finally disposes of petition. Rodacker v. State of Oregon, 79 Or App 31, 717 P2d 659 (1986)

Court may not dismiss filing of petition for post-conviction relief that is accompanied by affidavit of indigency and motion for appointment of counsel without first ruling on issue of indigency and appointing counsel if petitioner found to be indigent. Kumar v. Schiedler, 128 Or App 572, 876 P2d 808 (1994)

Other case law exists on the specific duties of the court in this case during the proceedings, which the judge could not possibly fulfill until an attorney was appointed, investigation, legal

work, expert testimony and determination, and the like was conducted to beef up my petition with material I couldn't possibly get alone and indigent. The judge doesn't have all the facts yet to decide the case, for example, to fulfill the requirements of the Oregon Court of Appeals and Statute § 138.640¹ which requires specific considerations by the court, case be presented and analyzed by the court, and specific documentation be performed by the judge when entering judgment or dismissing a petition.

Where petitioner sought post-conviction relief contending he had received invalid consecutive sentences and post-conviction court dismissed petition and entered order relying on grounds neither presented to court nor responsive to petition, remand to Court of Appeals for consideration to enter proper final order was appropriate. *Wilson v. Maass*, 305 Or 434, 752 P2d 840 (1988)

Where document from which appeal was attempted in post-conviction case did not make final disposition of the case, it did not meet requirements of this section and case was remanded for disposition. *Stelljes v. Maass*, 306 Or 655, 761 P2d 925 (1988)

Judgment denying relief must (1) identify claims for relief and make separate rulings on each claim; (2) declare whether denial is based on petitioners failure to follow available state procedures or to failure establish merits of claim; and (3) make legal basis for denial apparent. *Datt v. Hill*, 347 Or 672, 227 P3d 714 (2010)

The court will furthermore grant an unlimited amount of new counsel appointment to find suitable counsel with skill and interest in working with the petitioner to investigate the claimed national security state, police, NSA, mind control, civil rights violations associated with this case.

The court of appeals has ruled an unlimited number of replacement counsel will be provided to ensure such in this case:

Court only may allow withdrawal of appointed counsel for financially eligible person without substituting another appointed counsel when need for orderly and efficient judicial process requires court to do so. *Knox v. Nooth*, 244 Or App 57, 260 P3d 562 (2011)

Finding a compatible non-corrupt lawyer to work with petitioner, my doctors, witnesses, family, private investigator and the like is imperative in this cases success as is the courts fairness, and willingness to work with the petitioner even if the claims made are inconvenient and harmful to the Oregon judicial system and it's court officers.

If attorney refuses to cooperate and work with us, we know that's a sign of abuse. If action is not taken to bring in experts, collect evidence, file protective orders and the like, that is further sign of abuse by the lawyer.

If court refuses to take requested actions, and interest in these matters, it's a sign of abuse against the Petitioner, cover up of these claims, and the like by the court itself.

8/6/2016



Todd Giffen

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5/23/16

To Whom It May Concern

I am a psychologist, a therapist and an author.

I had talked to Todd Giffen numerous times on the phone for counseling this past year. I concluded that Todd was a victim of non-consensual experiments with directed energy technology--"no touch torture." I had been consulted by numerous targeted individuals, and read books on this advanced technology by whistleblowers like Robert Duncan Ph.D (author of Soul-Catchers, Vol 2) who had helped develop this technology, not knowing it would be used on American citizens.

Thus despite the unusual nature of Todd's allegations, and because I determined he was not paranoid, I concluded his account was true. He has been diagnosed by over 7 psychologists who confirmed he is not psychotic but suffers from TBI, and PTSD from the torture and targeting he's experienced.

We met when he was in NYC last week and we discussed his on-going trauma as a result of continued targeting by law enforcement and agents of the military.

He constructed a website that extensively documents the nature and criminal application of this technology on unwitting individuals. See obamasweapon.com and drrobertduncan.com. My understanding is employees and officials in Washington DC have stalked and harassed Mr Giffen, during the past few months he has been in Washington, DC.

Feel free to phone me.

Thank you,

Seth Farber, PhD

Federal intelligence and government funded agencies and contractors—including many of America's most prestigious universities—comprise a long history of mind control research that dates to World War Two. "These kinds of electromagnetic and acoustic weapons are well-described going back to the [CIA mind control] MK-ULTRA documents—very primitive like early forms of them," psychiatrist and author of *The CIA Doctors: Human Rights Violations by American Psychiatrists* Colin A. Ross explains.

They're described in *Defense Electronics* magazine. They're described in *US News and World Report*. There was an article a little over a decade ago describing the specific electromagnetic weapon, what the specs of the weapon were, the aircraft it was being tested in by the Air Force, the altitude of the aircraft, how far into the skin the electromagnetic energy would penetrate, who the contractor was—mainly Sandia Labs.

Ross continues,

You can find pictures of these weapons on Wikipedia easily. So they definitely exist. When you look at the documented history of CIA-military testing of hypnosis, LSD, biological weapons, chemical weapons, other interrogation chemicals on unwitting civilians massively for decades, why would we think, "Oh, it's impossible that these weapons are being tested on unwitting civilians."

"It's not sensible to reach that conclusion, given the prior history of testing *all kinds* of other weapons on unwitting civilians—including radiation experiments. So, I would say that it's perfectly realistic, possible, maybe even likely that these weird electromagnetic weapons are being beamed at civilians without their knowledge or permission. And then the people who are experiencing the effects are of course just completely written off as being nuts, completely discredited, nobody buys it, so that's perfect cover. Now does that mean everybody's story's real? No way. But I don't think zero is real either.

<http://memoryholeblog.com/2015/01/20/psychiatry-and-mind-control-101/>

Dr. Colin Ross MD has been waiting to talk to my lawyers now since 2014- the PCR lawyers have refused to contact him and others. Included is an email from him and Dr. Peter Breggin MD indicating their agreement to speak to my lawyer and interest or expertise in the case. Dr. Peter Breggin is a mind control expert who's testified in hundreds of cases and won many times. He investigated citizen abuse during MKUltra and successfully got behavioral modification through implants, remote brain control, psychosurgery and lobotomies banned nationwide as a 1st amendment violation back in the 1970s in *Kaimowitz v. Michigan*. Dr. Colin Ross has written books and been featured on CIA MKUltra TV documentaries including the History Channel – *Histeries Mysteries* 2001 episode *Mind Control – Americas Secret War*, in which he discusses modern ongoing abuses using acoustic and electromagnetic weapons.

The surveillance / mind control system are tightly integrated – signals image us, take information, listen and spy, and beam into our body, homes, and brains.



Todd Giffen <todd@strags.com>

Dr. Peter Breggin used to investigate mind control abuses. I was abused in Oregon this way - 2008. Through wall radar, full surveillance, brain scans, and brain/environment/body tampering.

ginger breggin <psychiatricdrugfacts@hotmail.com>
To: Todd Giffen <case@oregonstatehospital.net>

Fri, Oct 2, 2015 at 8:46 PM

Dear Mr. Giffen: Please have your attorney call Dr. Breggin at the phone number, below, if he/she is interested in discussing bringing Dr. Breggin in as an expert witness. Very best, Ginger

Ginger Breggin, Executive Director, The Center for the Study of Empathic Therapy, Education & Living, 101 East State Street, #112 Ithaca, NY 14850 [607-272-5328](tel:607-272-5328)

From: todd@strags.com <todd@strags.com> on behalf of Todd Giffen
<case@oregonstatehospital.net>

Sent: Sunday, August 16, 2015 12:34 AM

To: psychiatricdrugfacts@hotmail.com

Subject: Dr. Peter Breggin used to investigate mind control abuses. I was abused in Oregon this way - 2008. Through wall radar, full surveillance, brain scans, and brain/environment/body tampering.

I have two lawyers and a PI. We would like to hire Breggin.

Oregon State Hospital site of abuse as well as the community itself.

Radio wave signals have been detected in Oregon before hitting citizens probably from classified military sources per FCC and The Oregon Journal

The Oregon Journal in March 1978, broke the story about radio waves from a naval system in California being detected in Eugene Oregon and other areas of the state. Citizens were being attacked and made sick. The governor, fcc, epa, and congressman/senators got involved. The EPA covered it up, some specialists claimed it was the Soviets, but the FCC pointed to the US Navy as the culprit.

"Was the technology tested at home on private citizens? In March 1978, the city of Eugene, Oregon, found itself inundated with microwave radiation. The Oregon

Journal reported: "Mysterious Radio Signals Causing Concern in Oregon." Federal government specialists blamed the Soviets, but the Federal Communications Commission concluded that the signal—recorded throughout the state of Oregon—came from a Navy transmitter in California.

Oregonians statewide complained of headaches, fatigue, inability to sleep, reddening of the skin, anxiety, "clicks" in the head and a "buzz" harmonizing with a high-pitched wail. Canadian researcher Andrew Michrowski wrote to Prime Minister Pierre Trudeau on September 19, 1978, citing a Pacific Northwest Center for Non-Ionizing Radiation study that found the signals "psychoactive" and "very strongly suggestive of achieving the objective of brain control."

This information is published in multiple sources. This particular one has the full history on mind control and some investigative leads.

<https://sites.google.com/site/mcraais/voices>



Mind Control and Ritual Abuse
Information Service

Hearing "Voices" The Hidden History of the CIA's ...

Hearing "Voices" The Hidden
History of the. CIA's
Electromagnetic. Mind-Control
Experiments Global Alert by Alex
Constantine 1995 [Note:1]
Controlling human ...

[Read more...](#)

Here's info about the eugene oregon wavelength (it was also reported in the register-guard): www.whale.to/b/bowart4.html#X

More links turn up in Google while searching for this.

This tells a story about our government actually attacking and beaming radiation into citizens from remote locations with incredible accuracy (I also heard about other operations they did this in, such as CIA Operation Pique, we targeted European's in that case), enough to hit a single individual, inducing illnesses and mental effects, being tested on citizens around the world, including Eugene Oregon and other citizens of Oregon specifically.

The first link mentions Dr. Peter Breggin Harvard psychiatrists work, to investigate this and help the victims, he also worked along top mind control doctors at Harvard based on other sources. He has experience working with victims remotely controlled with radio

waves and implants, those victims falsely labeled as psychotic by other doctors. Interesting.

"Following the nightmarish operation, Dr. Peter Breggin of the Center to Study Psychiatry, an ombudsman of psychiatric abuses, investigated Kille's case and found—despite Mark's and Ervin's reports of therapeutic success—that the post-op patient was "totally disabled and subject to nightmarish terrors that he will be caught and operated on again at the Massachusetts General Hospital."

In 1971, a hospital attendant discovered Kille holding a metal wastebasket over his head to "stop the microwaves." A sympathetic doctor at Boston's VA hospital, where Kille was transferred, ordered for him "a large sheet of aluminum foil so he may fashion a protective helmet for himself." Uninformed that Kille had been fitted with electrodes, the VA doctors diagnosed him as a delusional paranoiac.

According to Kille, Mark and Ervin controlled his moods by remote electronic stimulation. "They turn me up or turn me down," Kille insisted."

Todd Giffen

503 967 5202

<http://www.obamasweapon.com/>



Todd Giffen < todd@strags.com>

Your misdemeanor case is being dismissed

Andrew Ross < carlandross@yahoo.com>

Wed, Mar 5, 2014 at 1:58 PM

Reply-To: Andrew Ross <carlandross@yahoo.com>

To: Todd Giffen <case@oregonstatehospital.net>, Samantha Lowery <solowery@gmail.com>

Today, Deputy District Attorney Bill Warnisher notified me that he is dropping the misdemeanor assault case against you. There will be no trial on March 12.

Perhaps at the end of the day he was afraid that you would be able to expose THE TRUTH about what's been happening to you, if he let you speak before a jury.

Congratulations on getting a successful result in this matter. I am notifying your attorney Mr. Abrell about the dismissal.

--Andrew Ross

SETH FARBER, PHD.
172 WEST 79 ST.
NEW YORK, N.Y. 10024
212 560-7288

1/17/16

To Honorable Judge Conover,

I am an author and psychologist.

I have counseled Mr Giffen in the past due to his post-traumatic stress--and his ongoing stress as a targeted individual. I think Todd's mental health requires a legal remedy for past and present violations of his rights.

The letter by his lawyer Mr Taylor is disingenuous. He admits there is a conflict of interests between Mr Giffen and him, but he refuses to resign as Giffen requests and has made no effort to help his client find appropriate and effective legal counsel. In an effort to protect his rights Mr Giffen tape recorded Mr Taylor who had since demonstrated that the procedure was warranted--that he is sometimes misleading if not overtly dishonest. Mr Taylor admits there is a conflict of interests and writes "As a citizen, I have a right not to be victimized, including by my clients." The term "victimized" is hyperbole since all Todd did was tape record him, a procedure he does routinely to protect his rights. Mr Taylor is more interested in avoiding aggressively defending his client, than he is in upholding the law. Since he sees himself as Giffen's victim -- because of the recordings-- he should do what is usually done with conflict of interests of this kind: resign.

Taylor claims that Giffen's case is based on a "delusional belief." This is problematic. In the first place he uses a psychiatric term to invalidate Giffen's beliefs. But all of the expert witnesses who have examined Giffen state he is not delusional. Upon what does Taylor base this claim? On nothing --but superstition against unusual ideas-- because he has refused to investigate Giffen's claims to see if they are valid.

He challenges Giffen to cite a case in which an electronic weaponry defense was permitted by the Court. But Giffen had repeatedly sent him case law cases in which the Court accepted the existence of such weaponry and granted the motions of the victims, but Taylor ignored the information sent him by his client. For example there is the Walbert case which a judge granted a restraining order over the use of electromagnetic weapons on James Walbert. <http://www.wired.com/2009/07/court-to-defendant-stop-blasting-that-mans-mind/> There were several "sting ray" cases in which public defenders discovered the use of illegal electronic devices during the case, and convinced the judges to order the prosecutors/government to turn the devices over to the defense for analysis and dissection. Furthermore, on the other hand, Taylor presents no reason to believe that there is one case let alone many cases in which an electronic weaponry defense was prohibited by the Court. Such a defense has not been presented frequently before because it is a relatively new kind of harassment. Taylor is

engaging in sophistry. Since such weaponry is integral to Giffen's claim of harassment it was Taylor's responsibility to investigate this claim.

It is true that an electronic weaponry case on the scale of Mr Giffen's has never been presented before. But the argument --which Mr Taylor seems to imply-- that because an electronic weaponry case was never made before it is not his responsibility to investigate this claim is preposterous. It is up to the lawyer to establish a precedent when making an argument that has never been made before. If this was not a legal responsibility then precedents would never be set even when dealing with a kind of crime that had never been committed before. In Giffen's case this is the first time the Court is being asked to rule on a case when such electronic weaponry was the means of harassment, Taylor is citing custom as an excuse for his laziness and lack of courage. A lazy cowardly lawyer is ipso facto ineffective. Otherwise the American Bar would be held to a very low standard (Of course it will be difficult to establish a precedent when dealing with the weight of custom which RESISTS THE UNFAMILIAR but that is the lawyer's job.)

I am disturbed that Taylor repeatedly slanders his clients implying that he is volatile and violent--in the absence of any evidence--and repeatedly using psychiatric diagnosis, from psychotic to "severe personality disorder" in an effort to discredit him. Since none of Mr Giffen's therapists agree that he has any severe disorders, Mr Taylor is engaging in slander (this is no way to "protect" his client)- to bolster the specious argument that Taylor provided effective counsel, and that Taylor is not now biased by the aforementioned conflict of interests. His goal is not to protect Giffen as he claims but to conceal his irresponsible and ineffective representation of Mr Giffen.

Mr Taylor should resign immediately and desist from seeking to undermine Giffen's case by engaging in slanderous attacks couched in psychiatric jargon.

Sincerely,

Seth Farber, PhD

IN THE COURT OF APPEALS
OF THE STATE OF OREGON

TODD GIFFEN,

Petitioner-Appellant,

v.

STATE OF OREGON, ATTORNEY
GENERAL OF THE STATE OF
OREGON ELLEN ROSENBLUM,
AND ALEX GARDNER, District
Attorney for the State of Oregon,

Defendant-Respondent.

Lane County Circuit Court
Case No. 161403534

CA A157118

APPELLANT'S AMENDED OPENING BRIEF

Appeal from the Judgment of the Circuit Court
for Lane County
Honorable Charles M. Zennache, Circuit Judge

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Filed 12/14

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APPELLANT'S OPENING BRIEF

STATEMENT OF THE CASE

Nature of the Proceeding

Appellant, plaintiff below and hereafter, challenges a judgment dismissing his petition for a writ of habeas corpus. Plaintiff initiated the proceedings by filing a *pro se* petition for a writ of habeas corpus. A copy of the petition is attached at ER-1-3.

Nature of the Judgment

The trial court, on its own motion, dismissed the petition for a writ of habeas corpus as moot. A copy of the judgment is attached at ER-4.

Jurisdiction

This court has jurisdiction under ORS 34.710.

Notice of Appeal

Judgment was entered in the Lane County Circuit Court on June 4, 2014. Petitioner timely filed Notice of Appeal on June 19, 2014.

Question Presented

Plaintiff had pending criminal charges and sought habeas corpus relief, after which the underlying criminal case was dismissed. Did the trial court err when it

subsequently dismissed plaintiff's habeas corpus petition as moot, even though plaintiff had also sought habeas corpus relief for other actions by state actors that allegedly violated various constitutional rights?

Summary of Argument

A case is not moot if a ruling in the plaintiff's favor will have a practical effect on his rights. Here, plaintiff alleged various actions by state actors that violate his constitutional rights, and those actions appear to be separate and distinct from the underlying criminal proceedings. That is, plaintiff sought relief from both the conditions of his treatment pursuant to the criminal case, as well as other actions by the state that appeared to be independent of the case, such as unlawful surveillance and searches. Thus, even though the criminal case was dismissed, that does not resolve the issue of the other actions by state actors that violate plaintiff's constitutional rights. Therefore, the habeas corpus action is not moot.

Summary of Facts

I. Standard of Review

This court reviews a trial court ruling granting the state's motion to deny issuance of a writ under ORS 34.680 (1) like a dismissal "under ORCP 21 A(8) for failure to state a claim." *Rivas v. Persson*, 256 Or App 829, 830, 304 P3d 765 (2013). Under that standard, this court "review[s] the allegations in the petition

and related inferences in the light most favorable to [the] plaintiff to determine whether the petition alleges a legally sufficient claim.” *Id.*

II. Facts Alleged in the Petition

In the petition for a writ of habeas corpus filed on February 20, 2014, plaintiff alleged that he is “illegal [*sic*] detained and held by the Lane County Circuit Court * * * pre-trial on a charge of assault 4 (under court case number 22-13-18198).” ER-1. Plaintiff alleged that he is “in a custody program of the Lane County Jail, and am experiencing numerous civil rights violations.” ER-1.

Plaintiff also alleged other deprivations of his liberty. Plaintiff alleged that he has “sustained serious fatal physical/brain injury from spy games played by the law enforcement in the state from the use of directed energy weapons and military technology on my brain and body[.]” ER-1. Plaintiff also alleged as follows:

“I allege that at this moment, I am also being stalked and followed on the streets by undercover agents who work with the state to coordinate these abuses, and they are using a number of illegal surveillance tactics on me, trying to harass, and entrap me in the legal system. This violates my 4th amendment rights under the US constitution to be free from warrantless surveillance and illegal searches/seizures by government agents. The abuse I have experienced constitutes cruel and unusual punishment under the 8th amendment, and it also violates my 14th amendment rights to due process, including violating the liberty interest of this right. They also seek to sabotage my legal case, by abusing me and withholding services another violation of the 14th amendment/due process clause, which guarantees a fair trial.”

ER-1.

Page 3 – APPELLANT’S OPENING BRIEF

Plaintiff concluded his petition, “I am being denied significant liberty and the court should order the granting of my Habeas Corpus and order such relief as may be necessary.” ER-3.

ASSIGNMENT OF ERROR

The trial court erred when it denied issuance of the writ of habeas corpus.

Preservation of Error

After plaintiff filed the petition, and before the court appointed counsel, the court dismissed the petition on its own motion:

“FINDINGS OF FACT:

“1. Petitioner filed a Petition for Writ of Habeas Corpus on February 20, 2014 regarding the terms of his pretrial detention in Lane County Circuit Court Case Number 22-13-18198.

“2. Lane County Circuit Court Case Number 22-13-18198, was dismissed on the State of Oregon’s motion on March 5, 2014.

“3. This case was assigned to me on May 20, 2014.

“4. A review of OJIN reflects that Petitioner does not have any charges currently pending against him in this court.

“IT IS HEREBY ORDERED AND ADJUDGED that the above-entitled case is dismissed in its entirety because it is moot.”

ER-4.

Because the court entered the judgment without prior notice to the parties, the rules of preservation do not apply to the error. *See Walker v. State*, 26 Or App 697, 699-700, 302 P3d 469, *rev den*, 354 Or 62 (2013) (explaining that the principles of preservation do not apply to an error that appears for the first time in the judgment). Alternatively, the trial court committed plain error and this court should exercise its discretion to reverse the error under ORAP 5.45. *Ailes v. Portland Meadows, Inc.*, 312 Or 376, 382 n 6, 823 P2d 956 (1991).

Standard of Review

This court “review[s] the allegations in the petition and related inferences in the light most favorable to [the] plaintiff to determine whether the petition alleges a legally sufficient claim.” *Rivas*, 256 Or App at 830. Whether a case is moot presents a question of law. *See Brumnett v. PSRB*, 315 Or 402, 405, 848 P2d 1194 (1993) (applying standard).

Argument

Plaintiff filed a petition for a writ of habeas corpus to seek relief from the pretrial conditions from a criminal case, as well as other alleged acts by state actors against him. The trial court dismissed plaintiff’s petition as moot upon finding that the underlying criminal case had been dismissed. The trial court erred, however,

because the dismissal of the underlying criminal case did not render moot plaintiff's allegations that the state actors were still "restraining" plaintiff's "liberty" for purposes of habeas corpus. For example, the trial court could grant plaintiff relief by issuing an order that prohibits state actors from following or monitoring him, as plaintiff alleged in the petition.

A case presents a justiciable controversy when "the court's decision in the matter will have some practical effect on the rights of the parties to the controversy." *Brumnett*, 315 Or at 405. A case is not moot if a party continues to suffer "collateral consequences" from the alleged unlawful restraint of liberty. *Barnes v. Thompson*, 159 Or App 383, 386, 977 P2d 431 (1999). *See also Jones v. Thompson*, 156 Or App 226, 229, 968 P2d 380 (1998) (noting the "general principle that a case becomes moot when, because of a change in circumstances, a decision would resolve merely an abstract question without practical effect").

In this case, the trial court dismissed the habeas corpus petition as moot because plaintiff "does not have any charges currently pending against him in this court." ER-4. The premise of the court's conclusion is that plaintiff's petition for a writ of habeas corpus addressed only "the terms of his pretrial detention in Lane County Circuit Court Case Number 22-13-18198." ER-4. The premise of the court's conclusion is flawed, because plaintiff also addressed other deprivations of

liberty, which, according to the plaintiff, are ongoing and independent of the criminal case. To determine whether plaintiff's other allegations constitute deprivations of liberty that fall within the ambit of the habeas corpus statutory scheme requires this court to interpret that scheme.

ORS 34.310 describes the purpose of the writ of habeas corpus and provides, in part, "Every person imprisoned or *otherwise restrained of liberty* * * * may prosecute a writ of habeas corpus to inquire into the cause of such imprisonment or restraint, and if illegal, to be delivered therefrom." (Emphasis added.) The issue in this case is whether plaintiff pleaded facts to support a claim that he is "otherwise restrained of liberty" for purposes of ORS 34.310. To interpret a statute, this court looks to the text and context of the statute, including any helpful legislative history offered by the parties. *State v. Gaines*, 346 Or 160, 171-72, 206 P3d 1042 (2009); *PGE v. Bureau of Labor and Industries*, 317 Or 606, 610-12, 859 P2d 1143 (1993).

The plain text of the statute indicates that habeas corpus can address restraints of liberty outside the context of an ongoing criminal case. "Otherwise" can be defined as follows:

"**1** : in a different way or manner : DIFFERENTLY * * * **2** : in different circumstances : under other conditions * * * **3** : in other respects * * *"

Webster's Third New Int'l Dictionary 1598 (unabridged ed 2002). When read in context of the habeas corpus statute, ORS 34.310 applies to a person who is "imprisoned" or *in a different way* "restrained or liberty," and allows that person "to inquire into the cause of such imprisonment or restraint."

Plaintiff's plain-text reading is consistent with how the Oregon Supreme Court has interpreted the statute:

"That being 'restrained of his liberty' is not limited to being 'imprisoned' appears on the face of the statute. Doubtless the term would include any physical restraint, for instance an allegation that one is illegally kept chained, or in a straitjacket, or blindfolded, though not confined in any closed space. One can be no less restrained by means of the deliberate threat or use of violence to one's person. Upon such an allegation, the issue is not whether the person on whose behalf the petition is filed is 'restrained of his liberty' but whether the restraint is illegal."

Penrod v. Cupp, 283 Or 21, 24, 581 P2d 934 (1978). Similarly, the Supreme Court has interpreted the phrase to apply to restraint outside the context of an active criminal case where charges are pending:

"The logical inference from the statute is that the kind of restraint to which reference is made is a physical restraint within the state of Oregon and within some county or judicial district of the state. A person may be subject to physical restraint when under arrest by a police officer or by any other person, without being in prison, but such restraint differs in kind from that imposed by rule upon a parolee."

White v. Gladden, 209 Or 53, 60, 303 P2d 226 (1956). Therefore, the plain text of the statute supports plaintiff’s argument that habeas corpus applies to restraints of liberty other than mere confinement pursuant to an ongoing criminal case.

Plaintiff’s reading is also consistent with case law that has held that habeas corpus is available to challenge imprisonment as well as “collateral consequences” from a conviction. For instance, in *Baty v. Slater*, 164 Or App 779, 782, 995 P2d 1176 (2000), this court rejected the state’s argument that “habeas corpus relief is not available to an offender who has been released from custody,” instead concluding that “a habeas corpus petition is not moot if there are collateral consequences to resolution of the dispute that may result in plaintiff obtaining relief from a restraint of liberty.”

Oregon courts have held that a restraint of “liberty” for purposes of ORS 34.310 is a state action that violates a person’s constitutional rights. *See Dunn v. Hill*, 211 Or App 590, 603, 156 P3d 72 (2007) (“We conclude that plaintiff has adequately pleaded facts that, if true, would constitute the deprivation of a constitutional right requiring immediate judicial scrutiny.”). For instance, Oregon courts have recognized habeas corpus claims that are framed in terms of an allegation that the state is violating the constitutional right to be free from cruel and unusual punishment. *Billings v. Gates*, 323 Or 167, 180-181, 916 P2d 291

(1996) (“To state a cognizable claim for habeas corpus relief under Article I, section 16, a prisoner must allege that the prisoner has a serious medical need that has not been treated in a timely and proper manner and that prison officials have been deliberately indifferent to the prisoner’s serious medical needs.”). This court found that habeas corpus was the proper way to address an alleged violation of the Article I, section 13, proscription against treating an arrested person “with unnecessary rigor.” *Schafer v. Maass*, 122 Or App 518, 523, 858 P2d 474 (1993) (“In summary, the allegation that petitioner is being subjected to ‘ongoing and periodical assaults’ is an allegation that he is being deprived of the constitutional right to be free from unnecessary physical abuse.”). Habeas corpus also is the proper vehicle to address alleged violations of due process rights. *Bekins v. Cupp*, 274 Or 115, 117, 545 P2d 861 (1976) (holding that habeas petition was the proper procedure to challenge the placement of a prisoner in segregation, alleged to be a violation of due process rights); *Dunn*, 211 Or App at 598-605 (addressing the issue of whether the plaintiff had sufficiently alleged a deprivation of his due process right to “access to the courts”).

Under plaintiff’s reading of ORS 34.310, the question in this case is whether he sufficiently alleged that he was “restrained of liberty” by the state, meaning the state is violating his constitutional rights in a way that limits, or “restrains,” his

freedom. “[P]etitions should be construed liberally and not voided for mere technical defects.” *Bedell v. Schiedler*, 307 Or 562, 566, 770 P2d 909 (1989). As an example of how liberally allegations should be read, this court engaged in the following analysis in *Fox v. Zenon*:

“Taking as true his allegation that he has made several suicide attempts, we infer that he cannot control his suicidal impulses and that, at any time, he is likely to try again. Again taking his allegation as true that he has requested to see a psychiatrist on 15 to 20 occasions but that defendant has not provided him with any psychiatric or any psychological diagnosis or treatment, we infer from his allegations that defendant will continue to deny his requests to see a psychiatrist or be diagnosed or treated.”

106 Or App 37, 40-41, 806 P2d 166 (1991). In *Fox*, the court read the allegations liberally by taking statements of past actions to be read as alleging that the actions will recur in the future.

When read liberally, plaintiff’s petition indicates that the dismissal of the underlying criminal case has not rendered his case moot. Plaintiff alleged that he is “experiencing numerous civil rights violations.” ER-1. Plaintiff has experienced “abuses by the state, retaliations, and covert harassment and surveillance” by state actors. ER-1. Specifically, law enforcement officers have used “directed energy weapons and military technology” to cause plaintiff “serious fatal physical/brain injury” and “chronic traumatic encephalopathy.” ER-1. Under the reading standard applied in *Fox*, plaintiff is alleging that the state actors

who have been causing him unwarranted physical harm will continue to do so. That physical harm would constitute a restraint on plaintiff's liberty cognizable under ORS 34.310.

Plaintiff also alleged that his liberty was being restrained by violations of his Fourth, Eighth, and Fourteenth Amendment rights. ER-1. "[U]ndercover agents who work with the state to coordinate these abuses" against plaintiff "stalk[] and follow[]" plaintiff and employ "a number of illegal surveillance tactics on [plaintiff]." ER-1. Read liberally, plaintiff alleges that the state actors will continue to engage in "warrantless surveillance and illegal searches/seizures," violating plaintiff's Fourth Amendment rights. ER-1. Further, plaintiff alleges that "[t]he abuse [he] has experienced," which would include the physical injury caused by the state's "directed energy weapons and military technology," "constitutes cruel and unusual punishment under the Eighth amendment, and it also violates my Fourteenth amendment rights to due process, including violating the liberty interest of this right." ER-1.

Plaintiff has sufficiently alleged that he is unlawfully restrained of liberty. He has alleged that he is subjected to cruel and unusual punishment, in violation of the Eighth and Fourteenth Amendments, based on the deliberate use of weapons against him, causing him physical harm. Plaintiff has alleged that his liberty

against unlawful searches and seizures, in violation of the Fourth and Fourteenth Amendments, has been infringed by warrantless surveillance by state actors who are stalking and following him. Therefore, plaintiff's case is not moot because his petition contains cognizable claims that have not been resolved by the dismissal of criminal charges against him. *Cf. Anderson v. Britton*, 212 Or 1, 5, 318 P2d 291 (1957) (“[T]he function of habeas corpus cannot be defeated by a transfer of custody after a ruling in the trial court and pending appeal to this court. To hold otherwise would permit the jurisdiction of the court to be thwarted after it has once attached.”).

The trial court erred in dismissing plaintiff's petition for a writ of habeas corpus. This court should reverse the decision of the habeas trial court and remand for further proceedings. *See Bedell*, 307 Or at 570 (after holding that the trial court erred in granting the state's motion to dismiss a petition for a writ of habeas corpus, affording such a remedy).

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CONCLUSION

Plaintiff asks this court to reverse the judgment of the circuit court and to remand to the circuit court for further proceedings.

DATED December 2, 2014.

Respectfully Submitted,

/s/ Jed Peterson

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EXCERPT OF RECORD INDEX

Petition for Writ of Habeas CorpusER 1-3

JudgmentER 4

Obamasweapon.com: State Habeas Corpus in the Lane County Circuit Court.
2/17/2014.

Lane County Circuit Court, Habeas Corpus for State Petitioner

Todd Giffen,

Petitioner,

Vs.

State of Oregon, Attorney General of The State of Oregon Ellen Rosenblum

And Alex Gardner, District Attorney for the State of Oregon.

Respondents.

Petition for a Writ of Habeas Corpus

RECEIVED
FEB 19 2014
CIRCUIT COURT, LANE CO.

FILED
14 FEB 20 PM 2:03
Case 14-03334
CIRCUIT COURT OF OREGON
FOR LANE COUNTY
BY
Petition for
Writ of Habeas
Corpus

My name is Todd Giffen, and I am illegal detained and held by the Lane County Circuit Court in Lane County, Oregon. I am held pre-trial on a charge of assault 4 (under court case number 22-13-18198). I am in a custody program of the Lane County Jail, and am experiencing numerous civil rights violations. I am labeled by my psychological expert (Cathy Meadows, M.A., Clinical Psychology) a victim of "whistleblower retaliation" and have dealt with abuses by the state, retaliations, and covert harassment and surveillance by the police, sheriffs, and even jail clerks in the town I am from. There is a conspiracy of them working with the CIA and US Department of Justice illegally, and committing serious acts of abuse, and refusing to investigate it afterwards.

I have sustained serious fatal physical/brain injury from spy games played by the law enforcement in the state from the use of directed energy weapons and military technology on my brain and body, and have now acquired a diagnosis of "chronic traumatic encephalopathy" from my doctor (Dr. Stefan Harold, a neurologist in Portland), a diagnosis which the jail and Oregon State Hospital denied I had while in their custody, citing in reports that I had no sign of injury, in order to hide my condition and abuse. I dealt with violations of law while in custody, including torture, denials of medical care, deliberate indifference, verbal and physical abuse, and coercion. I have been assaulted while in custody, and staffers are desperately trying to hide their illegal ties to the CIA or the facilities participating in illegal surveillance or abuses.

I allege that at this moment, I am also being stalked and followed on the streets by undercover agents who work with the state to coordinate these abuses, and they are using a number of illegal surveillance tactics on me, trying to harass, and entrap me in the legal system. This violates my 4th amendment rights under the US constitution to be free from warrantless surveillance and illegal searches/seizures by government agents. The abuse I have experienced constitutes cruel and unusual punishment under the 8th amendment, and it also violates my 14th amendment rights to due process, including violating the liberty interest of this right. They also seek to sabotage my legal case, by abusing me and withholding services another violation of the 14th amendment/due process clause, which guarantees me a fair trial.

1 | Page

Call the obamasweapon.com hotline at 503-967-5202 to learn more about my case.

Obamasweapon.com: State Habeas Corpus in the Lane County Circuit Court.
2/17/2014.

The judges in Lane County are abusing me, and I am being denied effective counsel. I have noticed bizarre relationships between the attorneys and the courts in town, and asked the court for a change of venue or a change of counsel, to counsel out of the county because of conflicts of interest. The judges did not rule on my submitted motions, denied motion when my attorney submitted the request, and I believe it's an attempt to sabotage my case. My counsel himself has told me and my civil rights attorney Shawn Abrell in taped recordings that he will not protect me, that it's not his duty to protect me, and he is protecting the District Attorney William Warnisher, who I allege participated in these abuses. My attorney is refusing to hire expert witnesses, refusing to hire doctors, refusing to hire private investigators, and he's ignoring all my communication. I have provided him video evidence and audio evidence of my abuse, and he has refused to investigate for 2 solid months. I have requested that he file an injunction to stop the abuse, or to file a Writ of Mandamus or Writ of Habeas Corpus about my abuse on my behalf, to force the courts to take corrective action, and he refuses. I believe that he intends for me to falsely plead guilty to a crime I am not guilty of or go to trial without a defense because he refused to build my case (the only way to prove my innocence). This violates my right to counsel who actually works for me (ie is effective, and wants to help me) and right to compulsory process to find witnesses in my favor under the 5th, 6th, and 14th amendments, which guarantees me counsel for my defense in criminal cases, and due process rights to counsel and a fair trial.

The fact that the judges are prejudiced against me and trying to cover up the crime of local police also makes it unlikely that I could get a fair trial in Lane County, and there are potentially involved people all over the area.

An issue is at hand, of the covert abuses by the state, which if proven, and as easy as it is given the evidence I have provided, I would be acquitted because the State would be guilty of setting me up, inducing incidents that would have not occurred otherwise, and inducing incidents which I did not participate in willingly (the defense of the crime in my case is that I didn't act willfully, another person forced me into it, remotely abused me into it, and coerced/induced me into it. The state also hid evidence to prove my innocents, and has went to elaborate efforts to conceal my abuse to frame me and win convictions.).

I seek the protection of Habeas Corpus in Lane County only because statute may require it, even though there's a conflict of interest with the Lane County Circuit Court, and abuse by the Presiding Judge there, "Judge Rasmussen" and other judges, who have helped sabotage my release, are denying or not ruling on motions I file (including requests to change venue and new attorneys), won't appoint new counsel, and have on the record called my complaints a "conspiracy" while angrily denying my motion for out of county counsel. Judge Rasmussen has seen reports by my psychologist saying I have been getting abused by the state with covert harassment and surveillance (which she describes as whistleblower retaliation, saying I have no mental illness about it), and a transcript from a US Investigate Services/military employee who came forward as a whistleblower disclosing details about the governments technology used to attack me and her belief that I had been targeted by the State of Oregon / military during weapon/psych experimentation (transcript+audio: <http://www.oregonstatehospital.net/d/USIS.html>).

I called the Post Conviction Consortium and they informed me I could file a new Petition for Habeas Corpus and that I should request their appointment so we could investigate these matters and submit a

Obamasweapon.com: State Habeas Corpus in the Lane County Circuit Court.
2/17/2014.

revised petition if need be. The attorney's office assistant I spoke with is also familiar with my website and case, as I guess I'm quite the celebrity in Oregon (I run obamasweapon.com). I am asking these matters be investigated and protection granted before my trial date on 3/12/2014.

Custody program details: I am forced to check in at Lane County Jail daily, and they threaten me with illegal imprisonment including revocation of my release to the custody program. The Appeals court has held numerous times that people in custody programs pre-trial are eligible for Habeas Corpus, if that is an issue raised by the court, and I'm sure appointing counsel would help me clear this matter up.

More evidence is available on my website at this URL:

<http://www.oregonstatehospital.net/d/russelltice-nsarnmebl.html> (all about NSA warrantless surveillance with radar/space capability, with information by Dr. Robert Duncan, a DOD/CIA/US DOJ surveillance system architect saying Americans are being targeted nationally with it, tortured, and used as experimentation subjects with weaponry and microwave systems he helped design (his books for download + patents for it + interviews on Coast to Coast and Conspiracy Theory TV show are for viewing/download. He also interviewed 650 victims in 2006, which he believes are all credible. There are thousands of victims nation wide).

I am being denied significant liberty and the court should order the granting of my Habeas Corpus and order such relief as may be necessary.

Attached. 1 DVD, ex A.
Video/audio evidence.

DATED: 2/17/2014.

2/17/2014 Todd Giffen

Todd Giffen

405 W Centennial BLVD

Springfield, OR 97477

503-967-5202

<http://www.obamasweapon.com/>

3 | Page

Call the obamasweapon.com hotline at 503-967-5202 to learn more about my case.

FILED
AT 11:49 O'CLOCK A M

MAY 30 2014

Lane County, Oregon

IN THE CIRCUIT COURT
OF THE STATE OF OREGON FOR LANE COUNTY

TODD GIFFEN ,

Petitioner,

vs.

STATE OF OREGON, ATTORNEY
GENERAL OF THE STATE OF OREGON
ELLEN ROSENBLUM, AND ALEX
GARDNER, DISTRICT ATTORNEY FOR
THE STATE OF OREGON

Respondents.

Case No. 16-14-03534

GENERAL JUDGMENT
OF DISMISSAL

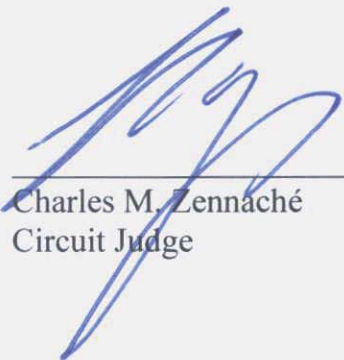
THIS MATTER came before the Court on its own motion, the Court having reviewed the file, and the Court being otherwise fully advised;

FINDINGS OF FACT:

1. Petitioner filed a Petition for Writ of Habeas Corpus on February 20, 2014 regarding the terms of his pretrial detention in Lane County Circuit Court Case Number 22-13-18198.
2. Lane County Circuit Court Case Number 22-13-18198, was dismissed on the State of Oregon's motion on March 5, 2014.
3. This case was assigned to me on May 20, 2014.
4. A review of OJIN reflects that Petitioner does not have any charges currently pending against him in this court.

IT IS HEREBY ORDERED AND ADJUDGED that the above-entitled case is dismissed in its entirety because it is moot.

DATED: May 30, 2014.



Charles M. Zennaché
Circuit Judge

JUN - 4 2014

CERTIFICATE OF COMPLIANCE WITH ORAP 5.05(2)(d)

Brief Length

I certify that (1) this brief complies with the word-count limitation in ORAP 5.05(2)(b) and (2) that the word count of this brief (as described in ORAP 5.05(2)(a)) is 2,910 words.

Type Size

I certify that the size of the type in this brief is not smaller than 14 point font for both the text of the brief and footnotes as required by ORAP 5.05(4)(f).

NOTICE OF FILING AND PROOF OF SERVICE

I certify that I directed the original Appellant's Opening Brief to be filed with the Appellate Court Administrator, Appellate Courts Records section, 1163 State Street, Salem, OR 97301.

I further certify that, upon receipt of the confirmation email stating that the document has been accepted by the eFiling system, this Appellant's Opening Brief will be eServed pursuant to ORAP 16.45 (regarding electronic service on registered eFilers) on Anna Joyce, #013112, Solicitor General, attorney for Defendant-Respondent.

DATED December 2, 2014.

Respectfully Submitted,

/s/ Jed Peterson

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522 SW Fifth Avenue, Suite 1125
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(503) 226-0923
jed@oconnorweber.com
Attorney for Petitioner-Appellant
Todd Giffen

SHAWN E. ABRELL
ATTORNEY AT LAW
5546 SE Taylor Street
Portland, Oregon 97215
shawn.e.abrell@gmail.com
971.258.0333

December 16, 2013

Via E-mail to Todd Giffen to Hand Deliver to the Court at Hearing

The Honorable Todd Michael
Lane County Circuit Court Judge

RE: *State v. Todd Giffen*
Lane County Circuit Court Case No. 221318198
Amicus Letter on Behalf of Todd Giffen

Dear Judge Michael and/or To Whom It May Concern:

Please be advised that I am General Counsel to Freedom From Covert Harassment and Surveillance (FFCHS, <http://www.freedomfchs.com>), a human rights organization of approximately 2,000 individuals that identifies and networks with victims of organized stalking and remote electronic assaults, educates society about covert harassment issues, and advocates for citizens victimized by covert criminal elements. Further be advised that I represent Todd Giffen with regard to his civil claims against The Oregon State Hospital, its physicians and staff, and others involved with organized stalking and remote electronic assault and surveillance.

I am writing in support of Mr. Giffen's request and motion for new counsel in the above-captioned case. It is my understanding that relations between Mr. Giffen and his current court appointed counsel, Jeff R. Johnson, have become irretrievably broken. This was a result of Mr. Johnson's lack of response to his requests for proper investigation resources, experts, etc., in addition to his prior requests for a defense attorney from another county. Further, it is my understanding that Mr. Giffen believes that Mr. Johnson serving as the Lane County Court Deputy Attorney presents a conflict of interest. Further, it is my understanding that upon conferring with Mr. Johnson with his concerns and requests, including new counsel, that Mr. Johnson stated to Mr. Giffen that he was no longer representing him, refused to return Mr. Giffen's calls, refused to review information provided by Mr. Giffen, and threatened to Mr. Giffen that he would order an Aid and Assist Evaluation in effort to have Mr. Giffen me mentally committed. Mr. Johnson further indicated to Mr. Giffen that Mr. Johnson would pick the doctor, which would be local physician Dr. Truahn, whom Mr. Giffen has had a previous negative relationship.

Lane County Circuit Court
Re: Todd Giffen
December 16, 2013
Page 2

Additionally, I have left several messages with Mr. Johnson regarding coordinating Mr. Giffen's criminal defense with the prosecution of his civil case. With no response to my calls, Mr. Johnson stated to Mr. Giffen that he would not call me back, did not want to talk to me, and stated that he would "find" an ethical reason not to do so.

Refusal to cooperate with Mr. Giffen's civil attorneys, his refusal to entertain Mr. Giffen's reasonable and necessary investigation requests, and Mr. Johnson's threat of requesting an Aid and Assist Evaluation as punishment in response to Mr. Giffen's request for replacement defense counsel is concerning and is not a good-faith basis for ordering an Aid and Assist Evaluation.

If Mr. Johnson proceeds with his punitive request for an Aid and Assist Evaluation, the Court should be advised that (1) I have worked with Mr. Giffen for some time and have no issues or problems whatsoever in dealing with Mr. Giffen and I also believe his investigation and other requests are not only reasonable, but necessary; and (2) that Mr. Giffen was found competent to stand trial by a Dr. Corbett who performed an evaluation in November, 2013, finding that Mr. Giffen understood all the legal issues, could cooperate in his defense, and was willing to participate. Further, an earlier report by Dr. Suckow report found only ADHD/depression.

In closing, I wish to appeal to the Court that Mr. Giffen is one of my most competent clients and that his requests for new defense counsel is wholly sound and based on reasonable requests from Mr. Giffen that are necessary for his defense in this matter.

Should the Court have any questions or requests for additional information or documentation, the same will be promptly provided.

Thank you for your consideration.

Respectfully,

A handwritten signature in blue ink, appearing to be "S. Giffen", written over a horizontal line.

GENERAL COUNSEL FFCHS

Cc: Todd Giffen

IN THE SUPREME COURT
OF THE STATE OF OREGON

TODD GIFFEN,
Plaintiff-Appellant,
Petitioner on Review,

v.

STATE OF OREGON,
ATTORNEY GENERAL OF THE
STATE OF OREGON ELLEN
ROSENBLUM, AND ALEX
GARDNER, District Attorney for
the State of Oregon,
Defendant-Respondent,
Respondent on Review.

Lane County Circuit Court
Case No. 161403534

CA A157118

N005749

PETITION FOR REVIEW OF PETITIONER-APPELLANT

Petition to review the decision of the Court of Appeals
on an appeal from the Judgment of the Circuit Court
for Lane County

Honorable Charles M. Zennaché, Judge

Court Decision Affirmed Without Opinion: December 02, 2015
Before: Sercombe, Presiding Judge, and Nakamoto, Judge, and Tookey, Judge

Brief on Merits will be filed if review is allowed.

JED PETERSON #084425 O'Connor Weber LLP 522 SW Fifth Avenue, Suite 1125 Portland, OR 97204 (503) 226-0923 jed@oconnorweber.com Attorney for Petitioner-Appellant	ELLEN ROSENBLUM #753239 Attorney General PAUL L SMITH #001870 Solicitor General ERIN GALLI #952696 1162 Court Street NE Salem, OR 97301 (503) 378-4450
--	---

	Erin.K.Galli@doj.state.or.us Attorneys for Defendant-Respondent
--	--

Filed 01/16

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PETITION FOR REVIEW

In this habeas corpus case, appellant, plaintiff below and hereafter, requests that this court review and reverse the Court of Appeals decision affirming his case without opinion on December 2, 2015. *Giffen v. State of Oregon*, 275 Or App 170, __ P3d __ (2015). A copy of the Court of Appeals decision is attached at ER-1.

STATEMENT OF HISTORICAL AND PROCEDURAL FACTS

The relevant facts in this case are primarily procedural.

I. Habeas corpus proceedings

In the petition for a writ of habeas corpus filed on February 20, 2014, plaintiff alleged that he is “illegal [*sic*] detained and held by the Lane County Circuit Court * * * pre-trial on a charge of assault 4 (under court case number 22-13-18198).” App Br at ER-1.¹ Plaintiff alleged that he is “in a custody program of the Lane County Jail, and am experiencing numerous civil rights violations.” App Br at ER-1.

¹ “A motion to dismiss a writ of habeas corpus is ‘the functional equivalent of a motion for summary judgment’; thus, in reviewing a judgment dismissing a writ of habeas corpus, we will affirm if the record, viewed in the light most favorable to the plaintiff, presents no genuine issue of material fact and the defendant is entitled to prevail as a matter of law.” *Woodroffe v. Nooth*, 257 Or App 704, 705, 308 P3d 225 (2013) (citation omitted).

Plaintiff also alleged other deprivations of his liberty. Plaintiff alleged that he has “sustained serious fatal physical/brain injury from spy games played by the law enforcement in the state from the use of directed energy weapons and military technology on my brain and body[.]” App Br at ER-1. Plaintiff also alleged as follows:

“I allege that at this moment, I am also being stalked and followed on the streets by undercover agents who work with the state to coordinate these abuses, and they are using a number of illegal surveillance tactics on me, trying to harass, and entrap me in the legal system. This violates my 4th amendment rights under the US constitution to be free from warrantless surveillance and illegal searches/seizures by government agents. The abuse I have experienced constitutes cruel and unusual punishment under the 8th amendment, and it also violates my 14th amendment rights to due process, including violating the liberty interest of this right. They also seek to sabotage my legal case, by abusing me and withholding services another violation of the 14th amendment/due process clause, which guarantees a fair trial.”

App Br at ER-1.

Plaintiff concluded his petition, “I am being denied significant liberty and the court should order the granting of my Habeas Corpus and order such relief as may be necessary.” App Br at ER-3.

After plaintiff filed the petition, and before the court appointed counsel, the court dismissed the petition on its own motion:

“FINDINGS OF FACT:

“1. Petitioner filed a Petition for Writ of Habeas Corpus on February 20, 2014 regarding the terms of his pretrial detention in Lane County Circuit Court Case Number 22-13-18198.

“2. Lane County Circuit Court Case Number 22-13-18198, was dismissed on the State of Oregon’s motion on March 5, 2014.

“3. This case was assigned to me on May 20, 2014.

“4. A review of OJIN reflects that Petitioner does not have any charges currently pending against him in this court.

“IT IS HEREBY ORDERED AND ADJUDGED that the above-entitled case is dismissed in its entirety because it is moot.”

App Br at ER-4.

II. Appeal proceedings

Plaintiff appealed and assigned error to the trial court’s denial of issuance of the writ of habeas corpus. Specifically, plaintiff argued that “the dismissal of the underlying criminal case did not render moot plaintiff’s allegations that the state actors were still ‘restraining’ plaintiff’s ‘liberty’ for purposes of habeas corpus.”

App Br at 6.

As noted above, the Court of Appeals affirmed without opinion. *Giffen*, 275 Or App 170.

QUESTION PRESENTED AND PROPOSED RULE OF LAW

Question Presented:

Is a state habeas corpus case moot if the plaintiff does not have any pending criminal charges, but alleges that state actors continue to violate his constitutional rights?

Proposed Rule of Law:

A case is not moot if a ruling in the plaintiff's favor will have a practical effect on his rights. Where a plaintiff alleges various actions by state actors that violate his constitutional rights, and those actions appear to be separate and distinct from the underlying criminal proceedings, the habeas corpus case is not moot merely because the criminal charges were dismissed.

REASONS FOR ALLOWING REVIEW

There are several reasons that this court should grant review. The proper scope of the state habeas corpus statutory scheme presents a question of law for this court, and its resolution would benefit the bench, bar, and public. The state habeas corpus statutes should allow for a plaintiff to seek relief from the infringement of his constitutional rights, separate and apart from his incarceration.

ORS 34.310 describes the purpose of the writ of habeas corpus and provides, in part, "Every person imprisoned or *otherwise restrained of liberty* * * * may prosecute a writ of habeas corpus to inquire into the cause of such imprisonment or restraint, and if illegal, to be delivered therefrom." (Emphasis added.) The plain

text of the statute indicates that habeas corpus can address restraints of liberty outside the context of an ongoing criminal case. *See State v. Gaines*, 346 Or 160, 171-72, 206 P3d 1042 (2009) (To interpret a statute, this court looks to the text and context of the statute, including any helpful legislative history offered by the parties.).

“Otherwise” can be defined as follows:

“**1** : in a different way or manner : DIFFERENTLY * * * **2** : in different circumstances : under other conditions * * * **3** : in other respects * * *”

Webster’s Third New Int’l Dictionary 1598 (unabridged ed 2002). When read in context of the habeas corpus statute, ORS 34.310 applies to a person who is “imprisoned” or *in a different way* “restrained or liberty,” and allows that person “to inquire into the cause of such imprisonment or restraint.”

Plaintiff’s plain-text reading is consistent with how this court has interpreted the statute:

“That being ‘restrained of his liberty’ is not limited to being ‘imprisoned’ appears on the face of the statute. Doubtless the term would include any physical restraint, for instance an allegation that one is illegally kept chained, or in a straitjacket, or blindfolded, though not confined in any closed space. One can be no less restrained by means of the deliberate threat or use of violence to one’s person. Upon such an allegation, the issue is not whether the person on whose behalf the petition is filed is ‘restrained of his liberty’ but whether the restraint is illegal.”

Penrod v. Cupp, 283 Or 21, 24, 581 P2d 934 (1978). Similarly, this court has also interpreted the phrase to apply to restraint outside the context of an active criminal case where charges are pending:

“The logical inference from the statute is that the kind of restraint to which reference is made is a physical restraint within the state of Oregon and within some county or judicial district of the state. A person may be subject to physical restraint when under arrest by a police officer or by any other person, without being in prison, but such restraint differs in kind from that imposed by rule upon a parolee.”

White v. Gladden, 209 Or 53, 60, 303 P2d 226 (1956). Therefore, the plain text of the statute supports plaintiff’s argument that habeas corpus applies to restraints of liberty other than mere confinement pursuant to an ongoing criminal case.

Plaintiff’s reading is also consistent with case law that has held that habeas corpus is available to challenge imprisonment as well as “collateral consequences” from a conviction. *E.g.*, *Baty v. Slater*, 164 Or App 779, 782, 995 P2d 1176 (2000). Oregon courts have held that a restraint of “liberty” for purposes of ORS 34.310 is a state action that violates a person’s constitutional rights. *Dunn v. Hill*, 211 Or App 590, 603, 156 P3d 72 (2007). *See Billings v. Gates*, 323 Or 167, 180-181, 916 P2d 291 (1996) (cruel and unusual punishment under Article I, section 16); *Schafer v. Maass*, 122 Or App 518, 523, 858 P2d 474 (1993) (the Article I, section 13, proscription against treating an arrested person “with unnecessary rigor”); *Bekins v. Cupp*, 274 Or 115, 117, 545 P2d 861 (1976) (due process rights);

Dunn, 211 Or App at 598-605 (addressing the issue of whether the plaintiff had sufficiently alleged a deprivation of his due process right to “access to the courts”).

The plain text of ORS 34.310, as well as case law construing the statute, supports plaintiff’s argument that his habeas corpus case was not moot merely because the pending criminal charges against him were dismissed. This court should allow review to correct the error and clarify the scope of relief available under ORS 34.310.

ARGUMENT

Plaintiff relies on the arguments presented in his brief in the Court of Appeals. *Farmer v. Baldwin*, 346 Or 67, 73-74, 205 P3d 817 (2009).

CONCLUSION

For the foregoing reasons, plaintiff respectfully requests that this court review and reverse the Court of Appeals and the judgment of the trial court and remand for further proceedings.

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DATED January 22, 2016.

Respectfully Submitted,

s/ Jed Peterson

Jed Peterson
OSB No. 084425
O'Connor Weber LLP
522 SW Fifth Avenue, Suite 1125
Portland, OR 97204
(503) 226-0923
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Attorney for Petitioner on Review
Todd Giffen

EXCERPT OF RECORD INDEX

Opinion.....ER 1

FILED: December 02, 2015

IN THE COURT OF APPEALS OF THE STATE OF OREGON

TODD GIFFEN,
Plaintiff-Appellant,

v.

STATE OF OREGON; ATTORNEY GENERAL OF THE
STATE OF OREGON ELLEN ROSENBLUM; AND ALEX GARDNER,
District Attorney for the State of Oregon,
Defendants-Respondents.

Lane County Circuit Court
161403534

A157118

Charles M. Zennaché, Judge.

Submitted on November 10, 2015.

Before Sercombe, Presiding Judge, and Nakamoto, Judge, and Tookey, Judge.

Attorney for Appellant: Jed Peterson.

Attorney for Respondents: Erin K. Galli.

AFFIRMED WITHOUT OPINION

DESIGNATION OF PREVAILING PARTY AND AWARD OF COSTS

Prevailing party: Respondents

☐ No costs allowed.
☒ Costs allowed, payable by Appellant.

CERTIFICATE OF COMPLIANCE WITH ORAP 5.05(2)(d)

Petition Length

I certify that (1) this petition complies with the word-count limitation in ORAP 5.05(2)(b) and (2) that the word count of this petition (as described in ORAP 5.05(2)(a)) is 1,590 words.

Type Size

I certify that the size of the type in this petition is not smaller than 14 point font for both the text of the petition and footnotes as required by ORAP 5.05(4)(f).

NOTICE OF FILING AND PROOF OF SERVICE

I certify that I directed the original Petition for Review to be filed with the Appellate Court Administrator, Appellate Courts Records section, 1163 State Street, Salem, OR 97301.

I further certify that, upon receipt of the confirmation email stating that the document has been accepted by the eFiling system, this Petition for Review will served by U.S. mail delivery on Erin Galli #952696, 1162 Court Street NE Salem, OR 97301 attorney for Respondent on Review.

DATED January 22, 2016

Respectfully Submitted,

s/ Jed Peterson

Jed Peterson
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522 SW Fifth Avenue, Suite 1125
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Attorney for Petitioner on Review
Todd Giffen

Seth Farber, PhD.
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[646 707-3693](tel:6467073693)

4/11/2016

To US Supreme Court,

I am an author and psychotherapist.. I have been practicing therapy for many years, having received my doctorate in psychology in 1984.

I have known Todd Giffen for two years and he has consulted me many times for counseling.

He has been under extraordinary stress and is still suffering from post traumatic stress disorder (PTSD) and traumatic brain injury (TBI); these symptoms plus recurrent trauma prevented him from filing request for time extension in timely manner. For example neurologist Stefan Harold wrote Giffen's tests show "a history of symptoms consistent with CTE (chronic traumatic encephalopathy), a pathophysiological condition of immune-excitotoxicity resulting from repetitive insults to the brain.." Slightly less than a year ago Dr. Purna C Datta diagnosed organic brain disorder and stated that Mr Giffen needed "rehabilitation for his organic brain injury." He never received rehabilitation.

In my own consultations with him, I have noticed deterioration of his intellectual abilities and increasing difficulties tolerating routines of daily life--although some of his cognitive skills are still above average.. Thus coping with the psychological and physiological impact of brain damage, PTSD, and recurrent injuries prevented Mr Giffen from filing writ of certiorari or request for time extension for months--although he had intended to do so.

Thus I think extraordinary circumstances warrant the extension of the deadline for filing a writ of certiorari.

If further information is required please let me know.

Sincerely,

Seth Farber, Ph.D.



MAGHINAY INVESTIGATIONS, LLC
PO Box 5575, Salem, OR 97304
Email: Jennifer@maghinayinvestigations.com
URL: www.maghinayinvestigations.com
Direct line: (503)551-0129 ♦ Fax (503)365-0911

January 6, 2016

To Whom It May Concern:

Re: Todd Michael Giffen v. State of Oregon

My name is Jennifer Maghinay and I am an Oregon Licensed Private Investigator located in Salem, Oregon.

On or about July 22, 2015, I was contacted by Todd Giffen, via telephone and asked if I would be able to assist Mr. Giffen in his case referenced above. After a brief conversation in regards to the case, I agreed to assist and was advised that the attorney of record was Lawrence L. Taylor. After talking with Mr. Giffen, I placed a telephone call to Mr. Lawrence's office in Portland and advised him that I was hired by Todd Giffen to represent him as the case investigator.

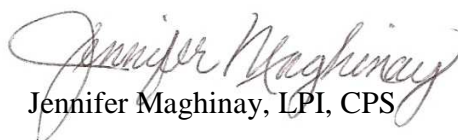
Approximately a month later, I was contacted by the attorney Lawrence L. Taylor and advised to keep track of my time and then he briefly reviewed the case with me.

I continued to receive an assortment of emails from Mr. Giffen of his research and various articles & studies in support of his position. I continued to track the articles and review them, researched the assessment, medical reports and various theories provided by Mr. Giffen. I then placed a call to Lawrence Taylor seeking his participation.

On or about December, 2015, I was contacted by Mr. Giffen stating that Mr. Lawrence was no longer his attorney and that he was filing a complaint against him. I placed a call to Lawrence Taylor to find out his status on the case. Mr. Lawrence asked if I could find any cases to support or was in kind to the case of Mr. Giffen. I found two such cases and forwarded them to Mr. Lawrence. Then I was advised by Todd Giffen that Mr. Lawrence was not his attorney and that he would be responding to the complaint he filed with the Oregon Bar Association, and that Mr. Lawrence should be withdrawing from the case. I was in a stand still until the outcome of the upcoming hearing on February 12, 2016. I continue to receive emails from Mr. Giffen and log them.

In conclusion, I continue to review and follow the articles, various cases and citations in regards to government mind-control experience, human implants, by reading and reviewing the technology and media coverage of U.S. government experiments, and the cost to the victims of such operations.

Sincerely,


Jennifer Maghinay, LPI, CPS



MAGHINAY INVESTIGATIONS, LLC
PSID#33347
PO Box 5575, Salem, OR 97304
(503) 551-0239 (direct line) (503) 365-0911 (Fax line)
Email: Jennifer@maghinayinvestigations.com

March 29, 2016

RE: Todd Giffen

To Whom It May Concern;

I received a telephone call late in February from the attorney Lemarr Carver, regarding the above reference client. Mr. Lemarr asked me how I was involved in the case and I explained that I was contacted by Todd Giffen many months ago about hiring me as a private investigator to work his case. I agreed to assist him.

Then Mr. Lemarr asked me what I was able to find out, and I explained that I was asked by the previous attorney, Mr. Lawrence to search for any cases that were filed and heard or cited that were familiar to Mr. Giffen's. I did and sent two such case citations to Mr. Lawrence late last year.

Then Mr. Lemarr reported to me that he felt he did not need my services as his firm had an in-house investigator, but, if I was needed, he would contact me. I informed Mr. Giffen of my conversation with attorney Lemarr.

Should you have any questions, please free feel to contact me at any time.

Sincerely,

Jennifer Maghinay



Purna C. Datta, Ph.D., QME

Registrant #43436, National Register of Health Service Providers in Psychology

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May 4, 2015

Dr. Zaina El-Isa
Golden Valley Health Center
2101 Tenaya Drive
Modesto, CA 95354

RE: Todd Michael Giffen; DOB: 3/13/1985

Dear Dr. El-Isa:

I am sending you a copy of the psychological evaluation that I conducted at the request of Mr. Todd Michael Giffen. Mr. Giffen has signed a release with me to do so. The evaluation was requested by Mr. Giffen and also his case worker Sheri Padilla of MHN for Health Net Medicaid for the purpose of referring him to the Neurology Clinic of UC Davis to investigate possible brain damage (Traumatic Brain Injury). Mr. Giffen has been diagnosed with posttraumatic stress disorder (PTSD) and also has symptoms of TBI. I have seen Mr. Giffen on 5 different occasions and evaluated him on several neurocognitive assessments including assessment for ADHD, depression and PTSD. Mr. Giffen came positive with the symptoms of PTSD and also symptoms of TBI/brain pathology. Mr. Giffen needs treatment for his PTSD and also needs rehabilitation for his organic brain pathology/TBI.

Please keep contact with me as you may need to write to the Neurology Clinic of UC Davis in the event of their denial to see Mr. Giffen.

Thanking you,

Sincerely,

Purna C. Datta, Ph.D., QME
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Office of Admissions
Department of Neurology
Attention: Cathleen Baynes, M.D.,
University of California Davis
4860 Y Street
Sacramento, CA 95817

April 29, 2015

RE:	Name of Patient:	Todd Michael Giffen;	Date of Birth:	03/13/1985
	Address:	[REDACTED]	SSN:	[REDACTED]
	Insurance Carrier:	MHN for Health Net Medicaid	Insurance ID#:	[REDACTED]
	Dates of Evaluation:	3/11/15 -4/21/15	Date of Report:	4/29/2015

Dear Dr. Baynes:

The above patient is being referred to the UC Davis Neurological Clinic for the purpose of an extensive neurological examination possibly using fMRI and/or dMRI to detect the extent of organic brain damage that he has sustained due the traumas related extensive physical, chemical (psychotropic medications), food deprivation, environmental deprivation/manipulation, sexual, emotional and other abuse on him in the past (starting from 1 year of age and exacerbating at or after age 19). I have discussed the possibility of admitting him at the Neurological Clinic with the Admission's office and I have been given your name as the contact neurologist. As you can see in the history of abuse stated below, it is likely that Mr. Giffen has sustained organic brain damage (traumatic brain injury (TBI) in addition to PTSD) that has caused his current disability.

Mr. Giffen was referred to me by his Case manager Sheri Padilla of MHN for Health Net Medicaid as someone who needed treatment for his depression, anxiety and memory problem related to organic brain traumas. She wanted to know if I was a neuropsychologist who could perform a neuropsychological evaluation for the purpose of a brain scan referral. The Case manager was informed that I was a clinical psychologist and not an ABPP in neuropsychology. Yet Ms. Padilla and Mr. Giffen wanted to see me for an assessment and referral for a neurological investigation and possible therapy. At the intake, Mr. Giffen showed mild level of depression on BDI-II, but no suicidal ideation. He did not show any evidence of thought disorder and his mood and affect were within normal limits. However, he complained about memory problem (lapses) and at times inability to remember simple things. This was also apparent on the 'Attention' subtest of the COGNISTAT. The current report will describe the type of memory problem that Mr. Giffen has and this appears to be different from the memory lapse/loss observed in the PTSD patients. Hence, the issue of differentiating TBI from PTSD will be a matter of interest for the Neurology Department of the UC Davis.

Records Reviewed:

The records reviewed were all supplied by Mr. Giffen. The records included the evaluation reports of (i) Dr. Misty Getrich and Dr. Cynthia Vincent, clinical psychologists in Modesto on 10/8/14, (ii) Dr. Stephen M. Harold, Chiropractic Neurologist of Portland, Oregon, on 2/13/14, (iii) Dr. Daniel Hardt, Lane County, Oregon, on 4/15/13, (iv) Ron Unger, LCSW of the Center for Family Development on 12/11/13 and (v) Cathy Meadows, Clinical Psychologist, California, on 8/22/13.

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Dr. Getrich and Dr. Vincent said in their joint report of 10/08/2014 that the main issues of treatment were 'anxiety, depression, numbness and emotional detachment, feelings of hopelessness and helplessness, psychosomatic concerns and physical symptoms related to previous injuries and traumas'. Mr. Giffen told them about significant abuse in the past originating in childhood, maltreatment while in Oregon State Hospital (OSH), physical assault from law enforcement staff and being a 'targeted individual'. He was placed in the hospital when he did not have any severe mental illness. He once 'faked suicidal behavior' to get away from the house of his abusive paternal grandmother and brandished a knife; this led to his jail time and hospitalization at OSH (where he was abused by forceful assault, gang assault, by psychotropic medication using mechanical and chemical restraints and other abuse techniques), for five years. Dr. Getrich and Dr. Vincent gave him the diagnosis of PTSD, chronic (DSM-IV Code 309.21) and Generalized Anxiety Disorder (DSM-IV code 300.02). They recommended for treatment of PTSD, sleep problem, anxiety and improving social and coping skills. The psychologists did not see any evidence of psychosis in Mr. Giffen.

Dr Harold stated on 2/13/14 that Mr. Giffen presented a history of symptoms consistent with "CTE (chronic traumatic encephalopathy), a pathophysiological condition of immune excitotoxicity resulting from repetitive insults to the brain causing priming of microglia cells that then over react to future insults, be that physical or chemical insults" Dr. Harold further added, "CTE causes diffuse injury to neurological networks, with greatest vulnerability in the frontal lobes, hippocampus, basal ganglia and limbic areas causing a wide variety of both physical and neuropsychological symptoms". He said that according to the patient's report, he suffered 'neuroleptic malignant syndrome, new dystonia and drug induced dyskinesias as well as another episode of severe dysautonomia brought on by the medical treatments in the hospital, which his medical records from OSH could verify'.

Dr Daniel Hardt, a neurologist, wrote about Mr. Giffen on 4/15/13 that "At the age of 21, while being at Oregon State Hospital, he was diagnosed as having neuroleptic syndrome, primary symptoms that he recalls were hair-loss, narcolepsy, difficulty focusing and concentration on his tasks at hand. His primary complaint this day are the head pressure, anxiety, poor focus, muscle flaccidity". Dr. Hardt gave the diagnosis of Post Concussion Syndrome in addition to Anxiety, Poor Nutrition and Adjustment Disorders.

Mr. Unger's mental health assessment report on 12/11/13 indicated that Mr. Giffen had been admitted at the OSH three or four times and was inappropriately diagnosed as being 'psychotic' and placed under heavy doses of psychotropic medication along with the mechanical restraints and isolation lockups. However, he did finish the court mandated time and volunteered to receive treatment for his problems. He reported depression, with little energy, trouble relaxing, trouble concentrating all of which made it hard to get on with his life. He also reported to Mr. Unger that he sustained brain and neuromuscular injury due to torture at the OSH. Mr. Unger gave him the DSM-IV Axis I diagnosis (309.81) of Posttraumatic Stress Disorder (PTSD). The mental health staff Cheryl Haun was going to try the use of EMDR on Mr. Giffen to treat his PSTD, but he left for California at that time.

Cathy Meadows on 8/22/13 reported that Mr. Giffen was a victim of abuse most of his life. However, he does not show any symptom of mental illness and has a history of imprisonment in mental hospital for five years during which time he was treated with enormous amounts of psychotropic medications such as Haldol, Seroquel, etc. and was placed on mechanical and chemical (drug injection) restraints. Ms. Meadows stated that Mr. Giffen did not attend school in early life starting from 7th grade due to

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his fear of school and abuse at home, but when he sat for the GED test at age 20, he received 99th percentile in science and 88th percentile in overall test. This indicated that he was a bright young man who did not do well due to lack of opportunity and apparent abuse on him by the care takers. Ms. Meadows did not use any assessment and did not talk about any diagnosis of Mr. Giffen except mild Anxiety.

The purpose for this current assessment has been to evaluate Mr. Todd Giffen for the claimed brain injury (possible TBI) and associated psychiatric injury (extent and severity of PTSD) during the course of his abuse in childhood and also while being imprisoned in OSH.

Purpose of the Evaluation: As stated earlier, the purpose of this evaluation was to determine (i) if Mr. Giffen has been suffering from traumatic brain injury (TBI), and if so to what extent, (ii) if he has been suffering from post-traumatic stress disorder (PTSD), (iii) if he has been suffering from major depression or any other psychiatric illness, and (v) if the evaluation generates need for treatment of his symptoms revealed by this examination (and amount/extent of treatment), if any.

Current situation:

Mr. Giffen has been currently living with his mother Stacy Giffen in Modesto since the middle of last year. He has been receiving SSI benefits for being disabled and unable to work. Mr. Giffen is a well mannered young man and has been having a positive attitude toward life. He has not been taking any medication (even for pain from previous injuries) except fish oil. He has a good sense of time and keeps his appointments without a failure. He has the sense of responsibility and helps his mother to look after his maternal grandmother. However, he wants to move out if he gets a cheap housing accommodation. He came to this practice for help to see what is wrong with his brain and if he can be helped to lead a normal life. He sees a General Practitioner (Dr Zaina El-Isa) of the Golden Valley Health Centre in Modesto who has kept contact with this evaluator. Dr. El-Isa also is supporting this referral for the neurological examination at the UC Davis.

Current Evaluation Methods and Procedures:

The following procedures/tests were used in the current evaluation: Mental Status Examination (MSE), COGNISTAT the Neurobehavioral Status Examination, Rey-15 Item Memory Test (to rule out possibility of malingering/faking/exaggerating symptoms), Bender Gestalt Visual Motor Test (BGVMT to assess possible organicity/organic brain damage), Wechsler Adult Intelligence Scale-Revised (WAIS-R, to verify the verbal and performance IQ differences as possible indicator of organicity), Trail Making Test (TMT, to evaluate possible organicity), Benton Visual Retention Tests (BVRT, to evaluate possible organicity), Beck Depression Inventory-II (BDI-II to assess his level of mental depression, suicidal thoughts, if any), and post-traumatic diagnostic scale (PDS) of Dr. Edna Foa to evaluate the presence and severity/chronicity of PTSD symptoms.

Background Information:

Developmental and Family History:

The following history was provided by Mr. Giffen in four different sessions and the consistency of his reports was remarkable. Mr. Todd Giffen was born on 3/13/1985 at Cottage Grove Hospital, Cottage Grove, Oregon, to the marital relationship of his mother (Stacy Giffen, now age 49 and living in Modesto, California) and his father (Donald Giffen, age 49 and living in Phoenix, Arizona with his girl friend). As far as Mr. Giffen knows and heard from his grandmother and mother that the delivery was normal and his

developmental milestones were also normal. He had no serious injury or sickness as a child. His parents were married until Mr. Giffen was one year old when his mother left the family. Mr. Giffen then went to live with his paternal grandmother Arlene Giffen and lived with her in Cottage Grove until he was 4 years old. After separation, his father moved on with a girlfriend called Paula Masters and had a daughter, Mr. Giffen's half sister, Tiffany Giffen (age 28) who now is married, an RN by profession and lives in North Carolina. Mr. Giffen lived with his father and Paula Masters until age 5 when Pamela Masters left the family. Then his father got another girlfriend called Janet Hanson and married her to have a son, Mr. Giffen's half brother, Statson Giffen who is now age 23 and lives on his own in Oregon. His stepmother Janet Hanson had two other sons from a previous relationship and Mr. Giffen was raised by his father and Janet until he was 9 years old (in the 4th grade). It was Janet who regularly abused Mr. Giffen, starved him, put him under the house (basement room) whenever someone came in the house. One day, Janet took the children from swimming and mercilessly beat him for not listening to her to walk in rough terrain to reach the waters. She brought her home and put him on diapers and fed him baby food. Also she kept him naked if he did not want the diaper. His father oneday came home and saw this and called the police. The police decided that Mr. Giffen goes back to his paternal grandmother. He became settled at his grandmother's house and started going to the school, but about 3 months later his father and Janet came and took him back to their house. Soon after this, Mr. Giffen's father and stepmother Janet divorced and he was sent to his biological mother Stacy Giffen (whom he saw first at age 4) in Baker City, Oregon. He lived with his mother for 3 months only and then went back to his father as his mother was associating with people of gang affiliation and he told that to his father. His father at this time started living with another girlfriend Carol Garver and moved to Phoenix, Arizona. Carol did not like Mr. Giffen (for his immaturity in his own words) and started abusing him emotionally first and then physically. She would not let him go to school and then called his father at work to tell him that Todd refused to go to school. One day, his father came and pushed a soap bar in his mouth and made him walk to school. His father then sent him to live with father's sister Brenda Sunkler in Eugene, Oregon; he was in the 6th grade at this time. Brenda's husband Butch Sunkler was a truck driver and was also very abusive to the children including their daughter Ashley. Butch was hitting on his face causing bleeding; oneday, he was spitting out blood at school and the school Principal called police. At age 12 (7th grade), Mr. Giffen was sent back to his grandmother in Springfield, Oregon. By this time, Mr. Giffen developed the symptoms of PTSD and was scared to being beat up even in school and refused to go to school. He was placed in a special school program for the disturbed children and he attended classes, but he did not learn anything there as they taught at the lower grade level. His grandparents called his father as he was refusing to go to school; his father came and beat him up and asked him to leave the house. He went out and stayed out 5-7 days in a backyard shed of a neighbor's house. His sister and cousin brought food for him as far as he remembers. Then he went back to his grandmother's house and attended the violent kids' special education program at the school for a while. In the 8th grade (age 13), he saw a school counselor for two days and also saw a doctor (Dr. Frank Stragar) who placed him on Zoloft for two months.

Mr. Giffen was first arrested at age 13 after his grandmother called the police and had 6 hours of detention. This happened when he refused to go to school and grandparents were pushing him out of the house telling him to go to a homeless shelter. At age 18, Mr. Giffen had been suffering from pain due to TMJ, could not get any treatment as there was no Medicaid; he was crying and thinking of killing self. His grandmother took him to the emergency of Sacred Heart Medical Center in Springfield and he was placed on Prozac for about a month. After this, as Mr. Giffen turned 19, he became more desperate for treatment and staged a 'fake suicidal behavior' by brandishing a knife at his grandmother and at himself. Grandmother called the police and he was arrested and taken to Lane County Correctional Center.

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He went to the court, got a serving time of 1 year and 6 months, but in a week at the Jail, he became suicidal. He was then transferred to the OSH for the first time in 6/04 and was released back to jail in 12/04. He was then placed in a homeless shelter for 3 months in 3/05. He was placed in a group home called Willam Ware House in 6/05 and stayed there until 11/05. At the group home Mr. Giffen was placed on five different drugs and he could not move his body. He went back to his grandparent's house and shortly after he swallowed a bottle of Zoloft pills that he collected from the group home. He was taken to the local hospital emergency where they pumped out from his stomach and after a week sent him to OSH. This is the time when the alleged sexual abuse and harassment by a female staff took place at the OSH and he was subjected to severe physical assault and mechanical and chemical restraints took place. The abuse started after he wrote letters to the Superintendent and to outside. He was released from OSH in 3/10 after PSRB expired, in the words of Mr. Giffen. He went to a serviced apartment in Springfield Oregon in 3/10. In 2/11, he moved with his grandfather for a month and was arrested in 3/11 for assault charges against grandfather. He said that while arresting him two police officers physically assaulted him, punched him on his face and head and broke his nose and teeth causing bleeding. He went to jail and was again admitted to OSH on 5/20/11. He was released back to jail in 3/12. After spending 6 months in jail, Mr. Giffen went back to the OSH for another evaluation in 10/11; he was complaining about body pain, brain pain and had high blood CPK counts. After about a year in 1/13, he was released to jail from OSH for passing their 'release test'. On 6/6/13, he was released from the court to his grandfather in Springfield. On 9/13/13, he was again arrested for assault on his grandfather and was admitted to OSH in 10/13. The case was dismissed on 2/20/14 and went to live with a friend in the homeless shelter for a month. He contacted his mother in Modesto who offered him a room on the condition of good behavior and helping her to look after his handicapped maternal grandmother. Mr. Giffen agreed and came to live with his mother on 4/20/14. Until this date there has been no problem in living with his mother and helping her to look after her mother.

Mr. Giffen has no previous work experience except working in the manufacturing jobs at the OSH in 2008. He said that he has trained himself how to do computer programming and website designing, but he has not earned any money by doing any work for others. He has been receiving social security benefits for his disability since 6/06. The reports of various doctors stated above indicated that Mr. Giffen had been feeling extremely distressed and voluntarily sought treatment for improving his condition and living a better life.

History of Psychotropic medication: There is an extensive history of psychotropic medication on Mr. Giffen by various medical practitioners starting at age 8 when he was placed on Ritalin 20 mg. He was receiving Ritalin 20 mg SR and Cylert 77.5 mg SR between the ages of 9 and 11, according to his records. There is also a letter from one Gregory Hemsley, MD of Valley Children's Clinic in Springfield, Oregon, written to Mr. Giffen's father which stated that 'Todd was getting suboptimal care due to changes in caretakers and changes in living arrangement'. The doctor wanted Todd to be in treatment and receive good social and other care. During this period (ages 8-12), Mr. Giffen used to get severe stomach pain, coughed up blood and also his nose often bled. There was no consistency in the use of Ritalin and then there was the use of Cylert SR 77.5 mg to start with. This was stopped and again Ritalin was started. When Mr. Giffen was with stepmother Carol, she refused to give him the medication and also refused to let him go to school. This story went on until he was returned to his grandmother. At age 13, he was placed on Zoloft for a few weeks, but that was stopped as he started therapy with Happy Shaw Trapp, a school counselor. He was placed on Prozac for a while when he staged a 'fake suicidal behavior' at age 19 in 2003.

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In 2004, at the OSH, Mr. Giffen was placed on Paxil 20 mg. Following this, he was assaulted and injected with Haldol, Ativan and Benadryl. This was the beginning of psychotropic medications on him. He started having panic attacks and nightmares. The unit physician Dr. Meyer diagnosed him with psychosis and started with Zyprexa 20 mg. Another doctor started Ritalin and changed Paxil to Celexa. Zyprexa continued until he gained 100 pounds and then the doctor stopped Zyprexa and started Abilify 20 mg. The doctors tried with Lithium, Valium 40 mg and Xanax for panic attacks and shifted from Celexa to Lexapro to Wellbutrin to Lexapro. They also tried Lamectal and Buspar on him; he does not remember their dosages. To help him to sleep the doctors gave him Trazodone and then started high dosages of Seroquel. Mr. Giffen said that he had a severe attack of neuroleptic malignant syndrome (NMS) in 12/06 (due to Seroquel 400 mg/4 times a day totaling 1600 mg/day and on and off Haldol injections); the symptoms subsided in 4/07, when the Seroquel dosage was reduced. Mr. Giffen said that he was thinking that he was dying. He had high temperature, had muscle spasms and his neck and body were stiff. He said that still now he feels chills in his head and feels that his brain is swollen. He said that he experienced some sexual dysfunction from excessive use of SSRI; he said that Effexor was used upto 300mg/day.

Mr. Giffen stated that his sister also was very depressed, had PTSD from abuse, but she apparently did well and became a RN and also got married and living in North Carolina. He said that his parental grandmother Arlene (who also abused him) was also suffering from depression and received Zoloft. He said that his half-brothers also suffered from PTSD and received treatment.

Mr. Giffen said that he used to have nightmares before, but they stopped some years ago and he does not have anymore dreams.

Mr. Giffen denied abusing any street drugs. He said that he never associated with gang members and drug abusers.

Findings of the Present Examination:

Behavioral Observations and Mental Status Examination:

The current assessment took place on 3/11/15, 3/18/15, 3/25/15, and 4/15/15. Mr. Giffen came to this practice by self and on time on each day. He said that the Health Net has a 'ride service' which he avails of to come from Modesto. Mr. Giffen appeared to be walking without gait and most of the time had a smile on his face. He understood all instructions, had good eye contact during the assessment sessions and his speech was very clear and easily understandable. As the sessions progressed, he appeared more at ease and comfortable. He showed sadness on her face when he talked about his current disability and about his past physical, emotional, sexual and other abuse since his early life. Mr. Giffen was evaluated on BDI-II in the first session and he showed mild level of depression (scored 17). Mini Mental Status Examination was used daily and the COGNISTAT was also used in the first session. The COGNISTAT showed superior abstract reasoning (similarities), good level of consciousness, judgment, orientation and reasoning. However, his attention and memory were below average. Mr. Giffen said that he had been diagnosed with ADHD as a child and received Ritalin and Cylert. The average of MSE showed that Mr. Giffen is oriented to 4 X 0 and shows no evidence/ symptom of thought disorder. He denies of having auditory or visual hallucinations and denies of any delusional thoughts. He denies having suicidal or homicidal thoughts or ideation. His mood and affect are within normal limits. He has good eye contact, has a good repertoire of words, and his speech is clear and coherent and to the context. Mr. Giffen is at times anxious about the future and appears to be someone who has survived significant abuse and trauma in the past. He shows significant emotional expressions when he talks about the past abuse both as a child and as an adult; he appears to have enliven experiences of traumas. He said that still now he feels chills in

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his head and feels that his brain is swollen. He said that he experienced some sexual dysfunction from excessive use of SSRI; he said that Effexor was used upto 300mg/day. The total assessment session lasted for more than 7 hours on five different days at this office.

Rey-15 Item Memory Test: The Rey-15 Item Memory test is designed to evaluate immediate visual memory and also to assess one's effort to malingering symptoms of psychopathology (if any). Mr. Giffen received a perfect score of 15/15 on the Rey-15 Item Memory test suggesting his average immediate visual memory and absence of any effort to malingering symptom of psychopathology (malingering is indicated for a score of <9/15).

Bender Gestalt Visual Motor Test (BGVMT): The BGVMT was administered to assess Mr. Giffen's possible problem in perceptual motor coordination suggesting organic brain dysfunction/damage (if any). The BGVMT drawings of figures showed some perceptual motor problems (i.e., angular distortion in Figure 2 and embellishment in Figures 4 and 7, generating a score of 3), but did not indicate any gross perceptual motor problem. This score of 3 indicated that he has minor perceptual motor coordination problem and yet this falls in the upper normal limits, indicating absence of serious organic brain problem (normal range is 0-4; organic brain damage is indicated for a score >5).

Trail Making Test (TMT): The TMT of Halsted Reitan Battery of tests is used to assess one's possible neurological damage. Mr. Giffen scored the following: Part A = 22 seconds, PR90; Part B = 70 seconds, PR<50. Mr. Giffen struggled with Part B serial task and suggested possible problem in frontal lobe functioning.

Attention Deficit Scales for Adults (ADSA) Scale: The ADSA was administered if Mr. Giffen has been suffering from symptoms of adult ADHD. The 54 item scale generated a normal profile (PR 50) for Mr. Giffen. The only area that showed elevation (PR86) was Attention-Focus/Concentration.

Wechsler Adult Intelligence Scale-Revised (WAIS-R):

Verbal Subtests	Raw Score	Scaled Score	Performance Subtests	Raw Score	Scaled Score
Information	23	12	Picture Completion	19	16
Digit Span	15	10	Picture Arrangement	19	15
Vocabulary	62	13	Block Design	46	14
Arithmetic	17	14	Object Assembly	37	13
Comprehension	29	15	Digit Symbol	53	9
Similarities	26	15			

Total Verbal Score = 79 (Verbal I.Q.= 108); Total Performance Score = 67 (Performance I.Q. = 126); Total Full Scale Score = 146 (Full Scale I.Q. = 126). The above WAIS-R score difference between Verbal IQ and Performance IQ (18 points or above 1 SD) indicated presence of some diffused organic problem affecting his overall performances. This problem demands further neurological assessment. Mr. Giffen's digit span showed an interesting pattern, performing poorer in forward digit memory compared with memory for backward digits (most people do better in forward digits). The digit symbol also indicates possible organicity considering the other areas of cognitive functioning.

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Benton Visual Retention Test (BVRT): The drawings of Form C were done from memory after 10 sec exposure each. Mr. Giffen drew smaller circles in Figures 2, 3 and 4. He drew Figure 5 rectangle in place of square and he showed 90 degree rotation and Figure distortion. Figure 9 drawing showed 180 degree rotation of left part and Figure 10 showed distortion, 90 degree rotation and shape loss. Mr. Giffen received a score of 7.5 on the BVRT that placed him in the organic brain damage group. The BVRT has a corrected error score for the WAIS-R IQ. For an individual with an IQ of 110 should have 9 correct drawings of 10 figures. Mr. Giffen has generated 4 correct drawings out of 10 figures (his full scale IQ is 126). The BVRT results indicate that Mr. Giffen has brain pathology that has been affecting his memory, both visual and auditory, that is different from memory problem observed in PTSD patients. Hence, he needs further neurological evaluation and scanning to detect the nature and extent of his brain pathological condition.

Beck Depression Inventory-II (BDI-II): Mr. Giffen endorsed several depressive thoughts on BDI-II. He indicated that he feels sad much of the time, feels hopeless, feels like a failure, feels like being punished, does not feel guilty, does not cry and does not have suicidal thoughts. He feels low energy, has difficulty to make decision, and finds it hard to keep his mind on anything. He did not report any problem with sleeping or eating. He received a score of 17 indicating presence of mild level of depression (Mild depression range is 14-19 on BDI-II). It appears that his depression is stemming from or is related to his past traumas or PTSD.

Posttraumatic Stress Diagnostic Scale (PDS):

THE PDS was administered to verify the presence and severity of the symptoms of PTSD (Mr. Giffen received the diagnosis while being in Oregon). The PSD (developed and standardized by Dr. Edna Foa and copyrighted by National Computer Systems) is designed to assess one's severity of PTSD symptoms and compares the individual with the total population suffering from PTSD. Mr. Giffen endorsed several items that reflected experiencing severe traumatic situations in life. The number of positive symptoms endorsed was very high and the Symptom Severity score was 43/51 indicating presence of severe symptoms of PTSD, chronic in nature. Hence the DSM-IV diagnosis of PTSD chronic is appropriate. However, it should be kept in mind that similar symptoms of trauma (PTSD) are also observed in TBI patients.

Diagnostic Impression:

DSM-IV-TR Diagnosis

Axis I:	309.81	Posttraumatic Stress Disorder, chronic, severe
Axis II:	V71.09	No diagnosis on Axis II
Axis III:		Traumatic Brain Injury (TBI) to be examined History of Neuroleptic Malignant Syndrome Chronic Traumatic Encephalopathy (to be ruled out by examination)
Axis IV:		Psychosocial Stressors: Moderate to severe stressors related to his inability to 'get a job and support self', difficulty to remember simple things that makes him depressed.
Axis V:		Current GAF = 45 (moderate to severe adjustment problems in family, social and work life, has difficulty in occupation and social life).

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Brief Summary and Conclusions:

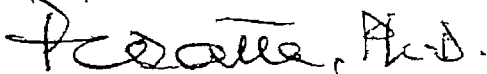
The current evaluation confirmed and showed that Mr. Giffen has been suffering from severe and chronic symptoms of PTSD and will need treatment (using CBT and EMDR) to reduce impact of the traumas.

The evaluation also suggested on the neurocognitive tests (i.e., TMT, WAIS-R and BVRT) that he has symptoms of TBI that have made his life miserable. He has been asking for help to evaluate the extent of his brain damage from past traumas/abuse and wants help to deal with the symptoms of PTSD and brain damage that made his life extremely difficult for him. He is a very intelligent young man and he can learn to do things very easily to earn a living, but the disability created by the symptoms of TBI and/or PTSD made it extremely frustrating for him. He has very negative experience with psychotropic medication (that induced NMS at OHS) and hence, he is against the use of any medication as an adjunct therapy.

Mr. Giffen will need an immediate referral for psychotherapy (using CBT and EMDR) after the completion of neurological examination involving fMRI and/or dMRI at your clinic.

Thanking you very much,

Sincerely,



Purna C. Datta, Ph.D., ICPP, QME, Diplomate
American Board of Forensic Medicine,
Clinical Psychologist
CA License#: PSY10808
NPI#: 1275646036

REFERRAL TO NEUROLOGY

AUTHORIZATION
OF RELEASE OF INFORMATIONBy signing this document, I, (name of patient) Todd Giffen (hereinafter "Patient") hereby authorize (name of provider), Purna C. Datta, MD

(hereinafter "Provider") to disclose mental health treatment information and records obtained in the course of Provider's treatment of Patient, including, but not limited to, Provider's diagnosis of Patient, to (name and functions of the person or entity to whom disclosure is made)

Dr. Cathlyn Dwyer, Dept. of Neurology
O.C. Dwyer
4860 Y Street, Sacramento CA 95817
(916) 734-3588, Fax (916) 703-5078I understand that I have a right to receive a copy of this authorization. I understand that any cancellation or modification of this authorization must be in writing. I understand that I have the right to revoke this authorization at any time unless Provider has taken action in reliance upon it. And, I also understand that such revocation must be in writing and received by Provider at (insert provider's address) 7510 Shoreline Drive
Suite A-6, Stockton, CA 95219 to be effective.This disclosure of information and records authorized by Patient is required for the following purpose: To refer patient to Neurology for
examination of brain damage (possible TBI)
and differentiate TBI from PTSD.

The specific uses and limitations on the types of medical information to be discussed are as follows: _____

Such disclosure shall be limited to the following specific types of information: Evaluation
Report on Psychological examination
preceding the neurological examination and possible
brain damage from trauma.

Provider shall not condition treatment upon Patient signing this authorization.

Patient has the right to refuse to sign this form.

Patient understands that information used or disclosed pursuant to this authorization may be subject to re-disclosure by the recipient and may no longer be protected by the Federal Privacy Rule, although such information may be protected by applicable California law.

This authorization shall remain valid until: 180 daysTodd Giffen
Todd Giffen
Patient4/15/2015
4/19/2015
Date



Behavior Therapy and Counseling Associates

Purna C. Datta, Ph.D., QHE

Registrant #43436, National Register of Health Service Providers in Psychology

7510 Shoreline Drive

Suite A-6

Stockton, CA 95219

Phone (209) 406-6817

Fax (209) 951-7083

AUTHORIZATION OF RELEASE OF INFORMATION

By signing this document, I, (name of patient) Todd Giffen (hereinafter "Patient") hereby authorize (name of provider) Purna C. Datta Ph.D. (hereinafter "Provider") to disclose mental health treatment information and records obtained in the course of Provider's treatment of Patient, including, but not limited to, Provider's diagnosis of Patient, to (name and functions of the person or entity to whom disclosure is made)

Dr. Jaina Kh-isa Golden Valley Health Center
2101 Tenaya Drive, Modesto
CA 95354

Phone: (209) 576-5766 Fax: (209) 576-6770

I understand that I have a right to receive a copy of this authorization. I understand that any cancellation or modification of this authorization must be in writing. I understand that I have the right to revoke this authorization at any time unless Provider has taken action in reliance upon it. And, I also understand that such revocation must be in writing and received by Provider at (insert provider's address) 7510 Shoreline Drive Suite A-6, Stockton, CA 95219 to be effective.

This disclosure of information and records authorized by Patient is required for the following purpose: Medical treatment and Neurological follow up and referral for further neurological investigation

The specific uses and limitations on the types of medical information to be disclosed are as follows: Neurological examination

Such disclosure shall be limited to the following specific types of information:

Provider shall not condition treatment upon Patient signing this authorization.

Patient has the right to refuse to sign this form.

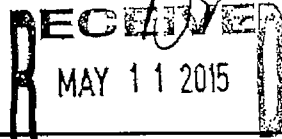
Patient understands that information used or disclosed pursuant to this authorization may be subject to re-disclosure by the recipient and may no longer be protected by the Federal Privacy Rule, although such information may be protected by applicable California law.

This authorization shall remain valid until: 90 days

Todd Giffen Date: 4/15/2015
Patient

Check appropriate box
Stanislaus County
Locations

- ☐ GVHC Ceres
2780 Third St.
Ceres, CA 95307
(209) 556-5011
- ☐ GVHC Turlock
1141 N. Olive
Turlock, CA 95380
(209) 867-2749
- ☐ GVHC West Turlock
1200 West Main St
Turlock, CA 95380
(209) 688-5388
- ☐ GVHC Modesto Womens
1500 Florida Ave.
Modesto, CA
95350 (209) 574-
1365
- ☐ GVHC Modesto Florida
1510 Florida Ave.
Modesto, CA
95350 (209) 574-
1377
- ☐ GVHC Robertson Road
1121 Hammond St.
Modesto, CA
95358 (209) 576-
4437
- ☐ GVHC Hanshaw
1717 Las Vegas St.
Modesto, CA
95351 (209) 576-
4200
- ☐ GVHC West Modesto
1114 6th Street
Modesto, CA
95354 (209) 576-
2845
- ☐ GVHC Corner of
Hope
1130 6th Street
Modesto, CA
95354 (209) 491-
5468
- ☐ GVHC Westley
301 Howard Road
Westley, CA 95387
(209) 894-3141
- ☒ GVHC Modesto Tenaya
2101 Tenaya Drive
Modesto, CA 95364
(209) 576-6786
- ☐ GVHC Riverbank
4150 Patterson Road
Riverbank, CA 95387
(209) 668-5388
- ☐ GVHC Patterson
200 "C" Street
Patterson, CA 95363
(209) 892-8441



**GOLDEN VALLEY
HEALTH CENTERS**

BY: AUTHORIZATION FOR USE AND DISCLOSURE OF
PROTECTED HEALTH INFORMATION

Patient's Name Giffen Todd M
Last First Middle Initial

Date of Birth 3/13/1985 SSN [REDACTED]

I hereby authorize the use and disclosure of protected health information
about the above patient as follows:

Name of person or agency authorized to release the requested protected
health information Ph 406-6817
Fax 209 477 2935
Dr. Purna C Datta, neuropsychologist

Name of person or agency authorized to receive the protected health
information: Dr. Zaina El-Isa, Golden Valley Health Center

Description of patient's protected health information to be disclosed:

All referral and collaboration on brain injury, tortious,
trauma, abuse, history, etc.

This release also specifically allows the release of the following
information (this information will not be released unless the appropriate
line is initialed):

- ☒ Any record of treatment received at Golden Valley Health
Center for Drug and/or Alcohol dependency or abuse;
- ☒ Any record of Mental Health treatment received at Golden
Valley Health Center;
- ☒ Any record of testing, care, treatment, reporting or research
pertaining to infection with HIV or related diseases received
at Golden Valley Health Center.

☐ Request for records to be provided electronically.

☒ Request for records to be provided in paper.

Patient's protected health information is being used for the following
purpose(s): collaboration, getting help with

brain injury, going to UC Davis, etc. FMRI,

etc.

901 (10/12)

P 2/2

GVHC-Tenaya 209-576-6770 >> 2094772935

2015-04-07 15:44

I understand that I have the following rights with respect to this Authorization:

1. The recipient of the protected health information is prohibited from re-disclosing the information unless the recipient obtains another authorization from me or unless the discloser is specifically required or permitted by law.
2. I may not be required to sign this Authorization as a condition to obtaining treatment or payment or determine my eligibility for benefits.
3. Golden Valley Health Centers will provide me with a copy of this Authorization.
4. I may revoke this Authorization at any time by mailing or personally delivering a signed, written notice of revocation to Golden Valley Health Centers. Such a revocation will be effective upon receipt, except to the extent that the recipient has taken action in reliance on this Authorization.
5. I am entitled to notice if Golden Valley Health Centers will use or disclose the protected health information for marketing and receive payment for the use or disclosure of my protected health information.

This Authorization will expire on: April 2016 90 days

Todd Giffen
Signature of Patient/Personal Representative

Relationship of Personal Representative to Patient

Todd Giffen
Printed Name

Address and Telephone number of Personal Representative

4/6/2015
Date

FOR OFFICE USE ONLY

Do you plan to transfer your medical care permanently to the new GVHC location, that currently has your medical record will no longer have access to it? YES NO Do you understand the location important to get your medical care at one GVHC location? YES NO Do you understand it is YES NO

(If the answer to all questions is yes, the medical record can be transferred)

I request for my original medical record at _____ to be transferred to _____. I am
(Current GVHC location) (New GVHC location)
permanently transferring my medical care to this new GVHC location. I understand it is important to call this new GVHC location for all future medical care.

Patient/Parent/Guardian Signature

Date 901 (10/12)

P 3/3

GVHC-Tenaya 209+576+6770 <> 2094772935

2015-04-07 15:44

Seth Farber, Ph.D.

New York City

212-560-7288

<http://www.sethfarber.com/>

To Whom It May Concern,

I am an author and psychologist--a family therapist, and eclectic individual psychotherapist with an appreciation for narrativist epistemologies. I am a public speaker on radio and TV. In the 1990s debates about the mental health system took place on radio. Thus I was on the Oprah show, Geraldo, and William Buckley Jr among others. Today, 2 years after my new book (The Spiritual Gift of Madness, Inner Traditions, 2012), I reach my audience through radio (e.g. Coast to Coast AM) and Internet magazines and social media.. In the late 1990s I went to Court over 35 times to testify as an expert witness on psychodiagnosis on behalf of clients who were embroiled in custody disputes, clients unfairly diagnosed as mentally ill whom I believed, on the basis of evaluation over several weeks, were capable of being responsible custodial parents. I am an editor of the academic review, The Journal of Mind and Behavior.

Todd Giffen consulted me 2 months ago. We had sessions at least twice a week. Mr Giffen shows no sign of "schizophrenia," or any thought disorder or affective psychosis. Despite the duress to which Todd has been subjected he manifests considerable ego strengths. Despite his unconventional beliefs he expresses himself clearly and has assimilated an enormous amount of information about government mind control. A psychological assessment should not be an inquisition. Clients should not be considered "psychotic" because they have "new age" or spiritual beliefs. They should not be deemed paranoid because they think they are subject to "mind control." For example, if one year ago a client said he felt all his email was being examined by the CIA, most psychologists would have considered him paranoid. But Edward Snowden showed we are all being watched by NSA. Thus psychologists' were wrong. They assumed because their clients had unusual beliefs they were "delusional." Psychologists must renounce epistemological hubris. We cannot assume a belief is delusional, even if it is wrong. There is a difference. I learned this from my mentor Dr Thomas Szasz. Szasz strongly objected to labeling a person mentally ill on the basis of the fact that his/her belief system was unconventional.

One of the indication that Todd is not mentally ill but mentally healthy is his remarkable resilience and flexibility. He was subjected to physical and sexual abuse both by his parents and by staff in Oregon State Hospital. These abuses by the staff occurred during a US Department of Justice investigation of violation of patients' civil rights that was initiated October 2006. Wrong-doing was extensively documented in local newspapers. For example, The Statesman Journal article dated 12/09/2007, ("Security slips at Oregon State Hospital still a problem") noted the presence of contraband smuggling rings involving staff. Some of the contraband included bolt cutters and hack saw blades which according to the article was part of an escape plot devised by patients with the help of staff to escape. One of the staff members implicated in this plot had a romantic relationship with one of the patients who had planned to escape. She was the woman whom Todd had alleged had sexually abused him the previous year.

Todd's life story is very elaborate and troubled--what happened at Oregon Hospital was the tip of the iceberg.. What is noticeable right away is that despite the extensive abuse he experienced and the lack of a strong support system amongst his family, Todd seems unusually mature. He grew up in spite of considerable stress and lack of unconditional love. He has done extensive research on his own, and he has enough knowledge on the subject to teach a college course on it. His extroverted orientation has enabled him to seek out and create his own support system. He is very honest, has a strong sense of right and wrong, and has no signs of sociopathy..

Diagnosis is not objective if the evaluator assumes his worldview is "the truth.": I have evaluated Todd Giffen for two months. My assessment is not based upon my agreement or disagreement with his political beliefs. Todd does not show symptoms of paranoia--he is outgoing, socially engaging and basically trusts people. He has many friends. I have been arguing for 25 years in my work that most psychologists are doctrinaire. They

assume their worldview reflects "reality." Assessment of personality traits and psychopathology must not be based upon conformity to the dominant paradigm because we have seen that the paradigm accepted by the profession and/or society changes as more information becomes available, and as fashions changes. For example, Ernest Hemingway's psychiatrists' said he was paranoid because he felt he was being spied upon. We know now thanks to FOIA request that he had been under surveillance. Hemingway's suicide was partly the responsibility of the "mental health" system.

I have had psychotic patients who did not trust the world, and whose communications were often incoherent. They often believed people were talking about them. In these cases I did not believe that they were subjected to surveillance and harassment--not to unusual degree. Because of Todd's emotional trustfulness I cannot rule out his contention that he is subjected to surveillance and control. Of course I have no way of knowing for certain. I only know he is extremely well read and makes a cogent argument that he is subjected to directed energy technology. He even manifested the symptoms caused by this kind of "brain hacking," e.g., tachycardia and severe sudden heart problem; this is confirmed by hospital records.

MK-Ultra was a CIA program in which American citizens were non-consensual subjects in experiments. Over 35,000 subjects were given LSD without their knowledge. The CIA admitted this to the Church Committee. I have read books by individuals who have been targeted today. Robert Duncan has revealed that the technology used to control individuals' minds is highly developed. Duncan has degrees from Harvard, MIT, Dartmouth, and Stanford and helped design cybernetic weaponry and mind control technology for the CIA.. He states he thought the technology would be used to improve mental health. After he discovered it was used to torture unwitting targets, he became a whistleblower. His book Project: Soul Catchers, Volume 2 reveals numerous cybernetic weapons that were used on innocent Americans who are guinea pigs in CIA experiments.

Todd believes that since the time he left Oregon State Hospital he has been subjected to harassment and surveillance by either police and /or government agencies. He is a member of Freedom from Covert Harassment and Surveillance, and has been enormously helpful to other members--both by providing psychological support to other members and by sharing his vast knowledge of mind control based on his own experiences and his extensive research.

Due to the facts described herein I cannot give Todd a definitive diagnosis. He is sad and depressed--but this could be a result directly or indirectly of being subjected to directed energy waves. He suffers from anxiety--again the source is indeterminate. I repeat that what can be said definitively, is he is not psychotic or delusional. While he may be wrong his belief that he has been subjected to brain hacking is a credible inference. The reading he has done on the topic tends to corroborate his story and demonstrates a capacity for self-direction and initiative.

He has spoken to numerous experts in this field including Dr Hildegard Staninger, an industrial toxicologist who has effectively determined whether individuals were targeted and by which satellites. She claims 90s% of her subjects were correct. I recommend that Todd be evaluated by Dr Staninger. If further information is needed please contact me.

Seth Farber, Ph.D.

When Spies and Crime-Fighters Squabble Over How They Spy On You, Slashdot.org June 26th, 2014. They keep their investigation tools secret and classified and never tell the victims they used 'em.

<http://yro.slashdot.org/story/14/07/27/0230225/when-spies-and-crime-fighters-squabble-over-how-they-spy-on-you>

The Washington Post reports in a short article on the sometimes strange, sometimes strained relationship between spy agencies like the NSA and CIA and law enforcement (as well as judges and prosecutors) when it comes to evidence gathered using technology or techniques that the spy agencies would rather not disclose at all, ever mind explain in detail. They may both be arms of the U.S. government, but the spy agencies and the law enforcers covet different outcomes. From the article:

<http://www.washingtonpost.com/blogs/the-switch/wp/2014/07/25/how-the-nsa-keeps-its-toys-from-law-enforcement/?hpid=z15>

[S]ometimes it's not just the tool that is classified, but the existence itself of the capability -- the idea that a certain type of communication can be wiretapped -- that is secret. One former senior federal prosecutor said he knew of at least two instances where surveillance tools that the FBI criminal investigators wanted to use "got formally classified in a big hurry" to forestall the risk that the technique would be revealed in a criminal trial. "People on the national security side got incredibly wound up about it," said the former official, who like others interviewed on the issue spoke on condition of anonymity because of the topic's sensitivity. "The bottom line is: Toys get taken away and put on a very, very high shelf. Only people in the intelligence community can use them." ... The DEA in particular was concerned that if it came up with a capability, the National Security Agency or CIA would rush to classify it, said a former Justice Department official.

11/05/2014

Seth Farber, Ph.D.

New York City

www.sethhfarber.com

212-560-7288

To the Court,

I am a psychologist, an eclectic psychotherapist and author.

I was consulted by Todd Giffen March 2014. We had a quite a few conversations on the phone and exchanges on the Internet. It is my professional opinion that he is not psychotic. He shows no signs of either a "thought disorder" or affective psychosis. Nor does he have a paranoid personality disorder. I realize he has been given some of these diagnoses. But that is because his belief system is unusual. It is because he alleges he is being persecuted. But he is far more coherent than a "schizophrenic." And his deep-state (pejoratively termed "conspiracy theory") interpretation of the American political system is not implausible and is shared by increasing number of citizens. For example Eric Lichtblau, a Pulitzer Prize winner, recently wrote a book that was highly critically acclaimed titled, *The Nazis Next Door: How America Became a Safe Haven for Hitler's Men*. Had the book not been so extensively documented its author might have been dismissed (and probably still is) as a "conspiracy theorist." A psychiatrist talking to him might consider him paranoid. But paranoia is characterized by a pervasive distrust of people, to quote the DSM-4 (the last edition of the psychiatric manual of "mental disorders."). Todd does not have a pervasive distrust of people. In fact I have found him to be quite open and unguarded. He has a number of friends, and belongs to several groups.. These diagnoses are used to stigmatize him for his unpopular political views.

I was not trying to come up with an accurate diagnosis of Mr Giffen, merely to see whether the more invidious ones with which he has been saddled were accurate. As stated they were not.

I have been influenced by a number of therapists and theorists who adopted a model of psychology informed by the modern and postmodern critiques of Freudianism and biopsychiatry, and by the systemic critique of the linear causal "medical model" of psychology which is based upon the root metaphor of mental illness. For example I trained with family therapists like Dr Salvador Minuchin and Jay Haley. They did not believe that problems of living could be understood outside of the social-familial context, they did not believe that a troubled individual was afflicted by a disease process of which his unhappiness and eccentricities were symptoms. Unless there is actual organic damage the medical model is epistemologically misleading and counter-therapeutic.. In actuality the individual is, among other things, a unit in a larger gestalt, such as a nuclear family. Thomas Szasz and R D Laing both critiqued the traditional treatment of psychosis. Laing for example believed schizophrenics were engaging in an unusual way of communicating. However, contrary to modern psychiatry, Laing showed this anomalous communication was intelligible when viewed within its social context. To label it defective or symptomatic of a disease and to obscure its nature as communication is a purely arbitrary judgment, no more objective or subject to epistemological falsification (see Karl Popper) than a movie review. Psychiatrist Thomas Szasz showed the construct of mental illness was based on a model of

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human behavior antithetical to our modern liberal Enlightenment respect for individual autonomy and freedom. I was honored that Thomas Szasz wrote the Foreword to my first book published in 1993.

One year ago (right after Snowden's revelations) I was contacted by "TIs"--targeted individuals. I was unaware before this of the extent of government invasion of our privacy, the abrogation of our privacy, integrity and, freedom by agencies of the government. The late French philosopher Michel Foucault described the geometric structure of the Panopticon as a metaphor for pervasive processes of surveillance and domination in modern society. For example, in a prison, guards in the Panopticon could see everything and everyone, but they remained invisible.

Today the Panopticon is so developed that the citizen has no barriers against intrusion into his brain, his mind, no protection against rape of the body and brain, no preservation of the conditions necessary for freedom, for our "inalienable rights." The citizen is completely transparent and the elite in the figurative Panopticon is completely invisible and determined to remain that way. That gives them the illusion of ultimate control. I say "illusion" because the ego can never achieve ultimate control. It is the old problematic of the master-slave dialectic, as Hegel described it. (See Kojève's description.) The "master" is controlled by the process itself--by the pursuit of an illusion. But nonetheless I believe this situation of pervasive surveillance can and must be understood by all citizens, the guilty parties must be punished for violating our rights as citizens. (There are guilty parties.) Thomas Szasz repeatedly affirmed the moral culpability of those who violate our constitutional rights. Otherwise I believe it will continue until the elite have destroyed society. I believe Mr Giffen shares my views on this situation, although he has not necessarily been influenced by the same philosophers. It is the philosophical basis upon which our country was based, as historian Gordon Wood points out. For this reason he can and is helping to educate other Americans unaware of covert surveillance.

As a psychologist I feel it would provide only a little consolation to help clients who are TIs to 'cope with "this problem"'--the physical pain and emotional anguish of being targeted. (See John Hall, *Satellite Terrorism in America*, 2009, and Gloria Naylor, 1996). It's true most TIs feel relieved to find a therapist who believes them. But they are still stuck with the problem. They are subjected to heightened level of surveillance and covert harassment. It is not only their living space that is invaded for purposes of surveillance. Their brains themselves are invaded and subjected to manipulations. Never before in "democratic" societies has there been this degree of interference with individual autonomy. This kind of Panopticonism is a profound social pathology, an atavistic regression that eats away at all the accomplishments of the Enlightenment, and is destroying the substance of democracy.. "Coping with" the individual symptoms of what is at bottom a profound social pathology leaves the fundamental problem untouched. That is not enough.

Thus, although it is not my area of expertise, I support TIs effort to expose the new Panopticon. I am working on this now with a number of persons. Besides Todd Giffen (www.obamasweapons.com) who has a lawsuit there is the work of www.freedomfchs.org. Kenneth Posner is a member of the latter who has tried assiduously to get publicity. We have worked together to find lawyers and journalists.

Sometimes I write letters for clients who are TIs stating they do not have a thought disorder. I would not say they were targeted if I thought they were delusional. I do not believe in the medical model but I do have clients who are "schizophrenics"--that is they have the traditional symptoms or behaviors associated with the schizophrenic construct. When I write a letter stating that Todd Giffen does not have a thought disorder my hope is that the recipient will find it more difficult to dismiss Todd's claims which

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I believe are true. One of my problems with the mental health system is that it pathologizes and stigmatizes persons who have beliefs about reality that deviate from the cultural consensus. During the Inquisition dissidents were labeled and persecuted as heretics or witches. I am not asking professionals to believe their clients, I am asking them not to label persons psychotic merely because they have unusual views. It is not my business as a therapist to police my clients' thoughts. People can be wrong and can still live creative productive lives.

When therapist pathologize unusual views they are attacking and undermining our democratic rights--they do it under the guise of providing medical/psychiatric help. I disagree--I think our founding fathers had a far wiser understanding of psychology than modern psychiatry or psychology.

The Therapeutic State is totalitarian, not democratic. (See *The Careless Society* by John McKnight.)

Hemingway's friends all thought he was "paranoid" because he thought he was being watched and followed. This drove Hemingway crazy. Years later his biographer discovered the FBI *had been* following him and tracking his every movement. It is common for professionals to deem people "paranoid schizophrenics" if they say the CIA is watching them. But we know now the CIA or NSA IS watching all of us--and were watching many more of us than we knew in Hemingway's day. Probably if Hemingway's friends believed him he would not have felt so alone--driven to seek psychiatric help. Psychiatrists tried to cure him by giving him electroshock but Hemingway said the ECT took away from him the writer's most precious gift--his memory. Shortly after the great man shot himself, a victim of the CIA and of psychiatrists. And of his friends who failed to understand that there are totalitarian forces within our midst--and they were not "Communists."

Laing observed that we call someone paranoid when she says someone is out to get her, and they are not. But there is no word to describe her if she thinks people are out to get her and they are. In other words there are certain beliefs mental health professionals refuse to consider might be correct--they proscribe us from thinking these thoughts. Anyone who thinks someone is out to get them is ipso facto pathological in Psychiatry's eyes. Laing called therapists "thought-police." In the age of the all-pervasive Panopticon there are only a few therapists who defend the right to think freely, to be liberated from mind-control--even if one is wrong. By taking away our right to be wrong therapists set themselves up as the ultimate authority on Truth--as if science itself was not a centuries long process of experimentation and error in quest of truth. As if the scientific and intellectual pioneers whom today we worship had not been viewed as crackpots or heretics in their own day, or even lunatics! We need the right to be wrong in order to experiment, in order to find our way to the truth. By labeling people "psychotic" because they have unusual ideas, the therapist betrays his vocation--to help the individual develop the inner strength to live up to the demands of a democratic society. *The therapist cannot in good faith carry on as if the American Revolution never took place.* If she does that than she is undermining the individual's right to pursue and find happiness. When Jefferson substituted the pursuit of happiness for "property" in The Declaration of Independence, he tacitly acknowledged that "the personal is political" (as the sixties' dissidents said) and that democracy is required for individual happiness. The role of the therapist today in a country that is increasingly totalitarian must be to expose and protest conditions that no longer guarantee life and liberty for all citizens and that make the pursuit of happiness and the preservation of individuality almost impossible. Szasz argued that most counselors today have become "social control" agents thus betraying their democratic heritage. In these circumstances "psycho-

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diagnosis" is a covertly political act, not a medical procedure. Like Szasz and Laing I call upon therapists to abjure the role of social control agents, of "thought-police."

Considering the revelations of Edward Snowden, and what TIs are saying, mental health professionals have a moral and professional obligation to give up their dogmatism (the enemy of intellectual experimentation) and stop policing thought.. Many people are subjected to covert surveillance (all Americans are to varying degrees) and harassment. The model of therapy that requires the therapist to tell people what to think is a modern version of the Inquisition. The patient has a right to her beliefs even if they are wrong, especially if they are wrong. Ultimately we cannot know. Hemingway's friends were certain he was paranoid.. I had a 75 year old client who claimed she was going to give birth to the Messiah. I thought she was wrong. But I saw the protective function these beliefs served for her. I refused to treat her as paranoid or schizophrenic, even though I believed she was mistaken. I refused to pathologize her merely because her beliefs were mistaken.

When TIs come to me, I usually believe them. Not always. Even in the best cases I can't be sure--we never can about most claims--but their beliefs are cogent. We must realize the degree to which we ARE being watched. This is a feature of our world today. Furthermore I have now read about MK-ULTRA and previous programs run by the CIA on non-consensual subjects. I used to think that America was controlled by a few corporations as Noam Chomsky has argued. But I underestimated the power of intelligence agencies and police, which supplement the power of corporations. I now am convinced that the CIA maintains social thought-control through intimidation and assassination. They have assassinated everyone from JFK to John Lennon. Yet to make such a statement makes me susceptible to being labeled "paranoid," a "conspiracy theorist." Therapists should refuse to participate in this process.

In my opinion our only hope for recovering the democratic immune system of our society, and defeating the totalitarian system with its invasive modes of control, is through public exposure of covert surveillance. Actually this kind of mind control does not work effectively on TIs. They are tormented but they are resistant to mind control--they are among the most socially critical citizens in America. The CIA can't make them believe totalitarianism is right. They reject the thoughts planted in their brains.

They are an example of robust "mental health." Despite the pain of being tortured they do not succumb to "Big Brother."

The CIA, NSA etc works to intimidate and scare the masses and to eliminate charismatic individuals who could act as instruments of change. Max Weber presciently argued that only the charismatic individual had the power to mobilize the masses to restore a vigorous civil society resistant to modern bureaucratic totalitarianism.. He was right and the CIA knows it. That is why charismatic or heroic individuals are removed, that is why exposure is prevented through persecution of Manning, Snowden, James Risen.

I want to see Robert Duncan, John Hall and others who are experts on this technology meet with defenders of civil liberties, including investigative journalists, like Glenn Greenwald, Chris Hedges, Sy Hersh, Amy Goodman, Center for Constitutional Rights, Henry Giroux, and psychologists and psychiatrists who refuse to be mind-police.. We must recreate a sane and democratic society in which individual autonomy is restored..

11/05/2014

I have already talked to people like Duncan, I have talked to Chris Hedges and a few therapists who oppose the use of therapy as a tool of repression. I want to help bring these disparate groups together in order to make more people aware of the covert invasion of the human brain, non-consensual experiments performed on unknowing subjects, the hallmark of a totalitarian society.

Thank you sincerely,

Seth Farber Ph.D.



Cynthia Vincent, Ph.D.

PSY 17076, MFT 30076

CLIENT NAME: Todd Giffen
DATE OF BIRTH: March 13, 1985
AGE: 29

DATE OF SERVICE(S):

Todd Giffen began outpatient psychological treatment on June 19, 2014. He initially was seen twice a week. Currently, he attends weekly sessions. Todd has difficulties getting to sessions due to the physical effects of recurrent trauma.

REFERRAL SOURCE AND REASON:

Todd self-referred for individual counseling to address symptoms of anxiety and depression related to trauma.

SPECIFIC PROBLEMS:

The main issues presented at initial evaluation were anxiety, depression, numbness and emotional detachment, feelings of hopelessness and helplessness, psychosomatic concerns, and physical symptoms related to previous injuries and trauma. Todd reports significant abuse in his past; originating in childhood, maltreatment while in Oregon State Hospital, physical assault from law enforcement, and being a "targeted individual". He reports being illegally and covertly harassed, abused, gang-stalked and spied upon by an organized group of persons. In addition, Todd is seeking assistance with coordinating medical care, being properly assessed for injuries, and legal assistance into addressing the reported government abuse, victimization, and traumatization in his life.

DIAGNOSIS: 309.21 Posttraumatic Stress Disorder, Chronic
300.02 Generalized Anxiety Disorder

TREATMENT GOALS:

- Explore and resolve issues relating to history of abuse and victimization
- Improve mood
- Develop strategies to reduce symptoms
- Reduce anxiety and improve coping skills
- Learn appropriate ways to express different feelings
- Improve personal hygiene and attentiveness to independent/age appropriate self-care
- Cope with stress of physical health issues and chronic pain

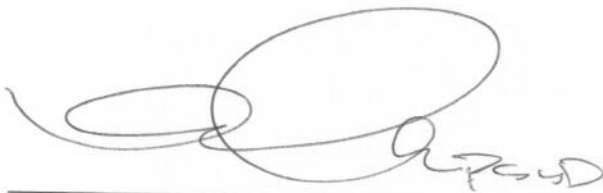
phone 209.529.7807

fax 209.529.7919

- Improve sleep
- Develop interests outside of the home
- Acclimate to living in a community
- Establish/maintain civil and supportive behavior
- Improve social skills
- Learn and use effective communication strategies
- Improve ability to see the world as others do and understand perceptions

Please feel free to contact me if you have any questions or concerns.

Sincerely,

A handwritten signature in black ink, appearing to read 'Misty Getrich', written over a horizontal line.

Misty Getrich, Psy.D.
Licensed Psychological Assistant
PSB 37800

10/08/2014

Cynthia Vincent, Ph.D.
Licensed Clinical Psychologist
PSY 17076

Session Information

Client:	Giffen, Todd (885246) 3/13/1985
Staff:	Unger, Ron (35)
Service Date/Time:	12/9/2013 4:00 PM - 4:59 PM
Client Program:	MH Adult Outpatient (ADULT)
Activity:	Assessment, Re-Open or Update Outside Assmt (AsmtUpdate)
Organization:	CFD North
Service Location:	11 - Office

Mental Health Assessment

Presenting problem(s):	<p>Life stressors and current symptoms</p> <p>Todd reports he would like to have a professional who knows his story and can help advocate for him, possibly help him with a legal case regarding some torture he experienced, what he believes was abuse at the Oregon state hospital. He has talked with an attorney in the Portland area, also with Jeff Johnson in town. He was in the state hospital in the past couple months, reports he has been traumatized, also would like help getting his life back together. Reports he believes people at US Dept. of Justice used some kind of a weapon against him. (Because Todd has believed he was quickly diagnosed psychotic in the past rather than listened to, and this harmed his relationship with mental health providers, no judgment will be made in this assessment regarding the truth or falsity of his reports about persecution by the government, instead that will be discussed in detail using a CBT approach, "looking at the evidence." Currently he is living at the mission, just got out of jail.</p> <p>He was 19 years old when he got arrested for harrassment and menacing, he ended up in Oregon State Hospital. Over the past ten years he thinks he has been there 4 times, once for about 4 years under PSRB. He reports problems at the hospital include being touched and hugged by a female staff person - Bonita Tucker, who then alleged he was a "stalker", also being assaulted by other people there, put in seclusion and restraint for no good reason. He thinks being misdiagnosed was one of the bad things that happened to him, and the drugs were not helpful.</p> <p>Reports he feels depressed, with little energy, trouble relaxing, and trouble concentrating, nearly every day, all of which makes it hard to get on with his life.</p>
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Biopsychosocial Information to Justify Diagnosis

Family relationships:	<p>Family make-up, quality of relationships, marriage(s), divorce(s), cultural identification</p> <p>Growing up he lived sometimes with his dad, at other times with his grandma, his aunt, his mom hed didn't know well, etc. His dad had lots of abusive girlfriends and so he would send the kids away. By age 12 he went to live with his dad's parents full time. Has 4 half siblings, 2 on each side, a brother and sister on each side, he is the oldest.</p> <p>The sister and brother on his mom's side, the ones on his dad's side he doesn't know, one sister is very successful in NC. Dad is in AZ, Mom lives in Baker City, doesn't communicate with either of them.</p> <p>He had been living with his grandpa and grandma, he got in some trouble with an assault 4 charge against him and he can't call his grandpa right now because of the legal trouble. He worries his grandpa is "in on it".</p>
Abuse/trauma:	<p>Include sexual, physical, verbal abuse, and domestic violence</p> <p>Reports abuse on and off, most often from his dad's girlfriends, like at 5 years old his dad's girlfriend would "throw him around the room." Later his dad was married to someone who favored her own children "she would put me into a diaper and lock me out of the house." Had some success in school up to 5th or 6th grade, then developed anxiety, got bullied, also pushed by teacher, by 7th grade he refused to go to school, then he did a "home school thing." Recalls some sexual abuse, for example by a 13 year old girl who got on top of him and who was pulling his clothes off, some other inappropriate stuff "it wasn't real bad." As a teen had tons of friends online, none in real life.</p>

**Possible relationship
between trauma and
current mental health
symptoms:**

He believes the childhood trauma set him up to get into more trouble later. We will explore the possibility that the childhood trauma caused him to be hypervigilant for trouble causing him to sometimes see problems as worse than they are.

Current medical issues:

Include current medications and prescriber
Reports traumatic brain injury, neuromuscular injury (maybe dystonia), he's going to a neurologist about this. Not taking any psychiatric medications currently.

Suicidal/Violent Ideation or Behaviors**Current danger to self:**

- | | | |
|--|---|---|
| <input type="checkbox"/> No current danger to self | <input type="checkbox"/> Has weapon | <input type="checkbox"/> Self mutilation or other self-harm behaviors |
| <input type="checkbox"/> Has plan | <input type="checkbox"/> Recent suicide attempt (s) | <input checked="" type="checkbox"/> Suicidal ideation |

Current danger to others:

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> No current danger to others | <input type="checkbox"/> Homicidal ideation | <input type="checkbox"/> Threat to harm others |
| <input type="checkbox"/> Has weapon | <input type="checkbox"/> Specific victim | |

Current situational dangers:

- | | | |
|---|--|---|
| <input type="checkbox"/> No current situational dangers | <input checked="" type="checkbox"/> Homelessness | <input type="checkbox"/> Recent threat of assault |
| <input type="checkbox"/> Domestic violence | | |

Comments/actions taken:

Living at the mission now. Has some thoughts about "I wish I could die" when he is really frustrated, no other suicidal thoughts, no plans.

Substance Use**Substance use
(including tobacco):**

- | | |
|--|---|
| <input checked="" type="radio"/> Individual denies current or past substance use | <input type="radio"/> Individual confirms current or past substance use |
|--|---|

Comments:

Include substance(s), number of days since last use, and frequency of use
Says he only had

Gambling**Has the individual ever
felt the need to bet
more and more money?**

- ☐ Yes
☒ No

**Has the individual ever
felt the need to lie about
their gambling?**

- ☐ Yes
☒ No

Comments:**Youth Only****Peer relationships:****School:****Developmental milestones:****Strengths:**

Mental Status Exam

CoRe Addendum Only: ☐ See AOD Assessment
for Mental Status Exam
if done in the last 3
months

Appearance:	<input checked="" type="checkbox"/> Unremarkable	<input type="checkbox"/> Clothing unclean	<input type="checkbox"/> Physically unclean
	<input type="checkbox"/> Bizarre	<input type="checkbox"/> Disheveled	<input type="checkbox"/> Sickly
	<input type="checkbox"/> Clothing inappropriate to weather	<input type="checkbox"/> Obese	
Motor:	<input checked="" type="checkbox"/> Unremarkable	<input type="checkbox"/> Restless	<input type="checkbox"/> Tics
	<input type="checkbox"/> Gestures	<input type="checkbox"/> Slowed	<input type="checkbox"/> Twitches
Attitude toward examiner:	<input checked="" type="checkbox"/> Cooperative	<input type="checkbox"/> Demanding	<input type="checkbox"/> Hostile
	<input type="checkbox"/> Contemptuous	<input type="checkbox"/> Evasive	<input type="checkbox"/> Seductive
	<input type="checkbox"/> Defensive	<input type="checkbox"/> Guarded	<input type="checkbox"/> Unclear
Mood:	<input type="checkbox"/> Unremarkable	<input type="checkbox"/> Depressed	<input type="checkbox"/> Irritable
	<input type="checkbox"/> Angry	<input type="checkbox"/> Dysphoric	<input type="checkbox"/> Labile
	<input checked="" type="checkbox"/> Anxious	<input type="checkbox"/> Euphoric	<input type="checkbox"/> Unclear
	<input type="checkbox"/> Apprehensive		
Affect:	<input checked="" type="checkbox"/> Normal range	<input type="checkbox"/> Flat	<input type="checkbox"/> Reduction in range
	<input type="checkbox"/> Expansive		
Appropriateness of mood/affect:	<input checked="" type="checkbox"/> Congruent with mood	<input type="checkbox"/> Incongruent with mood	<input type="checkbox"/> Unclear
Thought process:	<input checked="" type="checkbox"/> Unremarkable	<input type="checkbox"/> Loose association - ideas unrelated	<input type="checkbox"/> Tangential - loses thread of thought, never returns to original point
	<input type="checkbox"/> Blocking - can't remember what was being said	<input type="checkbox"/> Perseveration - Persistent repetition of words	<input type="checkbox"/> Unclear
	<input type="checkbox"/> Circumstantial - talks about irrelevant issues, but eventually gets back to the point	<input type="checkbox"/> Racing thoughts	
Content of thought:	<input type="checkbox"/> Normal	<input type="checkbox"/> Obsessions and compulsions	<input type="checkbox"/> Suicidal ideation
	<input type="checkbox"/> Delusions	<input type="checkbox"/> Paranoia	<input checked="" type="checkbox"/> Unclear
	<input type="checkbox"/> Homicidal ideation	<input type="checkbox"/> Phobias	
Alertness:	<input checked="" type="checkbox"/> Alert	<input type="checkbox"/> Lethargic	<input type="checkbox"/> Stupor
	<input type="checkbox"/> Fugue state	<input type="checkbox"/> Not oriented	<input type="checkbox"/> Unclear
Orientation:	<input checked="" type="checkbox"/> Orientation to time, place, and person	<input type="checkbox"/> Not oriented to time	<input type="checkbox"/> Unclear
	<input type="checkbox"/> Not oriented to place		
Memory:	<input type="checkbox"/> No impairments	<input type="checkbox"/> Remote memory impaired	<input type="checkbox"/> Unclear
	<input checked="" type="checkbox"/> Recent memory impaired		
Concentration/attention:	<input type="checkbox"/> Unimpaired	<input checked="" type="checkbox"/> Impaired	<input type="checkbox"/> Unclear
Abstract thinking:	<input checked="" type="checkbox"/> Appropriate	<input type="checkbox"/> Overly abstract	<input type="checkbox"/> Unclear
	<input type="checkbox"/> Concrete		
Cognitive functioning:	<input checked="" type="checkbox"/> Average	<input type="checkbox"/> Below average	<input type="checkbox"/> Unclear
	<input checked="" type="checkbox"/> Above average		
Speech:	<input checked="" type="checkbox"/> Unremarkable	<input type="checkbox"/> Lacks spontaneity	<input type="checkbox"/> Monotonous
	<input type="checkbox"/> Incoherent	<input type="checkbox"/> Loud	<input type="checkbox"/> Mumbled

Perceptual disturbances:	<input type="checkbox"/> Mute	<input type="checkbox"/> Rapid	<input type="checkbox"/> Soft spoken
	<input type="checkbox"/> Pressured	<input type="checkbox"/> Slow	<input type="checkbox"/> Whispered
	<input type="checkbox"/> Rambling	<input type="checkbox"/> Slurred	
	<input checked="" type="checkbox"/> None apparent	<input type="checkbox"/> Tactile hallucinations	<input type="checkbox"/> Visual hallucinations
	<input type="checkbox"/> Auditory hallucinations		
Judgement:	<input type="checkbox"/> Good	<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Unclear
	<input type="checkbox"/> Fair		
Reliability:	<input type="checkbox"/> Reliable	<input type="checkbox"/> Unreliable	<input checked="" type="checkbox"/> Unclear

Client DSM Diagnosis as of 12/9/2013

Client:	Giffen, Todd (885246) 3/13/1985
Date Diagnosed:	12/9/2013
Diagnosis By:	Unger, Ron (35)
External Diagnosis?	No
Description:	

Diagnostic Formulation**Axis I: Clinical Disorders**

DSM Code - Description	ICD-9 Code - Short Description	Pri/Sec	Comments
309.81 - Posttraumatic Stress Disorder	309.81 - POSTTRAUMATIC STRESS DIS	1	Chronic;

Axis II: Personality Disorders and Mental Retardation

DSM Code - Description	ICD-9 Code - Short Description	Pri/Sec	Comments
V71.09 - No Diagnosis on Axis II	V71.09 - OBSERV-MENTAL COND NEC		

Axis III: General Medical Conditions

Description	Pri/Sec
Reports he has had a brain injury & "muscular injury" due to torture by the government.	2

Axis IV: Psychosocial and Environmental Problems

Description	Severity	Comments
Problems related to the social environment	Severe	Reports no friends in town, though he gets some support from MindFreedom

Axis V: Global Assessment of Functioning Scale

Current GAF Score

41

Signatures

Signature #1: | Ron Unger (LCSW) - 12/11/2013 11:37 AM

Signature History

Action	Date	Staff
Document Signed	12/11/2013	Ron Unger (LCSW)

UCSF Medical Center

UCSF Benioff Children's Hospital

**UCSF Emergency
Department**
505 Parnassus
Avenue , Box 0210
SAN FRANCISCO
CA 94143-2204
Phone: 415-353-
1238

Todd M Giffen
MRN: 58592226

Department: UCSF Emergency Department
Date of Visit: 9/19/2015

Preliminary Results Message

We have examined and treated you today on an emergency basis only. This is not a substitute for comprehensive medical care. You should perform the follow up care recommended below to complete this treatment. If you had tests such as x-rays or cultures, results obtained in the ED are preliminary, will be reviewed by other specialists after your visit, and final results may change. You should contact your primary physician to obtain the final interpretation of the results, especially x-ray results.

Diagnoses this visit

Your diagnosis was TRAUMATIC ENCEPHALOPATHY .

You were seen by Dara Mendelsohn, MD.

Insurance Coverage for Referrals

We cannot guarantee insurance coverage for any referral or recommendation for services, tests, or procedures. Check with your insurance carrier to verify coverage.

Follow-up Information

Follow up with UCSF Emergency Department. (If you have thoughts of hurting yourself or someone else.)

Specialty: Emergency Medicine

Contact information:

505 Parnassus Avenue , Box 0210
San Francisco CA 94143-2204
415-353-1238

Call Back Program

You may receive an automated follow up phone call about your Emergency Department visit. Based on your responses you may also receive a call from a nurse from the Emergency Department.

Discharge Instructions

You will be called in the next week or so with an appointment with a neuropsychologist. Please return to the ED if you have any thoughts of hurting yourself or someone else or you feel like the voices in your head make you feel unable to care for yourself.

Allergies

Seroquel [Quetiapine]
Neuroleptic malignant syndrome

Current Discharge Medication List

Medication list as of: 9/20/2015 3:37 AM
There are no discharge medications for this patient.

We Performed the Following

Bill UA Macro Battery [LAB3817 Custom]
Complete Blood Count with 5-part Differential [LAB293 Custom]
Comprehensive Metabolic Panel (BMP, AST, ALT, T.Bili, AlkP, TProt, Alb) [LAB5389 Custom]
Creatine kinase, total [LAB62 Custom]
ECG 12 lead [EKG4 Custom]
ED Discharge Authorization [3040000100 Custom]
Troponin I [LAB747 Custom]
Urinalysis with Microscopy [LAB348 Custom]
Urine Toxicology [LAB676 Custom]

Unresulted Tests Ordered in ED- (If there are laboratory studies listed below, follow up with your regular doctor for results. If you do not have a regular doctor, call the Emergency Department Discharge Nurse at 415-353-1550 for results.)

Hide

Start	Status	Ordering Provider
09/20/15 0115	In process	MENDELSON, DARA

Instructions on MyChart Enrollment

UCSF MyChart is UCSF Medical Center's patient portal. If you receive outpatient care at UCSF, you can send messages to your provider, view your clinical lab results, request medication refills, request appointments and more. If you have had an inpatient or emergency department admission, you can view your discharge instructions.

Lab results from an Emergency Department visit are NOT available on MyChart. If you have questions about lab results from your Emergency Department Visit, please contact your regular doctor. If you do not have a regular doctor and you have questions, contact the Emergency Department Discharge Nurse at (415) 353-1550.

How Do You Sign Up?

1. Go to www.ucsfmychart.org and click "Sign Up Now" in the "First time user?" box.

2. Enter your UCSF MyChart Activation Code exactly as it appears below then enter the last four digits of your social security number and date of birth. Follow instructions to create your username and password then click sign in to start using your UCSF MyChart account.

8-22-2013

Cathy Meadows, M. A., Clinical Psychology
Consultant/Advocate for Victims of Whistle-blower Retaliation
and of Retaliatory Harassment and Surveillance
707-720-7137

RE: Todd Giffen
Springfield, Oregon

Covert harassment and surveillance usually happen for reasons that include: Whistle-blower retaliation, setting up and controlling victims in order to steal personal or intellectual property, jealousy and competition, retaliation because of domestic break-ups, revenge, because of differing political/religious beliefs, bigotry, being a witness to a crime or to some event that the perpetrator would like to cover up, and for several other similar reasons. The methods of harassment are intense, unusual, and severe, and the reason for the harassment is to neutralize the victims by driving them into an unbalanced emotional state, or by making it appear that they are mentally ill.

The majority of victims experience civil rights abuses that include: Group-stalking (also known as gang-stalking, stalking by proxy, and 2nd-hand stalking), hacking/tampering of computers and phones, illegal entry into the homes and vehicles and businesses of the victims, theft, vandalism of personal property, 24/7 surveillance in and outside of the residence, noise harassment, character assassinations, biological/chemical attacks, remote weapons' attacks, gas-lighting (moving personal belongings around, or taking things and then putting them later, or in a different place), street theater (unusual public behaviors by stalkers including lots of overt rudeness, overt pointing/laughing at the victim, unusual hand signals, mocking behaviors, etc.), and staged accidents.

I spoke with Todd Giffen for 5 hours on August 18, 2013 to assess his claims of being targeted with covert harassment and surveillance, of being a targeted individual, and about his status as a whistle-blower. We spoke for an extended period of time on that day to expedite this document. Todd is 28 years old and is currently living independently. He admits to having had a difficult childhood. He was raised by his parents in his early childhood and describes them as "not very good parents." During his late childhood and on Todd was raised by his grandparents. He is currently unemployed due to the questionable amount of time that he was incarcerated in Oregon State Hospital (5 years).

While he hasn't yet gone on to any type of higher education, Todd scored on the 99th percentile in science, and on the 88th percentile over-all, on his GED tests. He is very, very intelligent and, therefore, had successfully learned to deal with any and all abuses he endured as a child. He learned to manipulate his environment then and he has carried this skill over into his adult life.

I find Todd Giffen to be out-going, open and direct. He answered all questions that I put to him without reservation. He does not appear to have any weird delusions beyond what is expected of victims who have experienced covert harassment and surveillance. There were never any reports during his formative years that he was paranoid or had delusions of any kind and, likewise, none that that he was psychotic. Most psychotic episodes begin in the teen-age years so this is an important point of interest.

When Todd Giffen was 18-19 years old he was experiencing depression that caused him to act out. He had a disagreement with his grandparents and brandished a knife, which he says was a mock suicidal

attempt and a cry for help. His grandparents called the police who arrested him on the charges of "Menacing Harassment." The police put Todd in jail where he awaited sentencing and upon sentencing it was decided that he would be put into a group home. Todd had never learned how to deal successfully with others due to the poor interactive parenting he got as a child. He became depressed and after several attempts at living in different group homes he was placed in, The Oregon State Hospital, for what was suppose to be a minimal amount of time. Todd ended up being in the State Hospital for 5 years.

Todd had many problems with the staff at the State Hospital that began when, according to his story, he was sexually harassed by one of the female staff members who Todd said was "touching him inappropriately." Todd reported the staffer in question to a psychologist at the hospital, which set him up for whistle-blower retaliation, and that's when the harassment began. Todd reports that when he first arrived at the hospital he was diagnosed with depression, but that after he made his verbal report to the psychologist he was diagnosed as psychotic (bi-polar/psychotic disorder not otherwise specified) and his release from the hospital was refused.

At this time Todd Giffen wrote a letters to the Office of Investigation and to the Oregon Advocacy Center, and to several other parties, to complain about what was happening to him at the hospital. Of course, this intensified his status as a whistle-blower. At this time, the State Police showed up and accused Todd of sexually harassing the staffer in question. Todd then called the Office of Investigation and Training and reported the problem to them and they put out a warrant for her investigation and reported back to Todd that she had a history of getting too close to the patients.

At this point, Todd Giffen was transferred to a different section of the hospital where they began to administer anti-psychotic medication to him. The medication made him very ill, however, and they had to pull him off the meds. They administered other meds to him and after an extended time period, they pulled him off of those meds as well, due to bad reactions. Todd went through withdrawals from the meds and ended up having involuntary movements and tics. After doing the research, Todd believes that the medications have caused chronic damage to his nervous system.

Todd became more and more depressed because he wasn't being released in the timely manner that he was promised. Because of Todd's depression, the psychologist whom Todd Giffen was working with put Todd on a "one-to-one" watch for an entire week-end because of the depression he was experiencing. This means that a hospital staffer had to follow Todd around constantly 24/7, regardless of where he went or what he did for the duration. This agitated Todd, as might be expected, but was probably a safety precaution taken by the psychologist.

Things got progressively worse and at one point a disagreement ensued between staffers. One staffer said that Todd could order a pizza but after the pizza arrived another staffer said that Todd couldn't have the pizza. Todd became agitated and ended up telling the staffer in question that he at least wanted his money back. At this point, this particular staffer started beating on Todd "for no reason." Todd was bleeding from his mouth and nose and they put him in restraints for 12 hours. A nurse who attended him afterwards said he suffered blunt trauma from the attacks. Shortly at that, however, another doctor was called in and reported that the bleeding Todd had experienced was caused by a "sinus infection."

The staff continued to harass Todd and would openly call him a "sexual predator" because of his accusation against the female staffer who he accused of sexual harassment. However, the staff began to let up on Todd after the female staffer in question resigned in 2007 amidst an investigation into her behavior regarding: Delivering controlled substances to the inmates, supplying contraband, and helping another patient to escape (2nd degree escape).

In time, the hospital psychologist called in an outside doctor who did an evaluation on Todd and advised the hospital staff that Todd didn't have any type of psychosis. The doctor diagnosed Todd with A. D. H. D. and with depression and told the hospital doctors that they couldn't medicate Todd any more and said that what the hospital was doing was "medical malpractice."

At this point, the hospital doctor sent Todd to maximum security "out of revenge" for 2 months, where he was physically assaulted by another inmate, whom Todd believes was intimately involved with the female staffer that sexually harassed Todd early on. According to Todd, the staff allowed the attack and did nothing to stop it. Todd was physically attacked again before he left maximum security, both physically and verbally, and was taken to medium security.

As soon as Todd arrived at medium security the harassment began again and a staff member there called him a "borderline bitch" on the assumption that Todd had been diagnosed with Borderline Personality Disorder. Once again, Todd complained about the treatment he was receiving in medium security and, as expected, the staff in medium security didn't like him.

Todd Giffen entered a new phase of whistle-blower retaliation, at this point. The staff went through all of his confidential paperwork and correspondence that he'd been having with his attorney and took it away from him. They eventually gave it back to him after he put up a verbal protest. The staff continued the harassment and started to "call him a masturbator, a faggot, a pedophile, and a rapist (it's very common for whistle-blowers' sexuality to be attacked in this manner). Once again, Todd was sent to maximum security "for no reason" and the defamation and character assassinations against him with respect to his sexuality continued along the same lines, and they called him "anti-social," "child pornographer," and "pedophile." The hospital confiscated Todd's computer in order to find evidence of sexual misconduct and found nothing.

Todd was boomeranged back and forth a few more times between medium and maximum security and soon found himself to be under covert, 24/7 surveillance. The staff knew about everything that Todd was doing on a minute-to-minute basis, including things that they shouldn't know, and they would taunt him with this knowledge, and flaunt it in his face by working it into conversations that they were having with each other. This is another common tactic that is used against whistle-blowers in order to try to discredit them and hang an unfounded diagnoses on them that's associated with paranoid delusions.

He tried to get help and wrote a letter to his attorney but the same inmate that beat him up before stole the letter and never gave it back. He contacted Human Services who told him it was going to be investigated and that he would get help but it never panned out. Todd told me that, at this point, the staff forced medication on him illegally, without a doctor's approval. He was told by staffers that "no one cares about your rights and no one is going to help you." A staffer then slammed him onto his bed and injected him. He threatened to report it all and they put him in restraints and forced meds on him.

The Office of Investigation and Training took pictures and the illegal drugging stopped for awhile. A worker for the Disability Rights of Oregon couldn't help him and told him that, even though he was continuing to be abused, that he shouldn't do anymore tort claims and grievances.

In 2008, Todd Giffen reports that, at this time in his incarceration, he began to experience an attack by at least one remote weapon, which is also a common complaint amongst whistle-blowers. He said that his heart rate sped up, according to doctor's reports. Also, at this point, he began to hear voices that he says sound computer generated and not like human voices. This is known as "voice to skull" technology amongst victims of covert harassment and surveillance.

Sidebar

"Voice to Skull" is a military term for a weapons technology that many claim is being used on certain individuals, worldwide, and is in an experimental phase. There are claims that it is being experimented with on whistle-blowers, prisoners, and minorities in the civilian population, amongst others. If you do research on the psychological status of the prison population, you will find that there is a much, much higher percentage of prisoners who develop "psychosis" while in prison now then there was 10 years ago.

There is no doubt that this technology exists and scientists who developed the technology are quick to say that it's being used on the general population (Robert Duncan). It has become one of the leading "conspiracy theories" of our time and has been featured on the hit T. V. show "Conspiracy Theory" with Jessie Ventura. The name of the episode that it's featured on is entitled, Brain Invaders.

Todd was released from the Oregon State Hospital in 2010. He continues to suffer the effects of the traumatic harassment and abuse that he experienced while he was there and he continues to feel the effects of the remote weapon's attacks. He went into the hospital with a diagnoses of "depression" and he came out with a diagnoses of "psychotic." Furthermore, he wasn't hearing voices when he entered the hospital however he was hearing voices when he left and continues to do so.

In conclusion, I found Todd Giffen to be a very out-going, unguarded, intelligent and friendly young man. He doesn't appear to have any type of psychosis. He told his story sequentially and chronologically and he was non-tangential and was easily understood. He doesn't appear to have a lot of anxiety at this point in his recovery. Further, I believe that Todd Giffen is being honest with regards to the abuses that he suffered while at the Oregon State Hospital. I believe him when he confides that he continues to suffer with abuses because of his previous attempts to find justice. He was labeled as a "trouble-maker" (most whistle-blowers are) and punished for it, however, he has helped to change the system for the better and has instigated investigations into allegations of these types of abuses.

I believe that Todd's allegations should be taken seriously and that he should get any and all help that can be given to him in order to protect his civil and human rights.

Thank you for your interest in this matter and if you have any questions or concerns please feel free to call me at any time.

Cathy Meadows

Session Information

Client:	Giffen, Todd (885246) 3/13/1985
Staff:	Haun, Cheryl (15)
Document Date:	8/22/2013
Client Program:	(Not Set)

Service Plan - MH Entry

Primary Clinician:	Haun, Cheryl (15)
Plan Type:	Review
Initial or Review:	<input type="radio"/> Initial <input checked="" type="radio"/> Review
Begin Date:	08/22/2013
End Date:	11/14/2013

Problem

Type:	ISSP
Problem Narrative:	Trauma
Sub-Problem:	N/A
Refer to External Services?	
External Referral Comments:	

Goal(s) for Trauma

Goal Narrative:	Decrease his depression, isolation and physical pain.
Status:	Ongoing
Completed Date:	

Measurable Outcome(s) for Decrease his depression, isolation and physical pain.

Start Date:	08/22/2013
Measurable Outcome Narrative:	Increase self esteem from 6 SUDS (10 being the highest) to 9 SUDS.
Frequency:	Weekly
Status:	Ongoing
Provider:	Haun, Cheryl (15)
Target Date:	

Action Step Seek to get "whole body vibration" treatment.

Start Date	Activities	Frequency	Status	Provider	Target Date
8/22/2013					

Action Step Socialize face to face with a friend 2 x mo.

Start Date	Activities	Frequency	Status	Provider	Target Date
8/22/2013					

Goal(s) for Trauma

Goal Narrative:	Reduce the negative impact that the traumatic event has had on many aspects of life.
------------------------	--

Status: |
Completed Date: |

Measurable Outcome(s) for Reduce the negative impact that the traumatic event has had on many aspects of life.

Start Date: |
Measurable Outcome Narrative: Decrease intrusive, distressing thoughts or images that recall the traumatic event from much of the day daily to 3 times per week.
Frequency: |
Status: |
Provider: |
Target Date: |

Action Step Find a professional to perform an independent diagnosis and assessment for meds or not etc.

Start Date	Activities	Frequency	Status	Provider	Target Date
8/22/2013	Individual Session (Indiv)	Weekly	Ongoing	Haun, Cheryl (15)	(Not Set)
	Family therapy WITH client (F w-ct)	As Needed	Ongoing	Haun, Cheryl (15)	(Not Set)

Action Step Learn about the symptomology and impact of PTSD from his childhood trauma as well as his more recent exposure to abuse.

Start Date	Activities	Frequency	Status	Provider	Target Date
8/22/2013					

Action Step Participate in EMDR sessions.

Start Date	Activities	Frequency	Status	Provider	Target Date
8/22/2013					

Action Step Prove in court that he has been injured in order to get medical treatment, which includes assessments by professionals.

Start Date	Activities	Frequency	Status	Provider	Target Date
8/22/2013					

Action Step Seek nuero feedback treatment sesssions to assess any brain injury

Start Date	Activities	Frequency	Status	Provider	Target Date
8/22/2013					

Action Step Implement relapse prevention strategies for managing possible future trauma-related symptoms.

Start Date	Activities	Frequency	Status	Provider	Target Date
(Not Set)	Individual Session (Indiv)	Weekly			(Not Set)

Participants / Activities Continued

The projected schedule for services and supports delivery outlined above is an estimate and may be adjusted as clinically appropriate. Crisis, Case Management and Consultation services will be included in service delivery, and some services will be provided by telephone, as needed. The Begin and End Dates of the Individual Services and Supports Plan (ISSP) represent the duration of all activities/services listed. If mental health services are provided beyond one year, an assessment update will be completed and the ISSP will be reviewed by a Licensed Medical Practitioner.

The following
individuals were
involved in creating this
ISSP:

Todd Giffin and Cheryl Haun

Signatures

Signature #1: | Cheryl Haun (MA) - 8/22/2013 5:37 PM

Signature History

Action	Date	Staff
Document Signed	8/22/2013	Cheryl Haun (MA)

Session Information

Client:	Giffen, Todd (885246) 3/13/1985
Staff:	Haun, Cheryl (15)
Service Date/Time:	8/15/2013 5:00 PM - 6:15 PM
Client Program:	MH Adult Outpatient (ADULT)
Activity:	Individual Session (Indiv)
Organization:	CFD North
Service Location:	11 - Office

Goal(s) Addressed**Service Plan - MH**

Problem	Trauma
<input checked="" type="checkbox"/> Goal	Reduce the negative impact that the traumatic event has had on many aspects of life.
<input checked="" type="checkbox"/> Objective	Decrease intrusive, distressing thoughts or images that recall the traumatic event from much of the day daily to 3 times per week.

Goal(s) Addressed: | 1

Notes**Progress made toward goals:****Identify those present, interventions, and significant events/changes in individual's life:**

1) No change

(Mental status, recovery status, and response to specific services and supports)
Individual present for the first session. Todd divulged some details about his neglectful upbringing and how it inadvertently led to misdemeanor charges wherein his attorney mishandled his defense. This event grew out of bounds and he was sent to the Salem hospital for the mentally ill. He elaborated on the various instances of abuse and being a target for the organization due to his knowledge and complaint of his own and other abuses with in the organization by staff members. His goal, he states is to get the physical and mental health he needs in order to repair the damages done. This therapist practiced active listening.

Signatures

Signature #1: | Cheryl Haun (MA) - 8/16/2013 8:30 AM

Signature History

Action	Date	Staff
Document Signed	8/16/2013	Cheryl Haun (MA)

Session Information

Client:	Giffen, Todd (885246) 3/13/1985
Staff:	Haun, Cheryl (15)
Service Date/Time:	8/22/2013 5:00 PM - 6:20 PM
Client Program:	MH Adult Outpatient (ADULT)
Activity:	Individual Session (Indiv)
Organization:	CFD North
Service Location:	11 - Office

Goal(s) Addressed**Service Plan - MH**

Problem	Trauma
<input checked="" type="checkbox"/> Goal	Decrease his depression, isolation and physical pain.
<input checked="" type="checkbox"/> Objective	Increase self esteem from 6 SUDS (10 being the highest) to 9 SUDS.
<input checked="" type="checkbox"/> Goal	Reduce the negative impact that the traumatic event has had on many aspects of life.
<input checked="" type="checkbox"/> Objective	Decrease intrusive, distressing thoughts or images that recall the traumatic event from much of the day daily to 3 times per week.

Goal(s) Addressed: 1-2

NotesProgress made toward
goals:

- 1) No change
- 2) This goal added today

Identify those present,
interventions, and
significant events/
changes in individual's
life:

(Mental status, recovery status, and response to specific services and supports)
Individual present. Discd referrals. Added a service goal. Todd shared a report he received from Cathy Meadows, a clinical psychologist who specializes in advocating/consulting for victims of whistle-blower retaliation, harrassment or surveillance. He then continued with his story about his time in the state hospital. We will continue next session. This therapist will speak with Tracey Wise re nuero feedback for Todd.

Signatures

Signature #1: Cheryl Haun (MA) - 8/22/2013 6:31 PM

Signature History

Action	Date	Staff
Document Signed	8/22/2013	Cheryl Haun (MA)

Session Information

Client:	Giffen, Todd (885246) 3/13/1985
Staff:	Haun, Cheryl (15)
Service Date/Time:	8/29/2013 2:15 PM - 3:00 PM
Client Program:	MH Adult Outpatient (ADULT)
Activity:	Individual Session (Indiv)
Organization:	CFD North
Service Location:	11 - Office

Goal(s) Addressed**No Goal(s) addressed were chosen**

Goal(s) Addressed: 1-2

Notes

Progress made toward goals: 1) Contacted his friend
2) Is starting the petition for the supreme court and he has approval for nuero feedback with Tracy Wise at CFD.

Identify those present, interventions, and significant events/changes in individual's life: (Mental status, recovery status, and response to specific services and supports)
Individual present. Affirmed his progress on goals. He continued with his "story" from 2008 to 2010. It is his belief that he is still being targeted, the purpose being to intimidate him. This therapist agreed to check with CFD prescribers to see if they would do an independent evaluation of his mental status. He reiterates that he wants to establish credibility so that he can get the healing treatments he needs. Before leaving he showed this therapist papers verifying the government patents on the equipment he spoke about with the microwave electromagnetic capability etc. He states he is putting it on his website.

Signatures

Signature #1: Cheryl Haun (MA) - 8/29/2013 5:12 PM

Signature History

Action	Date	Staff
Document Signed	8/29/2013	Cheryl Haun (MA)

Session Information

Client:	Giffen, Todd (885246) 3/13/1985
Staff:	Wise, Tracy (44)
Service Date/Time:	9/3/2013 3:02 PM - 3:56 PM
Client Program:	MH Adult Outpatient (ADULT)
Activity:	Individual Session (Indiv)
Organization:	CFD North
Service Location:	11 - Office

Goal(s) Addressed**Service Plan - MH**

Problem	Trauma
<input type="checkbox"/> Goal	Decrease his depression, isolation and physical pain.
<input type="checkbox"/> Objective	Increase self esteem from 6 SUDS (10 being the highest) to 9 SUDS.
<input checked="" type="checkbox"/> Goal	Reduce the negative impact that the traumatic event has had on many aspects of life.
<input checked="" type="checkbox"/> Objective	Decrease intrusive, distressing thoughts or images that recall the traumatic event from much of the day daily to 3 times per week.

Goal(s) Addressed: as noted above

Notes

Progress made toward goals:	Todfd reports that he is "excited" to try biofeedback in helping him improve some cognitive functions.
Identify those present, interventions, and significant events/changes in individual's life:	(Mental status, recovery status, and response to specific services and supports) This writer met in private session with Todd at the CFD office. He presented as "excited," stating that he had read about biofeedback and thought that it may be helpful for him. This writer engaged Todd in psychoeducation around brain injuries, PTSD, neurological functioning, and how the biofeedback works, answering his questions, and getting "Consent to Treat" forms signed.

Signatures

Signature #1: Tracy Wise (LPC, MA) - 9/12/2013 4:37 PM

Signature History

Action	Date	Staff
Document Signed	9/12/2013	Tracy Wise (LPC, MA)

Session Information

Client:	Giffen, Todd (885246) 3/13/1985
Staff:	Wise, Tracy (44)
Service Date/Time:	9/10/2013 3:07 PM - 3:55 PM
Client Program:	MH Adult Outpatient (ADULT)
Activity:	Individual Session (Indiv)
Organization:	CFD North
Service Location:	11 - Office

Goal(s) Addressed**Service Plan - MH**

Problem	Trauma
<input type="checkbox"/> Goal	Decrease his depression, isolation and physical pain.
<input type="checkbox"/> Objective	Increase self esteem from 6 SUDS (10 being the highest) to 9 SUDS.
<input checked="" type="checkbox"/> Goal	Reduce the negative impact that the traumatic event has had on many aspects of life.
<input checked="" type="checkbox"/> Objective	Decrease intrusive, distressing thoughts or images that recall the traumatic event from much of the day daily to 3 times per week.

Goal(s) Addressed: Reduce negative impacts of traumatic events on current functioning

Notes**Progress made toward goals:****Identify those present, interventions, and significant events/changes in individual's life:**

Todd reports that he appreciates getting his EEG measured, as it is "more factual information" for his case.

(Mental status, recovery status, and response to specific services and supports)
This writer met in private session with Todd at the CFD office. He presented as "doing OK today," stating that he was not in too much pain today, and looking forward to having his EEG measured. This writer engaged Todd in a discussion around the meaning for him of his EEG being measured, and wanting to prove that he was abused at the OR state mental hospital. This writer explained the purpose of the EEG for counseling purposes was as an assessment tool to engage in and direct the progress of Biofeedback training for him. He stated that he understood, and the remainder of the session was spent doing biofeedback training to enhance cognitive functioning.

Signatures

Signature #1: Tracy Wise (LPC, MA) - 9/15/2013 5:48 PM

Signature History

Action	Date	Staff
Document Signed	9/15/2013	Tracy Wise (LPC, MA)

Session Information

Client:	Giffen, Todd (885246) 3/13/1985
Staff:	Haun, Cheryl (15)
Service Date/Time:	9/12/2013 3:02 PM - 4:00 PM
Client Program:	MH Adult Outpatient (ADULT)
Activity:	Individual Session (Indiv)
Organization:	CFD North
Service Location:	11 - Office

Goal(s) Addressed**Service Plan - MH**

Problem	Trauma
<input checked="" type="checkbox"/> Goal	Decrease his depression, isolation and physical pain.
<input checked="" type="checkbox"/> Objective	Increase self esteem from 6 SUDS (10 being the highest) to 9 SUDS.
<input checked="" type="checkbox"/> Goal	Reduce the negative impact that the traumatic event has had on many aspects of life.
<input checked="" type="checkbox"/> Objective	Decrease intrusive, distressing thoughts or images that recall the traumatic event from much of the day daily to 3 times per week.

Goal(s) Addressed: 1-2

Notes**Progress made toward goals:**

- 1) Same--has completed a couple of his action steps
- 2) Same

Identify those present, interventions, and significant events/changes in individual's life:

(Mental status, recovery status, and response to specific services and supports)
Individual present. He states he will be seeing a neurologist next month in Portland. This therapist sourced the "whole body vibration" he was looking for. Socially, he plans to visit with family this week. He skyped a new friend. Today Todd disclosed his history growing up, which consisted of multiple moves and being unwanted and moved around to family member's homes and not being supported financially by his parents. He shared about numerous occasions of physical abuse in each of the homes and the family's attempts to cover it up. He feels as if they tried to hide him away. The lack of financial support seemed to cause family members to resent raising him. He reports that he did well in school until the sixth grade when his father gave him to his aunt and uncle. This is also when he stopped taking his ADHD meds and his anxiety began to increase, until around age 12-13 while living with his grandparents, he was too anxious to go to school. Evidently this irritated his grandparents who seemed to give up on him and withdraw what little support they were giving him. He shares that he mostly stayed in his room with his computer. He states during his life he was constantly refused medical care or clothing etc. The culminating event was when he was 18-19 when he allegedly held a knife and made a threatening remark to his grandmother and pushed her chair. This is when his contact with the legal system and the state hospital began. Now he states that he just wants the medical help to heal his body and his mind. Practiced active and reflective listening.

Signatures

Signature #1: Cheryl Haun (MA) - 9/12/2013 5:13 PM

Signature History

Action	Date	Staff
Document Signed	9/12/2013	Cheryl Haun (MA)

Session Information

Client:	Giffen, Todd (885246) 3/13/1985
Staff:	Wise, Tracy (44)
Service Date/Time:	9/17/2013 3:03 PM - 3:57 PM
Client Program:	MH Adult Outpatient (ADULT)
Activity:	Individual Session (Indiv)
Organization:	CFD North
Service Location:	11 - Office

Goal(s) Addressed**Service Plan - MH**

	Problem	Trauma
<input type="checkbox"/>	Goal	Decrease his depression, isolation and physical pain.
<input type="checkbox"/>	Objective	Increase self esteem from 6 SUDS (10 being the highest) to 9 SUDS.
<input checked="" type="checkbox"/>	Goal	Reduce the negative impact that the traumatic event has had on many aspects of life.
<input type="checkbox"/>	Objective	Decrease intrusive, distressing thoughts or images that recall the traumatic event from much of the day daily to 3 times per week.

Goal(s) Addressed: Reduce negative impacts of trauma**Notes****Progress made toward goals:**

Todd reports that he is feeling better about his ability to "get his life back together."

Identify those present, interventions, and significant events/changes in individual's life:

(Mental status, recovery status, and response to specific services and supports)

This writer met in private session with Todd at the CFD office. He presented as "anxious," stating that he was looking forward to seeing his EEG Map and what this information would tell him. This writer engaged Todd in some psychoeducation around the neurofeedback EEG reading that this writer was doing with Todd, explaining that it could not be used to diagnose or to "prove some specific past traumatic injury." This writer completed the EEG mapping and went over the findings with him in session, and agreed to provide him with a copy. He related that he was not sure if he wanted to continue with the biofeedback training at this time, and would let this writer know later.

Signatures**Signature #1:** Tracy Wise (LPC, MA) - 9/19/2013 8:49 AM**Signature History**

Action	Date	Staff
Document Signed	9/19/2013	Tracy Wise (LPC, MA)

Session Information

Client:	Giffen, Todd (885246) 3/13/1985
Staff:	Haun, Cheryl (15)
Service Date/Time:	9/19/2013 3:06 PM - 4:00 PM
Client Program:	MH Adult Outpatient (ADULT)
Activity:	Individual Session (Indiv)
Organization:	CFD North
Service Location:	11 - Office

Goal(s) Addressed**Service Plan - MH**

Problem	Trauma
<input checked="" type="checkbox"/> Goal	Decrease his depression, isolation and physical pain.
<input checked="" type="checkbox"/> Objective	Increase self esteem from 6 SUDS (10 being the highest) to 9 SUDS.
<input checked="" type="checkbox"/> Goal	Reduce the negative impact that the traumatic event has had on many aspects of life.
<input checked="" type="checkbox"/> Objective	Decrease intrusive, distressing thoughts or images that recall the traumatic event from much of the day daily to 3 times per week.

Goal(s) Addressed: 1-2

Notes

Progress made toward goals:

- 1) Self esteem went down-did more research on whole body vibration treatment, he visited with his family
- 2) He had a second neuro feedback session.

Identify those present, interventions, and significant events/changes in individual's life:

(Mental status, recovery status, and response to specific services and supports)
Individual present. He saw a new pcp last week and states that she was going to refer him to a nuerologist but later sent him a letter dismissing him from her practice. Discd the findings from nuero feedback session showing brain damage. Completed ROI for Dr. Strgar and discd what other requests for information might be helpful for this therapist, including White Bird, the State hospital and PeaceHealth. He shared a bit of his story after 2010 and the altercation with the Springfield police at his grandfather's home.

Signatures

Signature #1: Cheryl Haun (MA) - 9/19/2013 4:01 PM

Signature History

Action	Date	Staff
Document Signed	9/19/2013	Cheryl Haun (MA)

Tiferet Chiropractic Neurology - Stefan M. Herold, DC, DACNB

Board Certified Chiropractic Neurologist

1221 SE Madison St., Portland OR, 97214 - office: 503-445-7767

February 13, 2014

Overall Impression:

Todd Giffen presented to my office with a history of symptoms consistent with CTE (chronic traumatic encephalopathy), a pathophysiological condition of immune-excitotoxicity resulting from repetitive insults to the brain causing priming of microglia cells that then over-react to future insults, be they physical or chemical traumas. This hyper-activation of the innate brain immune cells can remain elevated for months or even years after a trauma occurs, continuing to cause damage long after the initial injury. CTE causes diffuse injury to neuronal networks, with greatest vulnerability in the frontal lobes, hippocampus, basal ganglia and limbic areas, causing a wide variety of both physical and neuropsychological symptoms.

He reported during his history to me about a diagnosis of neuroleptic malignant syndrome, new onset of dystonia and drug induced dyskinesias as well as another episode of severe dysautonomia brought on by the medical treatments in the hospital, which his medical records from OSH should verify. Such chemically induced neurologic injury would be more than enough to explain a state of primed microglial cells leading to ongoing immunoexcitotoxicity.

To help determine the best course of treatment to help Mr. Giffen, I am recommending he undergo some testing to determine if he is still in an active phase of excitotoxicity. If so, therapy must be targeted at reversing the immunoexcitotoxicity so that functional neurological rehabilitation can be possible.

Recommendations for further testing for Todd M. Giffen through his primary doctor

Blood work for elevations in serum cytokines:

IL-1, known to cause increased sensitivity of the NMDA receptors

IL-6, cytokine with high density of receptors in brain regions associated with CTE

TNF-alpha, associated with calcium dysregulation, increases sensitivity of AMPA receptors, activates TNFR1 receptor when elevated promoting neurodegeneration

INF-gamma, increases glutaminase enzyme, promotes destruction in presence of glutamate excitotoxicity by raising quinolinic acid levels

Urine and plasma tests for markers associated with excitotoxicity:

Quinolinic acid [QUIN], commonly included in organic acid profiles like Metametrics

Lipid Peroxidation, usually assessed with TBARS tests, also available from metametrics

Imaging and other tests to document physical or functional changes:

High resolution MRI using DTI (diffuse tensor imaging) to assess for patchy white matter lesions which are common with CTE

VNG: Video Nystagmography to record eye movement dysfunctions, (Dr. Zielinski)



Electronically signed by Stefan M. Herold, DC, DACNB



www.unityhealthcare.org

425 2nd St., NW Washington, DC 20001 Phone: (202) 508-0500 Fax: (202) 508-0525
CCNV Health Center

"We Treat You Well"

I have consulted with and/or examined the patient named below and certify that he/she:

☒ was seen at this clinic on 8/4/2016

☐ is sick and should remain at home until _____ (inclusive).

☐ may return to work/school with the following restrictions until _____

☐ Light duty only

☐ No physical education

☐ Lifting limited to _____ pounds

☐ No recess

☐ Other _____

☐ is able to begin or return to work/school without restriction.

☐ tested PPD Negative on _____

☐ tested PPD Positive on _____

CXR Negative for TB on _____

Start(s)(ed) treatment on _____

Remarks:

X Good Afternoon.

Mr. Giffen was seen in our office today and has evidence of a serious cognitive disorder which can interfere with thinking, memory and perception.

Thank you for your consideration.

Provider Signature

/Anne C. Cardile, MD

Patient Name: **Todd Giffen** DOB: **03/13/1985**

Site: CCNV Health Center, 425 2nd St., NW Washington, DC 20001



www.unityhealthcare.org

425 2nd St., NW Washington, DC 20001 Phone: (202) 508-0500 Fax: (202) 508-0525
CCNV Health Center

"We Treat You Well"

Date: 4/19/2016

c/o

Todd Giffen, DOB: 03/13/1985,
65 MASSACHUSETTS AVE NW
WASHINGTON DC 20001-1431

To whom it may concern, the above patient, is currently being treated for chronic traumatic encephalopathy. Pt is currently awaiting a neurology consult. Pt may need to stay on the unit at times, for his intermittent symptoms as a result of his hx of a traumatic brain injury.

Thank you,

Donice Leak, APRN, FNP-BC
Unity Health Care
CCNV

Chronic traumatic encephalopathy

Chronic traumatic encephalopathy (CTE), a form of **tauopathy**, is a progressive **degenerative disease** found in people who have had a severe blow or repeated blows to the head. The disease was previously called **dementia pugilistica** (DP), *i.e.* “punch-drunk”, as it was initially found in those with a history of **boxing**. CTE has been most commonly found in professional athletes participating in **American football**, **rugby**, **ice hockey**, **boxing**, **professional wrestling**, **stunt performing**, **bull riding**, **rodeo**, and other **contact sports** who have experienced repeated **concussions** or other brain trauma. Its presence in **domestic violence** is also being investigated. It can affect high school athletes, especially American football players, following few years of activity.^[1]

1 Signs and symptoms

Symptoms of CTE generally begin 8–10 years after experiencing repetitive mild traumatic brain injury.^[2] First stage symptoms include deterioration in attention as well as disorientation, dizziness, and headaches. Further disabilities appear with progressive deterioration; including memory loss, social instability, erratic behavior, and poor judgment. Third and fourth stages include progressive **dementia**, slowing of muscular movements, **hypomimia**, impeded speech, tremors, vertigo, deafness, and **suicidality**. Additional symptoms include **dysarthria**, **dysphagia**, and ocular abnormalities - such as **ptosis**.^[3]

Currently, CTE can only be definitively diagnosed by direct tissue examination, including full autopsies and immunohistochemical brain analyses.^[4]

The neuropathological appearance of CTE is distinguished from other tauopathies, such as **Alzheimer’s disease**. The four clinical stages of observable CTE disability have been correlated with tau pathology in brain tissue, ranging in severity from focal perivascular epicentres of neurofibrillary tangles in the frontal neocortex to severe tauopathy affecting widespread brain regions.^[5]

2 Pathology

The primary physical manifestations of CTE include a reduction in brain weight, associated with atrophy of the frontal and temporal cortices and **medial temporal lobe**. The lateral ventricles and the third ventricle are often enlarged, with rare instances of dilation of the fourth

ventricle.^[6] Other physical manifestations of CTE include anterior cavum septi pellucidi and posterior fenestrations, pallor of the **substantia nigra** and locus ceruleus, and atrophy of the olfactory bulbs, thalamus, mammillary bodies, brainstem and cerebellum.^[7] As CTE progresses, there may be marked atrophy of the hippocampus, **entorhinal cortex**, and **amygdala**.^[2]

On a microscopic scale the pathology includes neuronal loss, **tau deposition**, **TAR DNA-binding Protein 43 (TDP 43)**^[5] **beta-amyloid deposition**, **white matter** changes, and other abnormalities. The tau deposition occurs as dense **neurofibrillary tangles** (NFT), **neurites**, and glial tangles, which are made up of **astrocytes** and other glial cells^[6] Beta-amyloid deposition is a relatively uncommon feature of CTE.

A small group of individuals with CTE have chronic traumatic encephalomyopathy (CTEM), characterized by motor neuron disease symptoms and mimics **Amyotrophic Lateral Sclerosis (ALS)**. Progressive muscle weakness and balance and gait problems seem to be early signs of CTEM.^[6]

Exosome vesicles created by the brain are potential biomarkers of TBI, including chronic traumatic encephalopathy.^[8]

3 Diagnosis

The lack of **in-vivo** techniques to show distinct **biomarkers** for CTE is the reason CTE cannot currently be diagnosed during lifetime. The only known diagnosis for CTE occurs by studying the brain tissue after death. Concussions are non-structural injuries and do not result in brain bleeding, which is why most concussions cannot be seen on routine neuroimaging tests such as CT or MRI.^[9] Acute concussion symptoms (those that occur shortly after an injury) should not be confused with CTE. Differentiating between prolonged post-concussion syndrome (PCS, where symptoms begin shortly after a concussion and last for weeks, months, and sometimes even years) and CTE symptoms can be difficult. Research studies are currently examining whether neuroimaging can detect subtle changes in **axonal integrity** and structural lesions that can occur in CTE.^[2] Recently, more progress in **in-vivo** diagnostic techniques for CTE has been made, using **DTI**, **fMRI**, **MRI**, and **MRS** imaging; however, more research needs to be done before any such techniques can be validated.^[6]

PET tracers that bind specifically to **tau protein** are desired to aid diagnosis of CTE in living individuals. One candidate is the tracer [¹⁸F]FDDNP, which is retained in the brain in individuals with a number of dementing disorders such as **Alzheimer's disease**, **Down syndrome**, **progressive supranuclear palsy**, **familial frontotemporal dementia**, and **Creutzfeld–Jakob disease**.^[10] In a small study of 5 retired NFL players with cognitive and mood symptoms, the PET scans revealed accumulation of the tracer in their brains.^[11] However, [¹⁸F]FDDNP, binds not only to tau but to **beta-amyloid** and other proteins as well. Moreover, the sites in the brain where the tracer was retained were not consistent with the known neuropathology of CTE.^[12] A more promising candidate is the tracer [¹⁸F]-T807, which binds only to tau. It is being tested in several clinical trials.^[12]

A putative biomarker for CTE is the presence in serum of autoantibodies against the brain. The autoantibodies were detected in football players who experienced a large number of head hits but no concussions, suggesting that even sub-concussive episodes may be damaging to the brain. The autoantibodies may enter the brain by means of a disrupted blood-brain barrier, and attack neuronal cells which are normally protected from an immune onslaught.^[13] Given the large numbers of neurons present in the brain, and considering the poor penetration of antibodies across a normal blood-brain barrier, there is an extended period of time between the initial events (head hits) and the development of any signs or symptoms. Nevertheless, autoimmune changes in blood of players may consist the earliest measurable event predicting CTE.^[14]

Robert A. Stern, one of the scientists at the **Boston University CTE Center**,^[15] said in 2015 that “he expected a test to be developed within a decade that will be able to diagnose C.T.E. in living people”.^[16]

4 Prevention

Investigators have demonstrated that immobilizing the head during a blast exposure prevented the learning and memory deficits associated with CTE that occurred when the head was not immobilized. This research represents the first case series of postmortem brains from U.S. military personnel who were exposed to a blast and/or a concussive injury.^[17]

5 Epidemiology

Professional level athletes are the largest demographic to suffer from CTE due to frequent concussions from play in contact-sport.^[18] These contact-sports include **American football**, **ice hockey**, **rugby**,^[19] **boxing**, **soccer** (by “heading” especially),^[19] and **wrestling**.^[20] Other individuals

that have been diagnosed with CTE were involved in military service, had a previous history of chronic seizures, victims of domestic abuse, and or were involved in activities resulting in repetitive head collisions.^[21]

6 History

CTE was first recognized as affecting individuals who took considerable blows to the head, but was believed to be confined to boxers and not other athletes.^[22] In the early 2000s neuropathologist Dr. **Bennet Omalu** worked on the case of football player **Mike Webster**, who had died following unusual and unexplained behaviour. In 2005 Omalu, along with colleagues in the Department of Pathology at the **University of Pittsburgh**, published his findings in the journal *Neurosurgery* in a paper which he titled “Chronic Traumatic Encephalopathy in a National Football League Player.” This was followed by a paper on a second case in 2006 describing similar pathology.

In 2008, the Sports Legacy Institute joined with the **Boston University School of Medicine (BUSM)** to form the Center for the Study of Traumatic Encephalopathy (CSTE).^[23] **Brain Injury Research Institute (BIRI)** also studies the impact of concussions.^{[24][25]}

6.1 American football

Main article: **Concussions in American football**

See also: **List of NFL players with chronic traumatic encephalopathy**

Dr. **Bennet Omalu**, a forensic pathologist and neuropathologist in Pittsburgh, Pennsylvania, found CTE in the brains of **Mike Webster**, **Terry Long**, **Andre Waters**, **Justin Strzelczyk**, and **Tom McHale**.^[25] Omalu, in 2012 a medical examiner, then associate adjunct professor in California, was a co-founder of the **Brain Injury Research Institute**^[25] and reportedly in 2012 participated in the autopsy of **Junior Seau**.^[24] Omalu's participation was halted during the autopsy after Junior Seau's son revoked previously provided oral permission after he received telephone calls from NFL management denouncing Omalu's professional ethics, qualifications, and motivation.^[26]

Between 2008 and 2010, the bodies of twelve former professional **American football** players underwent post-mortem evaluations for CTE, and all of them showed evidence of the disease.^[27]

On December 1, 2012, **Kansas City Chiefs** linebacker **Jovan Belcher** killed his girlfriend and drove to **Arrowhead Stadium** and killed himself in front of then GM **Scott Pioli** and then head coach **Romeo Crennel**. A year later, a family lawyer filed a wrongful death lawsuit, on behalf of Belcher's minor daughter, against the Chiefs

alleging the team deliberately ignored warning signs of CTE, possibly leading to his suicide. The lawyer also hired a medical examiner to examine Belcher's brain for signs of CTE. On September 29, 2014, it was confirmed that he suffered from CTE.^[28]

As of September 2015, 87 of 91 former **National Football League (NFL)** players have tested positive post-mortem with CTE.^[29] Former **Detroit Lions** lineman and eight-time Pro Bowler **Lou Creekmur**,^[30] former **Houston Oilers** and **Miami Dolphins** linebacker **John Grimsley**,^[31] former **Tampa Bay Buccaneers** guard **Tom McHale**,^[32] former **Cincinnati Bengals** wide receiver **Chris Henry**,^[33] and former **Chicago Bears** safety **Dave Duerson**,^[34] have all been diagnosed post-mortem with CTE. Other football players diagnosed with CTE include former **Buffalo Bills** star running back **Cookie Gilchrist**^[35] and **Wally Hilgenberg**,^[36] among others.

An autopsy conducted in 2010 on the brain of **Owen Thomas**, a 21-year-old junior lineman at the **University of Pennsylvania** who committed suicide, showed early stages of CTE, making him the second youngest person to be diagnosed with the condition. Thomas was the second amateur football player diagnosed with CTE, after **Mike Borich**, who died at 42.^[37] The doctors who performed the autopsy indicated that they found no causal connection between the nascent CTE and Thomas's suicide. There were no records of Thomas missing any playing time due to concussion, but as a player who played hard and "loved to hit people," Thomas may have played through concussions and received thousands of subconcussive impacts on the brain.^[38]

In October 2010, 17-year-old **Nathan Stiles** died hours after his high school homecoming football game, where he took a hit that would be the final straw in a series of subconcussive and concussive blows to the head for the highschooler. The CSTE diagnosed him with CTE, making him the youngest reported CTE case to date.^[39]

In July, 2011, Colt tight end **John Mackey** died after several years of deepening symptoms of **frontotemporal dementia**. **BUSM** was reported to be planning to examine his brain for signs of CTE.^[40] The CSTE found CTE in his brain post-mortem.^[41]

In 2012, retired NFL player **Junior Seau** committed suicide with a gunshot wound to the chest.^[42] There was speculation that he suffered brain damage due to CTE.^{[24][43][44][45][46]} Seau's family donated his brain tissue to the **National Institute of Neurological Disorders and Stroke**.^[47] On January 10, 2013, the brain pathology report was revealed and Seau did have evidence of CTE.^[48]

On July 27, 2012, an autopsy report concluded that the former **Atlanta Falcons** safety **Ray Easterling**, who committed suicide in April 2012, had CTE.^{[49][50]}

The NFL has taken measures to help prevent CTE. As of July 2011, the NFL has changed its return-to-play rules.

The number of contact practices has been reduced, based on the recent collective bargaining agreement.^[51]

In 2012, some four thousand former NFL players "joined civil lawsuits against the League, seeking damages over the League's failure to protect players from concussions, according to **Judy Battista** of the [New York] *Times*".^[52]

On August 30, 2013, the NFL reached a \$765 million settlement with the former NFL players over the head injuries.^[53] The settlement created a \$675 million compensation fund from which former NFL players can collect depending on the extent of their conditions. Severe conditions such as **Lou Gehrig's disease** and postmortem diagnosed chronic traumatic encephalopathy would be entitled to payouts as high as \$5 million.^[53] From the remainder of the settlement, \$75 million will be used for medical exams, and \$10 million will be used for research and education.^[53] However, in January, 2014, U.S. District Judge **Anita B. Brody** refused to accept the agreed settlement because "the money wouldn't adequately compensate the nearly 20,000 men not named in the suit".^[54] In the settlement Brody did accept, she argued that people "cannot be compensated for C.T.E. in life because no diagnostic or clinical profile of C.T.E. exists, and the symptoms of the disease, if any, are unknown".^[16]

On April 22, 2015 a final settlement was reached between players and the NFL in the case adjudicated by Judge Brody. Terms include payments to be made by the NFL for \$75 million for "baseline medical exams" for retired players, \$10 million for research and education, as well as an uncapped amount for retirees "who can demonstrate that they suffer from one of several brain conditions covered by the agreement", with total payments expected to exceed \$1 billion over 65 years.^[55]

In September 2015, researchers with the Department of Veterans Affairs and Boston University announced that they had identified CTE in 96 percent of NFL players that they had examined and in 79 percent of all football players.^[56]

On January 26, 2016, an autopsy report released by the family of former **New York Giants** safety **Tyler Sash** confirmed that Sash was suffering from CTE at the time of his death at age 27 in September 2015.^[57]

On February 4, 2016, an autopsy report from Massachusetts confirmed discovered high Stage 3 chronic traumatic encephalopathy (CTE) in **Ken Stabler's** brain after his death.^[58]

On March 14, 2016, the top NFL official, **Jeff Miller**, publicly admitted that there is a link between football and CTE at the roundtable discussion on concussions.^[59]

6.1.1 Early retirements

In the 2015 off-season, a number of NFL players retired early with concussion- and other health-risk as expressed or possible motive. The youngest, in March, **Chris Bor-**

land, 24, would have been entering his second year in the league after a third-round draft out of **University of Wisconsin** and a “stellar” rookie season with the **San Francisco 49ers**.^[60] Explaining his decision to **ESPN**, Borland said “I just honestly want to do what’s best for my health. ... From what I’ve researched and what I’ve experienced, I don’t think it’s worth the risk.”^[61]

Patrick Willis, a seven-time All-Pro linebacker also with the 49ers, [had previously] announced that he was retiring rather than risk further injury. However Willis’ decision to retire has nothing to do with CTE, but rather as he explained: “You’ve seen me break my hand on Sunday, have surgery on Monday and play on Thursday with a cast on,” Willis said. “But there’s something about these feet. And those are what made me who I am. They had you all saying, ‘Wow, where’d he come from?’ ‘I know I no longer have it in these feet to go out there and give you guys that kind of ‘Wow.’”^[62] Cornerback **Cortland Finnegan** of the **St. Louis Rams**, quarterback **Jake Locker** of the **Tennessee Titans** and linebacker **Jason Worilds** of the **Pittsburgh Steelers** have all retired this off-season as well. ... Worilds, who was paid \$9.75 million by the Steelers in 2014, was expected to sign a big contract with another team as a free agent. [Borland] won Rookie of the Week honors twice and was Defensive Rookie of the Month in November [in 2014]. He earned the league-minimum \$420,000 and a bonus of \$154,000, according to Overthecap.com.^[60]

ESPN noted that four of the retirees—Borland, Willis, Locker and Worilds—were under 30 years of age and that Borland had replaced Willis during the season due to a Willis toe injury and had been expected to replace him in the coming year. It also recounted Borland’s course of decision from a possible concussion he “played through” in training camp as he was trying to make the team to the post-season decision. He said in making his decision he’d “read about **Mike Webster** and **Dave Duerson** and **Ray Easterling**”—two of them suicides, all, per **ESPN**, “diagnosed with the devastating brain disease Chronic traumatic encephalopathy, or CTE, after their deaths”—and he had talked to “prominent concussion researchers and former players” after the season.^[61]

In the 2016 off-season, **A.J. Tarpley**,^[63] **Husain Abdullah**,^[64] and **Eugene Monroe**^[65] all announced early retirements from the NFL, each citing concern over sustaining further head trauma as the main factor in their decision.

6.2 Cricket

Batsmen and women can be injured by being hit from a bouncer. The effects could range from a broken eye (**Mitchell McClenaghan**), to concussion and post-concussion symptoms (**Ed Cowan**),^[66] and even death (**Phillip Hughes**). Bowlers and fielders are also at risk of being hit from the batsmen’s hits.

6.3 Ice hockey

Athletes from other sports have also been identified as having CTE, such as hockey player **Bob Probert**.^[67] Neuropathologists at **Boston University** diagnosed **Reg Fleming** as the first hockey player known to have the disease. This discovery was announced in December 2009, six months after Fleming’s death.^[68]

Rick Martin, best known for being part of the **Buffalo Sabres’ French Connection**, was diagnosed with CTE after his brain was posthumously analyzed.^[69] Martin was the first documented case of an ice hockey player not known as an enforcer to have developed CTE; Martin was believed to have developed the disease primarily as a result of a severe concussion he suffered in 1977 while not wearing a helmet. The disease was low-grade and asymptomatic in his case, not affecting his cognitive functions. He died of a heart attack in March 2011 at the age of 59.^[70]

Also within a few months in 2011, the deaths of three hockey “enforcers”—**Derek Boogaard** from a combination of too many painkillers and alcohol, **Rick Rypien**, an apparent suicide, and **Wade Belak**, who, like Rypien, had reportedly suffered from depression; and all with a record of fighting, blows to the head and concussions—led to more concerns about CTE. Boogaard’s brain was examined by **BUSM**, which in October 2011 determined the presence of CTE.^[71] One **National Hockey League** player known in part for leading “the thump parade”, former **Boston Bruin** and current **Florida Panthers** right winger **Shawn Thornton** mulled over the “tragic coincidence” of the three recent league deaths and agreed that their deaths were due to the same cause, yet still defended the role of fighting on the rink.^[72]

In 2016, **Stephen Peat**, now 36 and formerly an enforcer for the **Washington Capitals** during his professional career, was reported to be suffering severe symptoms of CTE. His father Walter was reported to worry that his son would join the “dead before turning 50 ... since 2010” list of enforcers including Boogaard, Rypien, Belak, **Steve Montador** and **Todd Ewen**.^[73]

6.4 Professional wrestling

In 2007, neuropathologists from the Sports Legacy Institute (an organization co-founded by **Christopher Nowinski**, himself a former professional wrestler) examined the brain of **Chris Benoit**, a professional wrestler with the **WWE**, who had apparently killed his wife and son before committing suicide. The suicide and double murder were originally attributed to anabolic steroid abuse, but a brain biopsy confirmed pathognomonic CTE tissue changes: large aggregations of tau protein as manifested by neurofibrillary tangles and neuropil threads, which cause neurodegeneration.^{[74][75]}

In 2009, **Bennet Omalu** discovered CTE in recently re-

tired wrestler **Andrew “Test” Martin**, who died at age 33 from an accidental medicine overdose.^[76]

In 2014, **Corey Graves** announced his in-ring retirement and move into commentating roles due to concussion issues.

On 9 February 2016, **Daniel Bryan** was forced to retire early due to suffering from signs of CTE and post-concussion seizures.^[77]

6.5 Mixed martial arts

It is believed that former MMA Fighters **Gary Goodridge** and **James Leahy** suffer from CTE, as a result of repeated head trauma from their fighting careers. Delayed onset is becoming increasingly common as with Leahy, whose symptoms developed many years post any sporting activity.^[78]

6.6 Association football

In 2012, **Patrick Grange** a semi-professional footballer, was diagnosed in an autopsy with Stage 2 CTE with motor neuron disease. “The fact that Patrick Grange was a prolific header is important,” **Christopher Nowinski**, co-founder of the Sports Legacy Institute, said in an e-mail. “We need a larger discussion around at what age we introduce headers, and how we set limits to exposure once it is introduced.”^[79] Grange played football at high school; college at Illinois-Chicago and New Mexico; in the **Premier Development League**; for **Albuquerque Asylum** and **Chicago Fire Premier**. He died of **ALS** at age 29 in 2012 with a posthumous diagnosis of CTE.^[80]

In 2014, Brazilian footballer **Bellini** was posthumously diagnosed with CTE. Bellini, along with **Pelé**, led Brazil to **FIFA World Cup** victories in 1958 and 1962.^[81]

West Bromwich Albion forward **Jeff Astle** died in January 2002 following 5 years of deteriorating mental health. Originally diagnosed as Alzheimer’s, Astle’s condition was later rediagnosed as CTE. In 2014 following 12 years of campaigning from his family and fans at his former club West Bromwich Albion, **Jeff Astle** officially became the first British footballer listed to have died as a result of heading a football. The campaign was known as the ‘Justice for Jeff’ campaign, it’s awareness raised by West Bromwich Albion supporters minutes of applause on the 9th minute of every match (his squad number). Astle was particularly noted for his powerful heading off the ball, it is believed that this, combined with the weight of the old fashioned leather footballs contributed to his CTE.

6.7 Rugby

Researchers found Australian rugby union player **Barry “Tizza” Taylor** died in 2013 of complications of severe CTE with dementia at age 77. Taylor played for 19 years in amateur and senior leagues before becoming a coach.^[79]

In 2013, Dr **Willie Stewart**, Consultant Neuropathologist at the Institute of Neurological Sciences at the Southern General Hospital in Glasgow, identified CTE in the brain of a former amateur rugby player in his 50s which is believed to be the first confirmed case of early onset dementia caused by CTE in a rugby player.^[82]

6.8 Australian rules football

Australian rules football player **Greg Williams** is thought to have CTE as a result of concussions over a 250-game career.^[83]

In March 2016 **Justin Clarke** of the **Australian Football League (AFL)** team the **Brisbane Lions** was forced to retire at just 22 years of age due to a serious concussion sustained during off-season training two months earlier.^[84] He was the fifth AFL player in the previous ten months to retire with concussion related injuries, with **Sam Bleasdale** (25 yo, Melbourne and Geelong), **Leigh Adams** (27 yo, North Melbourne), **Matt Maguire** (32 yo, Brisbane and St Kilda), and **Brent Reilly** (32 yo, Adelaide) all having retired since May 2015. All the retirements were linked to a crackdown on head injuries by the AFL and fears of CTE associated with local and international sportspeople, especially American footballers.^[85]

6.9 Major League Baseball

In 2012, the brain tissue of **Ryan Freel** was tested after his death. It was found that he had Stage 2 CTE. Freel was the first Major League Baseball player to be diagnosed with chronic traumatic encephalopathy.^[86]

6.10 Extreme sports

In 2016, **BMX** biker and extreme sport icon **Dave Mirra** was diagnosed post-mortem with CTE. He had committed suicide by gunshot on February 4, 2016, and his brain was examined by Dr. **Lili-Naz Hazrati** of the **University of Toronto**, who confirmed the diagnosis.^[87]

7 Research

In 2005 forensic pathologist **Bennet Omalu**, along with colleagues in the Department of Pathology at the University of Pittsburgh, published a paper, “Chronic Traumatic Encephalopathy in a National Football League Player,” in

the journal *Neurosurgery*, based on analysis of the brain of deceased former NFL center **Mike Webster**. This was followed by a paper on a second case in 2006 describing similar pathology, based on findings in the brain of former NFL player **Terry Long**.

In 2008, the CSTE at Boston University at the BU School of Medicine started the CSTE brain bank at the Bedford VA Hospital to analyze the effects of CTE and other neurodegenerative diseases on the brain and spinal cord of athletes, military veterans, and civilians^[5] To date the CSTE Brain Bank is the largest CTE tissue repository in the world.^[6] On December 21, 2009, the **National Football League Players Association** announced that it would collaborate with the CSTE at the **Boston University School of Medicine** to support the Center's study of repetitive brain trauma in athletes.^[88] Additionally, in 2010 the **National Football League** gave the CSTE a \$1 million gift with no strings attached.^{[89][90]} In 2008, twelve living athletes (active and retired), including hockey players **Pat LaFontaine** and **Noah Welch** as well as former NFL star **Ted Johnson**, committed to donate their brains to CSTE after their deaths.^{[23][91]} In 2009, NFL Pro Bowlers **Matt Birk**, **Lofa Tatupu**, and **Sean Morey** pledged to donate their brains to the CSTE.^[92] In 2010, 20 more NFL players and former players pledged to join the CSTE Brain Donation Registry, including Chicago Bears linebacker **Hunter Hillenmeyer**, Hall of Famer **Mike Haynes**, Pro Bowlers **Zach Thomas**, **Kyle Turley**, and **Conrad Dobler**, Super Bowl Champion **Don Hasselbeck** and former pro players **Lew Carpenter**, and **Todd Hendricks**. In 2010, Professional Wrestlers **Mick Foley**, **Booker T** and **Matt Morgan** also agreed to donate their brains upon their deaths. Also in 2010, MLS player **Taylor Twellman**, who had to retire from the New England Revolution because of post-concussion symptoms, agreed to donate his brain upon his death. As of 2010, the CSTE Brain Donation Registry consists of over 250 current and former athletes.^[93] In 2011, former North Queensland Cowboys player **Shaun Valentine** became the first rugby player to agree to donate his brain upon his death, in response to recent concerns about the effects of concussions on Rugby League players, who do not use helmets. Also in 2011, boxer **Micky Ward**, whose career inspired the film *The Fighter*, agreed to donate his brain upon his death.

In related research, the Center for the Study of Retired Athletes, which is part of the Department of Exercise and Sport Science at the **University of North Carolina at Chapel Hill**, is conducting research funded by National Football League Charities to "study former football players, a population with a high prevalence of exposure to prior Mild Traumatic Brain Injury (MTBI) and sub-concussive impacts, in order to investigate the association between increased football exposure and recurrent MTBI and neurodegenerative disorders such as cognitive impairment and Alzheimer's disease (AD)".^[94]

In February 2011, **Dave Duerson** committed suicide,^[46] leaving text messages to loved ones asking that his brain

be donated to research for CTE.^[95] The family got in touch with representatives of the **Boston University** center studying the condition, said Robert Stern, the co-director of the research group. Stern said Duerson's was the first time he was aware of that such a request had been left by a suicide potentially linked to CTE.^[96] Stern and his colleagues found high levels of the protein tau in Duerson's brain. These elevated levels, which were abnormally clumped and pooled along the brain sulci,^[5] are indicative of CTE.^[34]

In July 2010, NHL enforcer **Bob Probert** died of heart failure. Before his death, he asked his wife to donate his brain to CTE research because it was noticed that Probert experienced a mental decline in his 40s. In March 2011, researchers at Boston University concluded that Probert had CTE upon analysis of the brain tissue he donated. He is the second NHL player from the program at the Center for the Study of Traumatic Encephalopathy to be diagnosed with CTE postmortem.^[97]

BUSM has also found indications of links between **Amyotrophic lateral sclerosis (ALS)** and CTE in athletes who have participated in contact sports. Tissue for the study was donated by twelve athletes and their families to the CSTE Brain Bank at the Bedford, Massachusetts VA Medical Center.^[98]

In 2013, President **Barack Obama** announced the creation of the **Chronic Effects of Neurotrauma Consortium** or CENC, a federally funded research project devised to address the long-term effects of mild traumatic brain injury in military service personnel (SMs) and Veterans.^{[99][100][101]} After a competitive application process, a consortium led by **Virginia Commonwealth University** prevailed and was announced as the recipient of the award by President Obama on August 20, 2013.^{[102][103][104][105][106][107]} At the time of the award, this was the single largest grant ever awarded to Virginia Commonwealth University.^[104] Nearly 20% of the more than 2.5 million U.S. **Service Members (SMs)** deployed since 2003 to **Operation Enduring Freedom (OEF)** and **Operation Iraqi Freedom (OIF)** have sustained at least one **traumatic brain injury (TBI)**, predominantly mild **TBI (mTBI)**,^{[108][109]} and almost 8% of all OEF/OIF Veterans demonstrate persistent post-TBI symptoms more than six months post-injury.^{[110][111]} Unlike those head injuries incurred in most sporting events, recent military head injuries are most often the result of blast wave exposure. Explosive munitions, predominantly **improvised explosive device' (IEDs)**, have caused the overwhelming majority of these identified cases. The incidence is likely even significantly higher than reported, as many mTBIs may go unrecognized during and even after deployment because of more visible concomitant injuries capturing greater attention, clinicians' limited awareness of the often subtle initial findings, and patients' reduced subjective awareness related to cognitive deficits in the acute period.^[112] The mission of the CENC is to fill the gaps in knowledge about the basic science of **mild TBI**

(also termed **concussion**), to determine its effects on late-life outcomes and **neurodegeneration**, to identify service members most susceptible to these effects, and to identify the most effective treatment strategies.^{[102][103][104][113]}

The CENC is a multi-center collaboration linking premiere basic science, translational, and clinical neuroscience researchers from the DoD, VA, academic universities, and private research institutes to effectively address the scientific, diagnostic, and therapeutic ramifications of mild TBI and its long-term effects.^{[104][105][106][107][114]}

The CENC serves as the comprehensive research network for DoD and VA that focuses on the long-term effects of combat-related and military-relevant TBI.^[107]

The CENC is designed to conduct research that provides clinically relevant answers and interventions for current service members and Veterans and to develop the long-term solutions to the chronic effects of TBI. The CENC is identifying and characterizing the anatomic, molecular, and physiological mechanisms of chronic injury from TBI and potential neurodegeneration, investigating the relationship of comorbidities (psychological, neurological, sensory, motor, pain, cognitive, neuroendocrine) of trauma and combat-exposure to TBI with neurodegeneration, and assessing the efficacy of existing and novel treatment and rehabilitation strategies for chronic effects and neurodegeneration following TBI.^[113] The project principal investigator for the CENC is David Cifu, Chairman and Herman J. Flax professor^[115] of the Department of Physical Medicine and Rehabilitation (PM&R) at Virginia Commonwealth University (VCU) in Richmond, Virginia, Staff Physiatrist at the Hunter Holmes McGuire Veterans Administration Medical Center (HHM-VAMC),^[116] Founding Director of the VCU-Center for Rehabilitation Science and Engineering^[117] and National Director of PM&R Services in the Department of Veterans Affairs' Veterans Health Administration.^{[103][104][105][118][119]} Project co-principal investigators are Ramon Diaz-Arrastia, Professor of Neurology, Uniformed Services University of the Health Sciences, and Director of Clinical Research at the Center for Neuroscience and Regenerative Medicine (CNRM),^[107] and Rick L. Williams, statistician at RTI International and a Fellow of the American Statistical Association.^[114]

Like all scientific theories, the hypothesis that repeated concussion or subconcussive impacts cause CTE cannot be definitively proven. To date no scientific evidence has been shown to falsify the hypothesis, while a rapidly growing body of evidence from postmortem and epidemiological studies conducted at major researcher institutions and the National Football League supports it.^[120]

Some researchers have argued that prospective longitudinal studies employing the scientific method are needed to provide adequate confirmation for the hypothesis that repeated concussion or subconcussive impacts cause CTE.^[121]

As of September 2015, the CSTE had diagnosed CTE

in 96% of NFL players analyzed in postmortem brain studies.^[122]

8 Notable cases

9 In popular culture

On December 7, 2011, the television show *Law & Order: Special Victims Unit* aired the episode "Spiraling Down", which featured a character suffering from CTE.

On October 8, 2013, PBS aired an episode of its *Frontline* documentary television series concerning CTE and the NFL.^[129] The episode was re-aired in December 2015 with additional updated information.

Concussion is a 2015 film starring Will Smith dramatizing the efforts of Bennet Omalu's fight against the NFL's efforts to suppress his research on the brain damage suffered by professional football players.

House M.D. Season 8 Episode 16 "Gut Check".

A Gifted Man Season 1 Episode 6 "In Case of Memory Loss." A former football star, now homeless, suffers from CTE.

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12.1 Text

- **Chronic traumatic encephalopathy** *Source:* https://en.wikipedia.org/wiki/Chronic_traumatic_encephalopathy?oldid=733303673 *Contributors:* William Avery, Jrclin001, Ronz, Bueller 007, Julesd, Dale Arnett, DragonflySixtyseven, Ukexpat, Vsmith, Jjron, Alansohn, Woohookitty, Merlinme, Daniel Case, BD2412, Ciroa, Tabercil, Rjwilmsi, Nightscream, Jweiss11, TexasDawg, Gareth E. Kegg, Bgwhite, ChrisP2K5, Jgrabell, Me and, Kevs, Hydrargyrum, Trovatore, Phileo, Kkmurray, Buf7579, Delldot, Doc Strange, Kslays, Gilliam, Tyler-Riggs, Jprg1966, MaxSem, Muboshgu, New World Man, WhosAsking, Lambiam, Avs5221, InedibleHulk, AEMoreira042281, Iridescent, CuriousEric, CMG, Cydebot, Dominicanpapi82, Drewjames, Neurowiki, Gaijin42, Headbomb, Nick Number, Albany NY, East718, Straf-peloton2, Magioladitis, Jevanyn, Lapsus16, Ed!, Destynova, Rowsdower45, Cpl Syx, JMyrleFuller, Drm310, Yobol, Conquerist, Boghog, Tdadamemd, Stuntrek, ElectricValkyrie, Pdculbert, Jfphil, DadaNeem, Mschamberlain, Mangotang, Crazypaco, Banjodog, Natg 19, Nad-sozinc, Doc James, AdRock, MuzikJunky, Swliv, Flyer22 Reborn, MenoBot, Martarius, Niceguyedc, Mneisen, Kitsunegami, Excirial, DoctorEric, Benjamnjoel2, Atethnekos, AroundLAin80Days, Rejectwater, Morning277, Tassedethe, Jarble, Drpickem, Yobot, Dreadfully-boring, AnomieBOT, Nwt0, Citation bot, Bagumba, Tiller54, Nbagigafreak, Berylcloud, FrescoBot, Pinethicket, I dream of horses, Blubro, Evenrød, VEO15, Trappist the monk, Donlammers, ItsZippy, Motorfingers, Jeffrd10, Jarpup, Ernestogon, John of Reading, Scotteaton92, Quantanew, We return, Jdkag, Dbmillercode, Wikipelli, Dcirovic, Checkingfax, H3llBot, Makecat, Cersevcu, BornonJune8, Bennyyearl, Zoupan, Dmartin17, Petr, Ddanes, ClueBot NG, Maxikray, RyukendenHayabusa, Erasistratus1, Marechal Ney, Widr, Cabazap, Cjg43, The rakish fellow, Rockchalk717, BG19bot, CatPath, Dainomite, Theclevertwit, MrBill3, Muendelezaji, Jfhutson, Ruedjgtc, Iamscion, Hghyux, NWRGeek, ChrisGualtieri, ZappaOMati, Jimmyjazz242, Khazar2, TylerDurden8823, Dylanvt, Yoonjosh, Donbac, Ruby Murray, Omarsaeed7, Maraflan, Christinebaugh, Fountaing13, DavidLeighEllis, Dozzzzzzzzing off, Zcrrytersargent, Big Dawg Hamp, Zoltrix 777, PeterAndrewL, JaconaFrere, Melcous, Monkbob, Fleckee15, Stephen"Zap", KBH96, ClassicOnAStick, Rusty Lugnuts, Iwilsonp, Payaza2000, CV9933, Kunkuru, Vesuvius Dogg, ValerianoDos89, The Xenomorph, Peterstanton, TerraCodes, Barbara (WVS), John Podesta, Dancingdaisy89, DatGuy, Allthefoxes, VaRMHUGS, Tmonchi, Setanta13046, Cplc71, Awwfenster, Curious4sq, Bug2016, Smghz, Jj021547, Erikafetterman7, Jamesy0627144, Tkimech and Anonymous: 217

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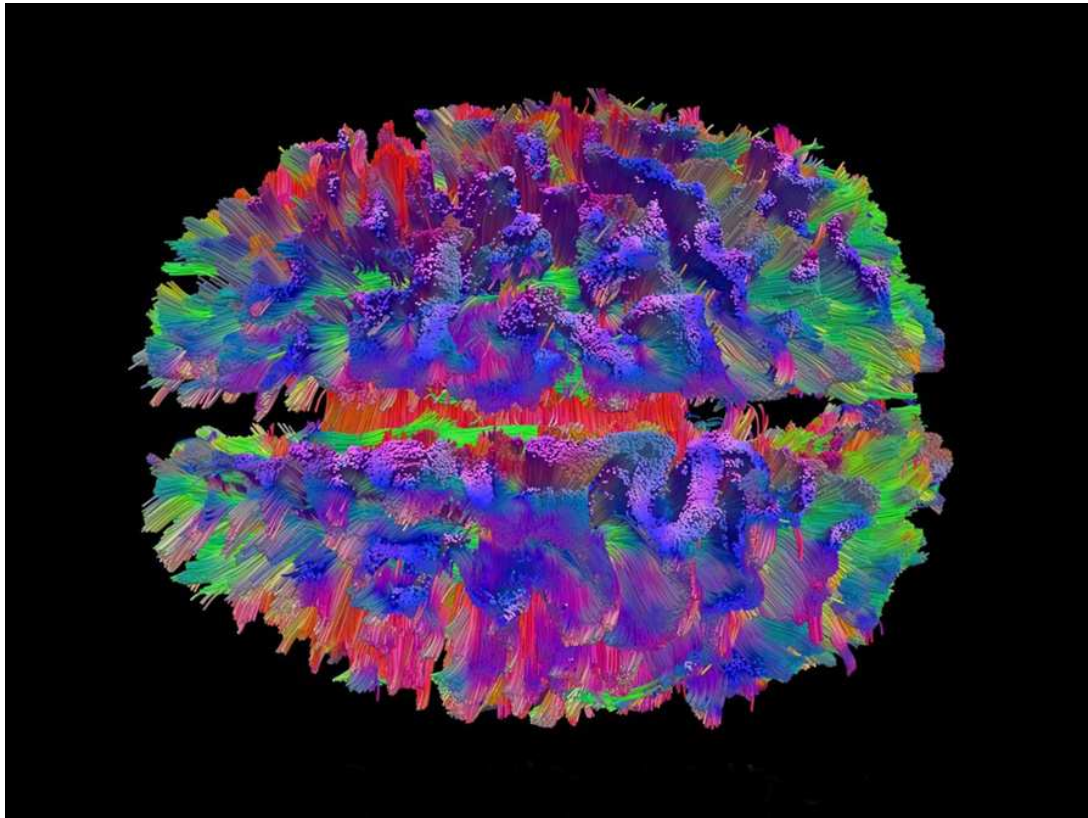
FROM THE SEPTEMBER 2015 ISSUE

Seeing the Brain's Broken Cables

A new imaging technique helps researchers map the damage from traumatic brain injury with unprecedented accuracy.

By Bijal P. Trivedi | Monday, August 03, 2015

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In this view from the top of the brain, a high-definition fiber-tracking map reveals a million nerve fibers.

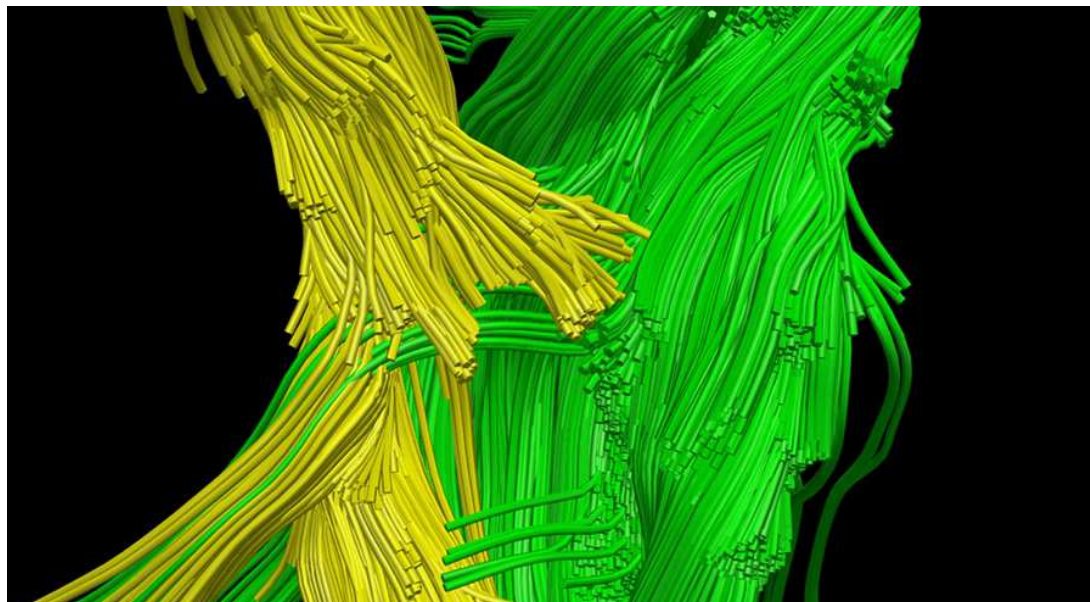
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It was a frigid 17 degrees when Louis “Tom” Freund was descending a three-legged communications tower in a hayfield in Ohio. At 40 feet up, he had a splendid view of the frosted brown stalks stretching to the horizon where the cold earth met a cloudless winter sky. Tom was at the top of his game: At 42, he was running a multimillion-dollar company providing broadband Internet access to rural areas. He’d just remarried and was in superb physical shape, capable of clambering up 250-foot-high towers with 40 pounds of tools on his back, leaving colleagues half his age in his wake.

But on this day, Feb. 16, 2009, a weld snapped underfoot — something no amount of experience or physical prowess could have prevented. “I heard a loud ping, and I knew I was coming down,” he remembers.

Slicing through the icy air, he watched as the tower toppled away from him. He rode it part of the way down and at the last minute, twisted, catlike, to avoid being crushed. His aerial acrobatics

saved his skull from smashing into the steel girders a moment later. The tower hit the ground, then he hit the tower, his chest smashing onto the icy metal frame. His shoulder and the right side of his head slammed into the ground. Even though a bright white haze clouded his vision, he remained conscious. “All I heard,” Tom explains slowly, “was a freight train siren going off in my head. It was deafening.”



An image shows broken connections in the brain of a man injured in an ATV crash. Broken fibers (yellow) contrast with an intact area (green).

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The impact shattered his pelvis and his shoulder, broke the ribs on his right side and damaged his spine and neck. Two lobes of his lungs exploded. As he lay on the frozen ground, which served as a big ice pack, a local medic called to the scene by Tom’s assistant gave him oxygen until a helicopter flew him to Allegheny General Hospital in Pittsburgh. He faded in and out of consciousness. The medics forced him to talk to his wife and kids over the radio, convinced he wouldn’t survive.

At the hospital, doctors used a CT scan to search for brain bleeds and fractures, which appear white against the fuzzy gray brain structures. Miraculously, the scan was negative. After just four days in the hospital — during which doctors successfully stopped Tom’s internal bleeding from punctured lungs and set his broken bones — he was discharged. The rest of his recovery, the doctors told him, was “an orthopedics job.” They said his brain was fine.

But Tom didn’t feel fine. He was confused, like he was in “the middle of a whirlwind,” with thoughts whizzing by that he had to grab before he could verbalize them. His sense of time was distorted. He suffered from raging headaches. His vision blurred as the day wore on, and a siren wailed in his head. He was at a constant loss for words and could not edit his thoughts, often blurting out inappropriate comments. Tom was angry, in pain, and couldn’t think clearly.

To this day, he says, his short-term memory is “nil to none,” and as we speak, he warns me that he probably won’t have any recollection of

our conversation. “I don’t remember people that I’ve met a week ago,” he says.

For the first three years after the accident, Tom and his wife, Karen, searched for a plausible diagnosis. He visited a series of neurologists, each of them assuring him that he had not sustained brain damage. Next, he sought out psychiatrists and psychologists who told him he had post-traumatic stress disorder (PTSD) — extreme anxiety attacks that recur after a traumatic event. But neither he nor Karen, an emergency room trauma nurse, thought the diagnosis fit.



Walt Schneider (left) and neurosurgeon David Okonkwo teamed up to develop imaging that creates a wiring diagram of the brain’s neurons.

Schneider: Scott Goldsmith; Okonkwo: University of Pittsburgh Medical Center

In the end, it wasn’t a doctor who finally identified what was wrong. An attorney who was handling Tom’s civil case suggested he had suffered a traumatic brain injury (TBI). He’d seen the same symptoms in football players he’d represented in court. It happens when the head is bumped or struck, like when a football player — or a man plummeting from 40 feet up — hits the ground. Jolts (like in a car crash) or exposure to a blast (which has affected countless soldiers who served in Iraq and Afghanistan) can also cause TBI.

These kinds of injuries can snap fragile nerves in the brain that carry signals from one part of the body to another. But there is no diagnostic technique that can visualize which nerve fibers, or neurons, are broken. When a nerve snaps, communication between different brain regions is disrupted, just like a damaged circuit in a computer. Not being able to locate the damage is an enormous setback to recovery and rehabilitation for the approximately 1.7 million people who suffer TBI each year in the U.S. That number doesn’t include the more than 300,000 soldiers with brain damage inflicted during military combat between 2000 and 2014.

Often such damage is invisible on CT scans, which use X-rays to visualize blockages, bleeds, tumors and skull fractures. MRI uses radio waves to create more detailed images, revealing bleeds, tumors and crude structural damage, but it cannot detect broken nerves. Even functional MRI (fMRI), which measures brain activity by tracking blood flow, can’t detect the loss of neurons.

Like 5.3 million Americans living with TBI-related disabilities, Tom is tormented by injuries that are invisible to doctors. Robbed of his skills, he’s been unable to work, throwing him into a downward socioeconomic spiral. Friends and family have quietly retreated, bewildered by his often inappropriate and emotional behavior, unable to recognize the man they once knew.



Potential injury in a patient's brain isn't visible with a structural MRI (left), but high-definition fiber tracking (right) reveals asymmetry in the corona radiata brain tract. The right (colored red) is smaller, consistent with the loss of motor control on the patient's left side.

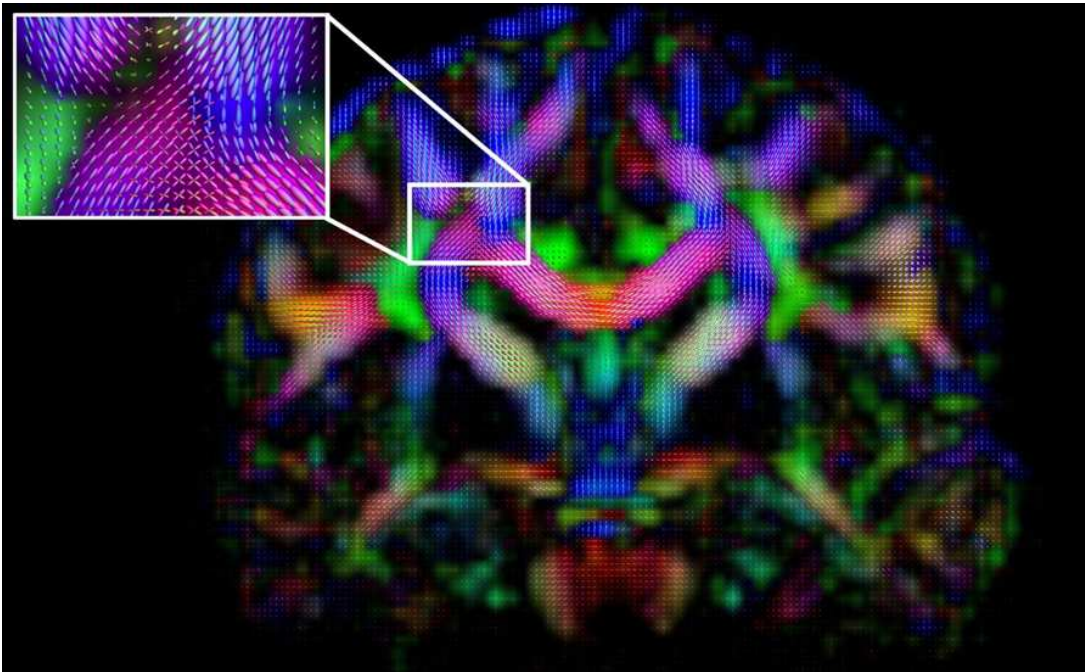
Walter Schneider Laboratory

After talking with the lawyer, Karen eventually connected with a University of Pittsburgh research team working on a new brain imaging technique. In 2012, Tom set an appointment with neurosurgeon David Okonkwo, a professor of neurological surgery and the clinical director of the university's Brain Trauma Research Center. Brain and spinal cord injuries are his specialty. Okonkwo scheduled a two-hour brain scan for Tom in a high-powered MRI machine. He then asked him to return a couple of weeks later for the results.

Neurons in High-Def

Okonkwo knew that brain injuries were easily overlooked. Even today, when a head injury or coma patient is brought to the ER, the person gets a CT scan to determine if there is a blood clot in the brain that requires surgery. The problem, says Okonkwo, is that in nine out of 10 cases, those patients have a normal CT scan and are told they're fine. "But in many cases, they are not normal," he adds. "And they will be the first ones to share with you three months, six months later, the ways in which their life has changed." He says that in most hospitals, trying to diagnose a TBI is pretty much like trying to find a bone fracture before X-ray machines were invented.

But that changed for Okonkwo in fall 2009 when Walt Schneider, a lanky, snowy-haired psychologist, visited from across campus. Schneider is fascinated by technology, and he'd come to talk about a new way to image the major tracts of the brain. Tracts are bundled cables of axons that link one region of the brain to another — like superhighways — and conduct information. An axon is the long, skinny "tail" of a nerve cell, or neuron, that transmits electrical signals from one neuron to another elsewhere in the brain. Within a specific tract, all the nerve cells begin in the same location and end in a common location. Each tract has a predominant function: The corticospinal tract controls movement; the cingulate tract, memory; and the arcuate handles language. When an axon is injured, communication between particular neurons is lost; when an entire tract is severed, two brain regions can no longer talk to each other.



A diffusion spin diagram reveals how water molecules move in a human brain. Restrictions in the motion and speed of the molecules give researchers clues to identify larger brain tracts, or bundles of axons that link one brain region to another. The inset shows an intersection of three major tracts.

Walter Schneider Laboratory

Schneider wanted a type of imaging that could produce a wiring diagram of all the neurons in the brain. But the current technology — diffusion MRI, also called diffusion tensor imaging (DTI) — didn't allow him to see injured axons that might explain the problems of TBI patients.

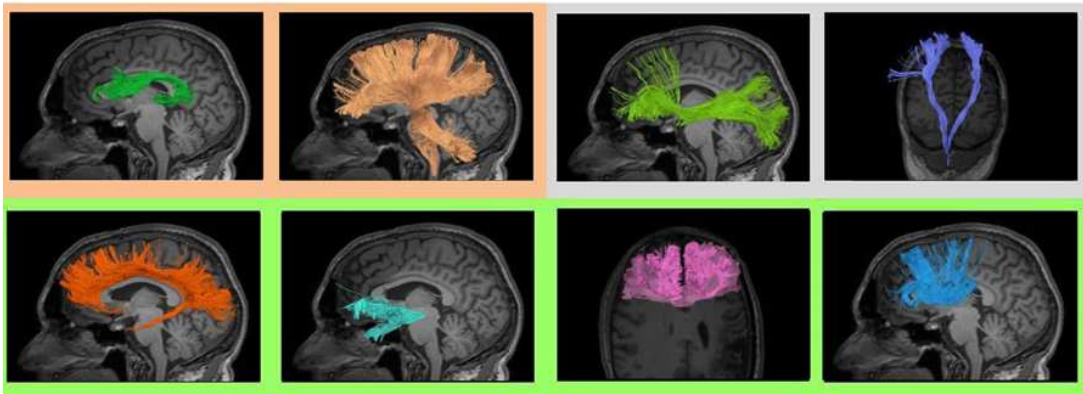
Traditional DTI uses magnetic pulses to tag water molecules in the nerve cells of the brain and then records six characteristics of how these water molecules behave. The measurements are used to build images that trace the shape and direction of the axons and how the neurons in one region are connected to other brain regions. But DTI imaging had a major glitch: When axons from different tracts intersected and crossed en route to their target, the DTI software got confused and couldn't determine each tract's direction with complete accuracy. Schneider needed a technology that could follow these tracts from beginning to end.

With financing from the Defense Advanced Research Projects Agency, Schneider launched the 2009 Pittsburgh Brain Competition to lure the best minds to work on brain connectivity mapping. He offered \$10,000 to anyone who could use data from a one-hour MRI scan to create a detailed image of the optic radiations — brain structures well defined through dissections. Teams from 168 countries signed on. As the results filtered in, Schneider's team found that most entries were just incrementally better than standard DTI imaging. But then a Taiwanese graduate student, Fang-Cheng Yeh, sent a stunning image. His work revealed Meyer's loop, a structure in the optic radiation, which no other team had successfully visualized. Yeh collected the reward, and Schneider enticed him to come to the U.S. to study. He worked with Schneider as part of his Ph.D. studies and is now a postdoctoral researcher at Carnegie Mellon University.

Sudhir K. Pathak, a mathematician and computational bioengineer in Schneider's lab, analyzed Yeh's approach. The key, Pathak found, was Yeh's use of more and sharper observations of water

molecules (257 compared with the usual six) inside the nerve cells to figure out how the axons formed neural circuits in the brain.

“MRI only sees the water,” explains Pathak. “By watching how the water moves, we can tell whether it’s moving freely in all directions or if there is something restricting movement, like a nerve cell.” Pathak improved versions of Yeh’s algorithms, producing better and higher-resolution images, and then applied the approach to the entire brain to identify and map all 40 major brain tracts. Schneider and Pathak call this new method high definition fiber tracking (HDFT). Finally, to make the wiring diagram accessible, Pathak segmented and colored major pathways involved in various neural circuits in psychedelic hues.



With high-definition fiber tracking, physicians can show patients the relative health of the major tracts in their brains. Colored borders are used as an aid to show those tracts with moderate injury concern (upper left), possible concern (upper right) and those within a normal range (across bottom).

Walter Schneider Laboratory

Pathak spent the next year vetting the new brain images with Juan Fernandez-Miranda, a Pittsburgh neurosurgeon and neuroanatomist. He wanted to confirm that the virtual tracts he created on his computer screen matched those that the doctor saw during surgery. Fernandez-Miranda edited the images, pointing out when they were correct and when they took a wrong turn. The collaboration created a tenacious feedback cycle in which Pathak tuned the mathematics to create a tract, then Fernandez-Miranda identified what was anatomically correct. Finally, Pathak’s non-invasive virtual dissection rivaled Fernandez-Miranda’s own bloodier one.

Okonkwo immediately saw the implications and began collaborating with Schneider to test the technology in a research trial by recruiting patients with brain injuries.

Pathak and other members in Schneider’s lab then worked with Okonkwo and Fernandez-Miranda on an iPad app to create a tool that was clinically relevant and useful to neurosurgeons as they performed brain surgery or searched for damage in an injured patient.

Visualizing the Damage

Two weeks after the scan, Tom and Karen sat with Okonkwo in an office at the University of Pittsburgh Medical Center Presbyterian. It was September 2012, more than three years since his fall. Tom hoped to hear a conclusive diagnosis, an anatomical explanation for his troubles and the rehabilitation strategy. He had been haunted by memories of the man he was before the accident, and he longed to be himself again.

Using his iPad, Okonkwo pulled up an image of Tom's brain. Each of the tracts was brightly colored, and looping, twisting and crisscrossing like a whorl of spaghetti.

On the screen, the left side of Tom's brain was green and the right side, red. There tends to be a natural symmetry between the two halves of the brain, and asymmetry makes us suspicious, Okonkwo explained. Although it could be due to a natural difference between the left and right hemispheres, it might indicate an injury where circuits have been disrupted. In some regions of Tom's brain, Okonkwo added, the circuits were asymmetrical.

He clicked on a drop-down menu and selected Tom's Papez circuit, which is key to the control of emotions and memory. "The right side of the brain doesn't have as much connectivity within the Papez circuit as the left side." The right side is the one that smacked the ground.

Okonkwo explained that networked connections can be lost. If, for example, the links from the eye to the back of the brain are reduced or severed, it may diminish vision. "That concept is true for the motor system, for the sensory system, and it's true in a slightly different way for memory, emotion, mood control," he said. Some of Tom's Papez circuit connections had been interrupted.

"The part of your brain responsible for encoding new memories isn't what it once was," said Okonkwo. He paused to let Tom digest. "And it can also be related to emotional stability and things like that."

Karen covered her face and started to cry. For the first time, after years of doubt, anxiety and frustration, they saw the broken cables in Tom's head. Okonkwo showed Tom another damaged brain circuit, the supplemental motor area, which is vital for integrating individual movements to make them smooth. The right side was dramatically different from the left, like someone arbitrarily hacked off huge branches of a tree. "It's very difficult to be graceful when you have trouble with the supplemental motor area. Does that sound like you?" Tom nodded.

Okonkwo stressed that the implications of the damage were unclear; this research was in its infancy. He told them that thousands of damaged brains must be scanned before doctors understand how various injuries affect brain function.

There's no obvious cure or therapy for Tom. But for Tom and Karen, just seeing proof that validates his symptoms felt like a step forward. "[It's] satisfying. Sad. Scary. Heartbreaking," said Karen. "It's given us a confirmation that I'm not crazy," Tom added. "For a long time, I thought I was losing my mind. Now I can finally move on."

Seeing a detailed scan of the brain is clinically important, both in a diagnostic sense as well as a therapeutic one, says Okonkwo. "There's actually someone who believes them."

For the past four years, Schneider and Okonkwo have been tweaking the technology. While they are enthusiastic and hopeful about their approach, others are more cautious. Arthur Toga, director of the Laboratory of Neuro Imaging at the University of Southern California, says there are still many unknowns when it comes to the brain, questions that he and others are trying to answer as part of the national brain mapping initiative called the Human Connectome Project. Many brain circuits are not symmetrical, and simply comparing the right and left halves to detect

brain damage may not be reliable. He is also concerned that telling someone the degree of damage may not be helpful. “We don’t know whether it is possible to recover those connections with the right treatments and rehabilitation strategies,” says Toga.

“Walt’s work is really promising, but it’s definitely controversial,” says Peter Bandettini, who specializes in fMRI as director of the fMRI facility at the National Institute of Mental Health. Others in the field doubt whether Schneider’s methods can truly quantify damage to specific fiber tracts, he says. For example, can his approach really determine that 78 percent of the fibers in a particular tract have been destroyed? “The jury’s still out on that.”

But Bandettini supports Schneider’s approach. “It’s important for Walt to thrash this out, push the technology and see what it can do . . . [and] he’s one of the few in brain imaging who is collaborating with the military and TBI doctors on clinical applications.”

“Actionable Intelligence”

Part of that process is building the technical infrastructure that will allow Okonkwo and Schneider to better acquire MRI data, analyze and interpret it, and present brain images to clinicians and patients in a way that’s intuitive. The scan now takes 22 minutes, the analysis just four hours.

Currently the only way to get a high-definition scan of brain fibers is to participate in a research trial. That will remain true for the next three to five years until the FDA approves the technology. But already, Okonkwo and Schneider are glimpsing the fruits of their efforts: They’re helping patients understand the consequences of their brain injuries.

Treatment has been a national priority after military service in Afghanistan and Iraq resulted in a vast number of TBI and PTSD cases. Since 2007, the Department of Defense Combat Casualty Care Program has spent more than \$700 million on 500-plus TBI projects, including \$10 million from the U.S. Army Medical Research and Materiel Command for Schneider’s technology. For Col. Dallas Hack, a physician and the brain health/fitness research coordinator at Fort Detrick, Md., the advantage of Schneider’s HDFT technology is the ability to see and quantify the damaged circuits. He can use that to guide rehabilitation for the thousands of soldiers who’ve been through brain-rattling explosions.

For one 46-year-old soldier (who asked that his name not be used because of the nature of his work), participating in Schneider’s research trial has changed his life. He’s spent more than 20 years in the U.S. Army Special Forces infantry division and has served in both Afghanistan and Iraq. After surviving some 400 explosions, he had memory lapses and attention deficits that he knew compromised his ability to lead high-altitude parachute missions into enemy territory — his specialty.

An exam confirmed short-term memory loss, but the problem ran deeper. He used to be a voracious reader and was fluent in several languages. Now he could barely get through an email, written words lost their meaning, and the languages blended unintelligibly in his head.

After the scan, Okonkwo showed him the source of his problems. “My visual tracts that connect the brain to my eyes have taken a beating, which explained to me why I can’t read,” he says. “I’m not an idiot, I’m not completely broken. I just have these cables that aren’t working as well because a lot of them have been destroyed.”

Although a rehabilitation strategy wasn’t clear, in a moment of medical inspiration, one of Schneider’s team members recommended that he read to a beat — specifically using music, rhythm and doing something physical, such as tapping the words. They thought it might possibly retrain his brain to use other intact pathways.

He had nothing to lose. So he plugged in his headphones, set a beat and read his emails or had the computer read them as he looked at the words. It worked. When he’s reading, he says, “I look like I’m cutting a rap record. I’m in the studio, it’s me and Jay-Z, and we’re getting it done!” That said, it takes longer, requires technology, and it’s still not easy. “[But] I can read articles, emails, and I can read a book.” This is all possible, he says, because he had an anatomically accurate scan that revealed which brain pathways were still viable.

With this new technology, the damage is now visible, and that’s “actionable intelligence,” says Schneider, who’s fond of military jargon. “In a decade, we may know how to repair the damage much more effectively.”

Scans done during and after rehabilitation and the use of various medications will prove whether damaged nerves can be repaired — and might begin to reveal how that happens.



Tom Freund and his wife, Karen, listen as Pittsburgh researcher Schneider explains how high-definition fiber tracking helped identify damage to areas in Tom’s brain. That visualization was the “last piece of the puzzle,” Karen says, and helped them cope with changes in his behavior.

Scott Goldsmith

Schneider’s brain scanning technology is the closest to deployment, says Hack. The advantage of this technique is the images can be processed on machines currently used at major VA, DOD and medical centers around the country. As the TBI study expands, Schneider expects to scan more than 1,000 patients in the next three years at major hospitals in the Defense Department’s Tricare health care program and at VA hospitals in Houston, San Diego, Tampa, Palo Alto, Calif., and Richmond, Va.

Schneider’s fiber tracking images are similar to those emerging from the federally funded Human Connectome Project, which is mapping neural networks with DTI and generating its own stunning collection of Technicolor maps. “[But] Walt is one step ahead of [that] project,” says

Lawrence Wald, an investigator in the Massachusetts General Hospital-University of California Los Angeles consortium of the connectome project who also is collaborating with Schneider's team. The Connectome project has focused almost entirely on imaging the brains of healthy adults to provide a "gold standard" baseline for understanding diseased or injured brains. But Schneider has developed tools specifically for TBI, says Wald, and he has assembled a multidisciplinary team of clinicians, neurosurgeons and neuroanatomists to vet the images and identify and interpret wiring differences that are clinically significant.

A New Connection

Two years after seeing the damaged cable, Tom and Karen seem at ease. For Karen, a definitive diagnosis provided "the last piece of the puzzle," she says. Understanding the reason behind Tom's behavior has helped her adjust, as well as heal their marriage.

The diagnosis also has made an important practical impact. Tom has undergone more cognitive and behavioral tests and is still working with several doctors. Workers' compensation is now picking up the medical bills, which had essentially wiped out his savings. Now getting the bills paid is not a constant fight.

"Since the diagnosis, it seems they genuinely want to help me," he says.

Karen still shares a special connection with Tom, but she admits that life has changed. "The Tom I know now is different. I have changed to coexist with him." She now has a better sense of what she can expect from him, and that understanding has been freeing for both of them. "Even though it was bad news, understanding the damage to Tom's brain was the answer to our prayers."

[This article originally appeared in print as "Broken Cables."]

Todd Giffen < todd@strags.com >

CIA mind control programs

rossinst@rossinst.com < rossinst@rossinst.com >

Mon, Mar 31, 2014 at 8:14 PM

Reply-To: rossinst@rossinst.comTo: Todd Giffen <case@oregonstatehospital.net>

Hi - if a physician emailed me, I could answer a few questions but not likely more than that. I've never testified in such a case. I'd be willing to consider it if a lawyer contacted me. The main problem, of course, is getting objective evidence that a given person is in fact a victim of electronic harassment since it is so deniable and all classified.

My position is that, given the history of experimentation on unwitting civilians with radiation, chemical and biological weapons, hallucinogens etc, it is not plausible that non-lethal weapons have never been tested on civilians. As far as how widespread it is, I have no idea.

Dr Ross

From: "Todd Giffen" <case@oregonstatehospital.net>**Sent:** Monday, March 31, 2014 3:28 PM**To:** "Colin Ross" <rossinst@rossinst.com>**Subject:** RE: CIA mind control programs

Do you consult with other doctors if they contact you, and lastly do you think you do paid expert testimony in court on these subjects?

Also are you familiar with the microwave or EEG heterodyning type mind control and is your belief this type of weapon and surveillance system (as a remote mind reading/remote sensing app used by the government to spy on us) is in wide spread use today?

On Mar 31, 2014 12:20 PM, "Colin Ross" <rossinst@rossinst.com> wrote:

Dear Todd,

Hi - I don't have a private practice so I can't help people directly. Educating the public and writing about mind control is how I help.

Dr Ross

From: todd@strags.com [<mailto:todd@strags.com>] **On Behalf Of** Todd Giffen**Sent:** Thursday, March 27, 2014 12:49 AM**To:** rossinst@rossinst.com**Subject:** CIA mind control programs

I was watching Ross's testimony on CCHR about CIA mind control program, MKULTRA.

Do you know about Dr. Robert Duncan? He worked for the CIA/DOD/US DOJ and helped them develop more modern weapons, using microwaves, which is built into all radar and satellite systems.

Based on Robert Malech's 1974 patent for reading and altering brain wave activity from radar systems, it was deployed by the DOD/NSA in 1976. This is the basis of modern mind control today, in which peoples brains are remotely monitored, and psychic attacks and simulated schizophrenia is taken out.

I have Dr. Robert Duncan's testimony and interviews and books on my website, plus my story.

I have emails sent by Dr. Robert Duncan to me on my homepage. Read it here:
http://oregonstatehospital.net/d/drrobertduncan_responds.pdf

Aaron Alexis was a target of this directed-energy weapons system. More details on these weapons on my website.

<http://www.oregonstatehospital.net/d/russelltice-nsarnmebl.html> Got the patents, videos, audio, and more

I want to know, since you're savvy about MKULTRA... Can you help victims of these weapons attacks?

...

-Todd Giffen

405 W Centennial BLVD

Springfield, OR 97477

[503-967-5202](tel:503-967-5202)

<http://www.obamasweapon.com/>



Todd Giffen <todd@strags.com>

Did you see my Aaron Alexis stuff from 1/16/2014?

Robert Duncan <cyclotronheating@gmail.com>
To: Todd Giffen <case@oregonstatehospital.net>

Mon, Feb 24, 2014 at 8:50 PM

I know how angry you are. It is unlikely they will kill you but the torture sure feels like it. The real issue will be if they can get you to kill someone else or yourself. That will be your internal battle for awhile. Lowering your stress levels will slow the induction process and the rewiring of your brain. Valium helps. I wish I could say it will end well but most likely this will be your eternal battle. You are up against a ruthless computer program and people.

Aaron Alexis was obviously a target. No one can prove it to the FBI.

On Mon, Feb 24, 2014 at 9:30 PM, Todd Giffen <case@oregonstatehospital.net> wrote:

What does the great Robert Duncan think of this? I even sent it to the FBI, and they had no response. Lol. What fags, right? Tell me at least if you agree with the logic. There should at least be a forensic investigation into whether the government made this guy kill 13..

---this sent to Washington Post, in response to their article..

read your article here: http://www.washingtonpost.com/national/health-science/a-psychiatrist-thinks-some-patients-are-better-off-without-antipsychotic-drugs/2013/12/06/547f5680-48aa-11e3-a196-3544a03c2351_story.html

It may have some incorrect information about Aaron Alexis.

See, he reported not hearing voices, but being attacked by with a directed energy weapon. Your article says he was hearing voices, though, but they are not the same thing.

In fact, directed energy weapons attacks have nothing to do with mental illness, and more to do with secret government murders and psych experimentation. And they are very real, and I assure you the technology exists (in fact, read below for a whistleblower from US Investigative Services who confirmed to me their existence).

In fact, you know the people who background checked Aaron Alexis and approved him for duty? They are named US Investigative Services, a US federal / military contractor. And they probably did a fine job. They screened him out as healthy, and proved he had a mostly clean background. This means, that.. Aaron Alexis, at age 28, was not suffering from mental problems when he went to work for the US military as a contractor.

And, medical knowledge actually says that, people at age 34 do not usually get psychosis. Onset of psychosis begins as a child, and is usually fully present by a persons teenage years.

So, what was really going on at the Navy Ship Yard? Let's just say, that without evidence that disproves it, I sort of think Aaron Alexis was a fully competent adult who was able to comprehend the world around him. And as a science oriented guru with a background in computer science, he must have been aware that energy can be directed at peoples bodies, and mind control devices allow the brain to be remotely tampered with. In fact, the CIA and US Army invented these weapons as early as the 1970s, during MKULTRA. The first weapon for beaming voices and words into peoples brains actually occurred at Walter Reed Institute in 1970. Another weapon called Radio Hypnotic Intracerebral Control Electronic Dissolution of Memory used radio signals to drown your nervous system in acetyl choline, paralyzing or killing a person.

And then there's a patent for remotely reading and altering brainwaves from 1974, by Malech, using conventional radar systems as deployed by the US military.

There is another patent that improves upon that in 1998 for communicating via thought alone which is read or transmitted via satellites, or other remote RF signal - and communicating can be two-way using remote firing devices to penetrate and control the mind. There's another patent owned by the US Air Force for voice to skull, a weapon device that simulates psychosis and allows speech to be beamed into a targets head. It uses pulse modulated microwaves to beam thermal energy at a subject, which when absorbed into the bones and soft tissue, create expansion and contractions of tissue, thereby creating soundwaves that travel into the skull and cochlea that only the target can hear. A persons body and tissue can be manipulated with this technique, as well, allowing body parts to be tickled, massaged, and other really bad things (rape, for example..).

O_O. The technology is real and fully deployed by the US Military, and there are reports of them using it on people all over the country. Washington Post covered this in the Mind Games article from 2007. There is even a remote nerve/brain reading patent, that allows video, sound, sensations, and emotions to be remotely manipulated. And reports of the NSA using a technology called Remote Neural Monitoring and Electronic Brain Link. And.. well.. it uses ELF energy, lets take a look at the actual thing Aaron Alexis said.

http://www.washingtonpost.com/local/crime/fbi-police-detail-shooting-navy-yard-shooting/2013/09/25/ee321abe-2600-11e3-b3e9-d97fb087acd6_story.html

"In one document, he wrote: "An ultra low frequency attack is what I've been subject to for the last three months, and to be perfectly honest, that is what has driven me to this."

Investigators are still trying to understand Alexis's "pathway to violence," Parlave told reporters. The etchings on his gun included "Not what y'all say!" and "Better off this way!"

Another scratched message, "My ELF weapon!," and other evidence gathered from Alexis's electronics indicate that the former Navy reservist thought he was being controlled by extremely low-frequency electromagnetic waves, according to the FBI. The Navy has legitimately used such technology, the FBI said, but these radio waves also have been at the center of conspiracies about government mind control."

Wow, I am shocked. The FBI even acknowledges there is some reality to his complaints. But lets dig deeper. Who actually proved Aaron wasn't getting attacked? Who did the research? Where's the forensic investigation that found his body hadn't been injured, and where's the evidence to suggest the NSA, FBI, military, CIA, or other agency wasn't directing energy at his body? Did you know, the NSA and other DoD agencies even have technology that records such radio emissions, and if this was happening, they must have recorded and watched it all. Take a look at the 30+ ELINT satellites up in space, or the Strategic Defense Initiative in which billions were spent on energy weapons and remote sensing technologies.

But nobodies talking, and the FBI just claims he's delusional with no proof, kind of like a cover up. Yeah, FBI is supposed to be some authority, but they should not be listened to, as they'll always cover everything about government abuse up. Especially, when I know they know these weapons exist, since the US Department of Justice are the guys who brought and used this technology at the Oregon State Hospital in 2006 during their big CRIPA investigation. Which is where I became a target.

Well, guess what else. I just came across a whistleblower who worked for the US Investigative Services, and she tells me that while she worked there, they had information about this technology really existing. And she tells me, that.. I report I am a victim, too, you see.. she tells me, that I am the first one outside of her group to know it exists too, exactly as she had saw it while she worked there. She tells me she confirms it's existence.

Let me just pass you that transcript. I got the .mp4 audio recordings of it, too. But I am saving those for private use only, so we'd have to hear those in person together, or maybe I could pass you an FTP download link if you reply back. And we can even talk to her, and I'll give you names.

Let's say, that.. the US government is using weapons on people, and not telling the truth about it. And Aaron Alexis may have tried to do the only thing these rapist murders would let him do; fight back and kill the fuckers attacking him. Or at least make sure he didn't die in vein without any recognition.

The transcripts are available here of USIS employee and me discussing this :
<http://www.oregonstatehospital.net/d/USIS.html>

I document the technology they used on me, and maybe Aaron Alexis. here:
<http://www.oregonstatehospital.net/d/russelltice-nsarnmebl.html>

Our government is corrupt. Please get back to me, because I am still alive, but I could be illegally executed at any time. I am under constant real attack with these weapons. And I think there are endless victims, and no one has never done anything about these real attacks across America.

Damn I hate Obama and our government. I used to think highly of our country, but then I'd been told lies about everything my whole life apparently..



Todd Giffen <todd@strags.com>

Re: A serious interview of targets and whistleblowers, Dr Staninger

seth17279@aol.com <seth17279@aol.com>

Wed, Jul 16, 2014 at 10:09 PM

To: case@oregonstatehospital.net

-----Original Message-----

From: Robert Duncan <cyclotronheating@gmail.com>

To: seth17279 <seth17279@aol.com>

Sent: Thu, Jul 17, 2014 12:36 am

Subject: Re: A serious interview of targets and whistleblowers, Dr Staninger

Hello Dr. Farber,
I appreciate what you do for TIs.

I don't get involved in individual cases at all. The problem has always been a sound strategy to stop the abuse. Another problem is that these people operate above any laws and there are few skilled enough to decipher the signal intelligence impinging upon the victim. Evidence is difficult to come-by and certainly not understood by the common man that you would find in a court setting. Courts do not have the power to stop this. Public understanding and opinion could sway things but this is a long journey of education. I do what I believe can keep me out of prison and still help inform the populous.

Good luck,
R. Duncan

On Wed, Jul 16, 2014 at 9:10 PM, <seth17279@aol.com> wrote:

Seth Farber, Ph.D.

NYC

www.sethHfarber.com

212 560-7288

Dear Robert Duncan,

I am an author and a dissident psychologist. Last September I was on the radio discussing the drugging of children by the psychiatric- pharmaceutical industrial complex. After the program I was contacted by some people in Freedom From Covert Harassment and Surveillance. (Recently I have been working with Ken Posner.). I was surprised by what I discovered when I began to do some research, including your "Vol.2"--at the horrendous things done, far beyond anything Snowden had disclosed (Glenn Greenwald told me recently Snowden has no documents on this) and the highly advanced technology far beyond anything of which the public was aware.. I have been a critic of our government since I first protested the Vietnam war in high school. Because of my political and moral convictions I want to stop these tortures. Not just provide psychological "consolation.": The only plan I can think of is EXPOSURE. I want to ask for your help on 2 projects that would not take much of your time.

Ken Polsner and several others have been "tested" by industrial toxicologist Hildegard Staninger, Ph.D.

She says Ken is receiving directed energy waves, and that she has determined the source of the satellites. (Some are from military bases,) I have sent her report on Ken to several people, including

journalists and doctors. No one can understand her report, let alone determine if she has proven anything, including Colin Ross MD.. Could you take a quick look at it to see if she has provided proof?. You could dialogue with her if that would help.

Second I think if you were interviewed by a journalist who has some gravitas it cold make a difference.. I like Coast to Coast but an appearance on Coast is not enough to break through the black out. Would you be willing to be interviewed by Chris Hedges. I almost persuaded him to do a story on people who were subject to more than surveillance. He was interested at first but was intimidated by Dr Staninger's report. Hedges was war correspondent for the Times has a Pulitzer, then resigned, wrote speeches for Ralph Nader. It would take someone like Hedges (or a few others I've met) to get this out in the open, at least among progressive intellectuals and policymaker. Coat to Coast (which I enjoyed doing),
would not do.

I look forward to hearing from you.

Fraternally, Seth Farber, PhD

www.sethHfarber.com

212 799-9026

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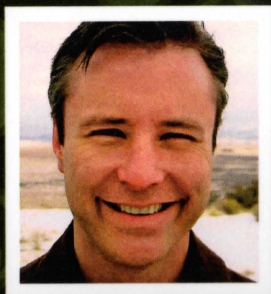
- MKULTRA project

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"An impressive integration of cybernetic and psychological warfare."

- Former Colonel in the Air Force



The Mind Hacking Strategy Group is a consortium of conscientious scientists who report the abuses of science. ROBERT DUNCAN holds multiple degrees from Harvard University and Dartmouth College in Applied Sciences and Business. He has worked on projects for the Department of Defense, CIA and Justice Department in his career.

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Project: Soul Catcher

Secrets of Cyber and Cybernetic Warfare Revealed Vol. 2

*An Introduction to Cybernetic Warfare Theory, Technologies, and
Practice Vol. 1*

**By Robert Duncan, B.A., M.S., M.B.A., Ph.D.
and The Mind Hacking Strategy Group**

A watcher over the human race,
a recorder of man's deeds,
and keeper of his conscience.

Diagrams and artwork done by Chet Slater – ChetSlaterDesign@gmail.com

Higher Order Thinkers Publishing

Bio of Dr. Robert Duncan, from his book *The Matrix Deciphered*:

"True nobility is exempt from fear".

– King Henry the Sixth, Part II (Act IV, Scene I).

Call me The Saint. I am the all American - prep school, Harvard College graduating with honors in computer science and a minor in premedical studies, and advanced degrees from Harvard and Dartmouth in business and science. My famous ancestors are President Lincoln, King Duncan of Scotland, and Governor William Bradford, the first governor of Massachusetts.

My research interests have been neural networks, virtual reality, and EEG controlled robotics. Before graduate school I worked for the Department of Defense, Navy, NATO, and various intelligence agencies computer science projects. I have done business consulting and computer consulting for the largest companies in the world. I have been a professor, inventor, artist, and writer. I am one of the last Renaissance men.

My projects have included algorithms for Echelon and CIA natural language parsing and classification of document content, IRS formula for red flagging audits, writing the artificial intelligence code to automate tracking of the Soviet Nuclear Submarine Fleet and all water vessels, work integrating HAARP with SIGINT SIGCOM and SPAWAR. I have worked on projects for the Justice Department connecting local, state, and federal databases for the tracking of terrorists. I developed a system for the FBI to track license plates past toll booths and other locations. I worked on the soldier 2000 program to create body networks for reading vital signs and other information. A system I worked on called Snyder is operational in Iraq which triangulates on intercity conflict gun shots. I have been to a couple secret bases in the so called free world. I have developed telemedicine robotic surgery and virtual reality applications for the Army. For DARPA, I have worked on satellite computer vision target tracking applications and tank simulation as well as integration of the land, sea, and air surveillance systems like SOSSUS, towed arrays, and others.

Projects that I have worked on outside of government contracts include my thesis on computer generated holography, a project making paralyzed people walk again using choreographed stimulated muscles movements, face recognition, voice identification and recognition, finger print recognition, and neural network robotic controller. My research interests moved to enhanced reality heads up displays and wearable computing systems. My current research involves finding a cure for the mind control directed energy weapons fiasco. The integrated global surveillance grid is actually part of the holy grail of weapons and human control systems.

My apologies to the human race for my contribution to tyranny. I was tricked into thinking it would not be misused by corrupt government especially in my beloved country. I was wrong. The Joint Non-Lethal Weapons Directorate has Skip Green on the governing board. One of my old colleagues at a technology think tank in Cambridge partly in charge of the radio frequency weapons testing for neurological disruption now torturing and killing people worldwide. Several other US Navy and UK Navy scientists have been knocked-off and that is why I have come

forward. I know my time maybe near. I am currently a professor in computer science and business, helping to educate the public on government corruption, greed, and stupidity. Like my ancestor Lincoln, I am fighting against mental slavery in a new Civil War engineered by the same useless elements in over 80 government agencies who have tested radiological, drug, and viral weapons on unsuspecting Americans for over 45 years.

I have great pride in the fundamental and constitutional values of America and mean no disrespect by my blasting the incompetence, apathy, and stupidity of those involved in the conspiracy of involuntary biological, chemical, and psychotronic human effects testing. There are so many brave men and women serving in the armed forces who fight and protect us for the American values they believe in. But because of the silos of information called compartmentalization in the security agencies and the lack of accountability and oversight of black operations and some top secret projects, diabolical elements become rogue or worse destroying the very country they are tasked with protecting turning it into a hypocrisy rather than a democracy.

My goal is to awaken Americans to the continued horrific acts of military and CIA weapons testers in this country and the other branches of government's inability to stop them and hold them accountable.

All I ask from the reader is to listen to testimony and validate facts presented here and come to their own conclusion. Then fight to win back America from this silent overthrow. This has been my project for about two years, investigating government corruption, incompetence, and cover-up upon which I accidentally stumbled one day while looking at a reverse MRI scheme to inject electromagnetic signals into the brain for virtual reality applications. I have interviewed over two hundred people and worked on the highest level of military projects for the U.S., NATO, and U.K. and have given videotaped testimony to senators and representatives on this topic resulting in lip service since they have no real power to enforce. Two high level FBI agents and a couple CIA agents have come forward to validate the existence of a MKULTRA like project that continues to grab random people for mind control experimentation. Two of these have since become part of the program and endure daily psychotronic tortures. All the torture can be done using directed energy psychotronic weapons with the so called continental ballistic missile surveillance defense grids.

I apologize to the human race for any contribution to these 4th generation weapons that I may have worked on that are more horrific than the nuclear bomb and whose cover-up is more pervasive than the Manhattan Project. And because of the horrific acts of violence being committed on as many as two thousand Americans as far as my research has uncovered and many others in other countries, I understand the extreme risk to my own welfare that publishing this material will have. But freedom is so important to me that I know full heartedly that the human race must have an open discussion on these weapons to decide their own fate before the point of decision is gone, that I am willing to risk divulging so called national secrets. All I offer you is the truth.

All information presented in this book was received through legitimate channels such as the Freedom of Information Act, military documents, victim testimony, and turned agents. I still hold valid the oath I took to keep secret the details of the projects that I worked on under DoD budgets. The majority of the proceeds of this book will go towards helping the psychotronic experiment survivors and surviving families of those that have perished. When the government fails, business and the citizens must look out for each other.

Dr. Robert Duncan in Energy Weapons & Testing, Coast to Coast AM broadcast December 5th 2006 (2.75+ million listeners weekly, syndicated in most cities and areas of the United States, and other places around the world.)..

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Download - Dr. Robert Duncan, Coast to Coast AM interview - Energy Weapons & Testing.

Energy Weapons & Testing synopsis:

Independent investigator Robert Duncan discussed directed energy and neurological weapons and his contention that they've been tested on the public at large. While directed energy is used in microwaves, to remove kidney stones, and in non-invasive surgery, it's also been developed extensively for military purposes, he reported.

The civilian population was targeted for experiments, in programs such as MK-ULTRA, starting after WW II, when Nazi scientists were imported to the US, some working on scalar or gravity weapons, said Duncan. The town of Taos, NM, where a hum was heard by many citizens, was the subject of a directed energy experiment by the U.S. Navy, he claimed. And most recently the Active Denial System (see article below) was tested on human subjects.

Duncan said he interviewed over 600 mind control victims (Dec 5th 2006 report), and found some validity to their allegations. There are weapons that can project voices into people's heads such as one system known as "The Voice of God," he detailed. Blocking techniques include jamming the signals with electronic scramblers, and using shields with metal alloys or mylar. He recommended the following websites for further information/assistance: mindjustice.org, raven1.net, freedomfchs.com.

The Goodbye Weapon

A new non-lethal weapon, the Air Force's Active Denial System, or ADS, has been certified for use in Iraq, after extensive testing. The ADS shoots a beam of waves that causes extreme (but temporary) pain and induces what experimenters call the "Goodbye effect," or "prompt and highly motivated escape behavior." Wired News obtained documents about the weapon and has published two reports (article(1)/documentation(2)). Additionally, the report's author David Hambling has posted a commentary(3) on the subject at Defense Tech.

1. <http://www.wired.com/news/technology/0,72134-0.html>

2. <http://www.wired.com/news/technology/0,72236-0.html>

3. <http://www.defensetech.org/archives/003036.html>

Coast to Coast AM guest bio:

Dr. Robert Duncan holds multiple degrees from Harvard University and Dartmouth College amongst others. He has had the most expensive American education money can buy. He is an investigator, author, and soon be movie producer on the topics of directed energy, neurological weapons, psychological, and information warfare. His movie is called "The Enemy Within - Psychic Warfare". A book he is co-authoring will be out in a few months called "Hacking the Human Mind".

Dr. Duncan has worked as a business and information technology consultant to the Fortune 500. He has worked for companies like Oracle Corporation, BEA systems, HP, BBN, and as a professor at a college. For the department of defense he has written the artificial intelligence code to track the Soviet nuclear submarine fleet with passive and active acoustical arrays and has been to a couple secret NATA Navy underground bases in Europe.



Robert Duncan

Biography:

Dr. Robert Duncan holds multiple degrees from Harvard University and Dartmouth College amongst others. He has had the most expensive American education money can buy. He is an investigator, author, and soon be movie producer on the topics of directed energy, neurological weapons, psychological, and information warfare. His movie is called "The Enemy Within - Psychic Warfare". A book he is co-authoring will be out in a few months called "Hacking the Human Mind".

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Past Shows:

[Energy Weapons & Testing](#)

Tuesday December 5, 2006

Independent investigator Robert Duncan discussed directed energy and neurological weapons and his contention that they've been tested on the public at large. ... [More »](#)

Host: George Noory

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The Matrix Deciphered is Dr. Robert Duncan's first book, originally written in 2006 along with another book called "Hacking the Mind". Duncan is B.A., M.S., M.B.A., Ph.D., degrees from Harvard, MIT, Dartmouth, Stanford. Worked for the CIA, DOD, US DOJ, NASA, making surveillance & weapons technology, including mind hacking technology which he believed would help treat people's mental illness. He then learned the CIA was using it to torture and slaughter thousands of innocent Americans...

The Matrix Deciphered highlights/evidence:

Here is secret #1 that has been suppressed by the forces of ignorance in the government. There was a patent that I will keep referring to throughout this book because of the importance of the work. It is published in the appendix. In 1974, Robert Malech, an employee of Dorn & Margolin Inc., a major defense subcontractor in radar design now owned by EDO Corporation an even larger all defense contractor in electronic warfare, invented a fairly simple radar device that could read whole brain electrical activity at a large distance. It has the major advantages of no wires and full brain electrical activity analysis, not just points on the skull surface. He discovered and perfected a way to use some simple electromagnetic oscillations anywhere from 100Mhz to 40 Ghz to read brainwaves by "illuminating" the brain and its electrical conductance then reading the return signal. The imaging method observes the changes of frequency resonances, amplitude, and phase which represent the states of neuron depolarization throughout the brain.

Secret #2. But more profoundly, he discovered that he could influence brain waves if precisely timed with a return training signal. He had no idea that at this moment in history, he had accidentally destroyed democracy as we envision it to be. The military and surveillance community immediately picked up on the patent and within two years had reprogrammed their communications and surveillance satellites and terrestrial phased arrays with the new concepts. The rapid deployment of this technology occurred because it only required software changes in already existing radar, imaging, and communications' terrestrial dishes and satellites. Many additional spy satellites have been launched since to bolster the system. So in 1976, on the bicentennial of this great nation, a system called TAMI was born. TAMI is an acronym for "Thought Amplifier and Mind Interface". A more invasive "Big Brother" technology came about before George Orwell's prediction of 1984.

Secret #3. Stealth RADAR techniques were first recorded by observing the Russian bombardment of the U.S. embassy in Moscow with microwaves. Using high powered steered phased arrays and focused directed energy from two sources next to each other, one can create a nearly undetectable "scalar" wave, or destructive interference at the point of interest. With just a minor energy interaction, the interfering beams bounce back with strong signal to noise ratio to be resolved at the sources again. This allows for any imaging technique to be done from extremely large distances. In effect, it makes distance irrelevant to the detection feature, be it RADAR, MRI, or ESR imaging.

At the same time, the Russians had discovered and were developing similar capabilities. This accelerated the secret arms race that continues to this day. The research and capabilities have come a long way in the last 30 years. Even if one didn't have direct access to the knowledge of surveillance capabilities, one could project out in time 30 years knowing technology developments increase at an exponential rate. At that time the military demonstrated the capability of reading automobile license plates from satellite images.

In order to cover up and not draw attention to mind reading radar, the whole field of psychic phenomena and paranormal psychology was invented to deceive the civilian populations of what was occurring. The Russian's showed their hand when they started bombarding the U.S. embassy in Moscow with microwaves in the late 60's, and then with the 7 Russian Wood Pecker transmitters that began operation in 1976 pointed at the U.S.

Unfortunately, due to the nature of this new weapon, many human minds are needed to create the database of specific brain data necessary to increase the effectiveness on a larger and larger population. These are referred to as the "Cataloguing and Cloning operations". In this context, cloning does not refer to human cloning, but EEG cloning. Many have misunderstood this fact and then it was popularized by the T.V. series "X-Files". These cloning operations are what plague the human race today as every country feels the need to have this weapon that requires torturing and killing many people of their own populations to develop.

EEG cloning means to copy someone else's brainwaves onto another person. The discovery made by Robert Malech allows this to be done wirelessly anywhere in the world. A new military division emerged called The Psychic Warfare Unit initially stationed in the Pentagon but most likely it was rolled into the Psychological Operations, Electronic Warfare, and Informational Warfare Units. Initially this became a great intelligence gathering tool. Psychically spying into other people's minds was an incredible feat.

I don't use the term EEG cloning much because it refers only to the special case of observing a targets mind. That is only one aspect of the technology. Malech discovered he could influence brain waves just as easily as reading them. So at the other extreme, a psychic warrior can EEG clone his brainwaves onto a target. This is symbolized in the movie "The Matrix" where the agents take over random citizens bodies while in pursuit of the heroes. The correct terminology to describe everything in between the two extremes is EEG heterodyning. Heterodyning is an engineering term which means to mix signals. So EEG cloning is just a special case of EEG heterodyning.

EEG cyber hive mind is another term used for EEG heterodyning for non-weapons use experiments. These are collectives of people who share one common set of brain waves. They jokingly refer to the process of forcing someone into a collective as "Borging" them, a reference to the evil cyborg civilization from Star Trek. They are studying both the long term effects of being in this kind of collective mind configuration and how to use it to control, spy through, disable, or kill a target. They also are studying communication and organization without spy gadgets of any kind for synchronized missions.

The emerging field which intersects at the physics of psychology is called "psychophysics". The dynamics of the mind are well described from neuroscience reductionism. Artificial neural networks have been around for over half a century. But the new challenge is to map exactly the subjective experiences of consciousness to the physics of organic intelligences informational signal processing including biochemical and electromagnetic. The word "Psychophysics" has additional connotations that are quite appropriate in the way that this field has evolved in the secret labs around the world. The tools of psychophysicists are called psychotronics. It is this area of research that has given rise to all the conspiracy theories on the New World Order psychoterrorists, secret societies involvement, mind control and satanic cults. Mind control weapons are the holy grail of the ultimate weapon and has given birth to the world's most notorious, sociopathic scientists which in turn have spawned a generation of

the most intense human suffering for weapons testing efficacy the people of this planet have ever endured.

The First Documented use of Mind Reading RADAR

In order to reduce the effects from the bombardment of the U.S. embassy in Moscow with microwaves, they put up microwave screens on the windows of the building. Oddly enough, this actually had the opposite effect of increasing the microwave intensity inside. The only way this can happen is if interferometry was being used on the embassy. If you block a path of the interfering / heterodyning wave fronts, you can lessen the destructive interference pattern thereby increasing the measurable energy. This was the first documented use of so called "scalar weapons".

...

Electron Spin Resonance (ESR)

This is the secret sauce that the conspiracy kills to keep secret. Notice that there are no ESR machines in hospitals. Why? Because it would become immediately obvious how easy it is to read body electricity from RADAR, i.e. brain waves at a distance. The basic concept is simple and very analogous to the way Magnetic Resonance Imaging works. It works on manipulating spin and gyro frequency of electrons.

Electron Spin Polarity Resonance (EPR)

In this imaging technique the spin polarity is measured by flipping it which adds or subtracts energy from the system. Energy must be conserved so a photon is given off if it goes to a lower energy spin state. It is "heated" during the movement to a higher energy state prepping it for a synchronized transition back to a lower energy state. The body's electricity is modulated into delayed state transitions because of the local electric field variations. This return signal is processed and the very high signal to noise EEG patterns are extracted. The sensitivity is truly "science fiction" like. Even a single nerve or neuron firing can be picked up individually. This gives new meaning to Signal Intelligence.

Magnetic Resonance Imaging (MRI)

Very similar to the way magnetic imaging works with the spin of the nuclei of atoms with their magnetic moments.

...

Millimeter wave, Infra-red and Visible Wavelength Satellite Imaging

This topic is self explanatory. Everyone has seen the incredible detailed infrared imaging capabilities of the military. They can see heat signatures through walls. What do haunted houses, ghosts, alien abductions, and the Bermuda Triangle have in common? Remember how the air becomes electrified before a haunting by the appearance of a poltergeist in movies inspired by this weapons testing on the public? We've busted our ghost in the machine! Remember how planes would be downed in the Bermuda Triangle because their compass needles and instruments would go haywire? Those were directed energy attacks from the Puerto Rico Radar field built in 1959. Remember all the shows about cars stalling and radio stations flipping right before an alien abduction scenario? These are all the same RADAR tricks but with varying degrees of lethality. These tricks are all done by the same technology and the usual criminals in the bowls of the beast.

...

Van Eck Hacking

Hacking the human brain

Computer hackers are always finding ways to zombify as many machines as they can. This means that they find a way to hack into your system and install remote control software of some sort. The Military's programs, called Zombie I-V, were similar in goal. They wanted to be able to hack into people's minds and create remote controlled zombies. They succeeded over 30 years ago and the technology is now close to perfected. There is a stalking phenomenon occurring in America and around the world. Read "Terrorist Stalking in America" for another perspective.

There are three kinds of stalkers one of which have been released by the freedom of information act documents that describe government stalking programs, or goon squads as they are called in slang. CIA and other agencies training their employees for intimidation tactics abroad and in the US are one form of the members of terrorist stalking gangs. The CIA has used these tactics to help overthrow governments and intimidate leaders of other countries many times in history.

The second purpose is to play into society's programming that people who think government agents are following them are crazy. Discrediting an individual through mud slinging, black mail, or erratic behavior has been a high priority documented skill for these agencies.

The other two types of stalkers are more dopes and victims of zombification. The global system, TAMI, can hone in on a compatible mind and instantly be able to manipulate it to some varying degree dependent upon many factors. The offense practices their trade by influencing people near a targeted individual to convey information only pertinent to them, for spy games. These people are everyday citizens unfamiliar with this high technology. The effects are so subtle without lots of training to detect, nobody would be the wiser. They would at most just question why they did that or felt the need to say that.

...

Monitoring of Life Signs and Psychic Star Wars Defenses

So almost every human is monitored and tracked by various integrated technologies. One justification for TAMI is that a global system to monitor everyone is necessary to alert the military in case of a psychic war and protect the leaders from electromagnetic influence. But of course in reality it is used for the exact opposite purpose. Uniqueness of heartbeat and breathing patterns (list patents).

Other Star Wars Directed Energy Weapons Plans

I have seen plans for electromagnetic rail guns for launching projectiles in space at other satellites. They use superconducting high powered magnets to accelerate projectiles faster than bullets.

Imaging the brain and other Earth objects

From my protected sources I have seen, brain images derived from the TAMI system. I was not told how they were produced but I can reverse engineer some possibilities given what I know about surveillance capabilities. Using cognitive modeling techniques, one could construct a PET or functional MRI like image showing brain activity simply using the phase, amplitude, and frequency information from mind reading RADAR. A spectral image could be constructed based on models of brain function and an electron spin resonance topographical head map. Since the brain activity is precisely known, it could be rendered and displayed in a 3-D image. Other methods might include using sub-millimeter or Terahertz wave length RADAR or Earth Gauss MRI/ESR techniques. Incredible that this can all be done with a constellation of spy satellites or ground based phased arrays. In medicine one technique is called computed tomography or CAT scan which use x-rays to obtain image data from different angles around the body and then uses computer processing of the information to show a cross-section of body tissues and organs. X-rays are not used for obvious health reasons by the equivalent RADAR imaging but any or all wavelengths under the visible spectrum can be used to obtain a very good image of a person. The infamous HAARP phased array that stretches across Alaska is capable of Earth penetrating tomography.

...

Memory Probing

One of the more useful aspects of this technology is the ability to probe memories. The EEG heterodyning practice attackers play the same game with all victims. They are able through two techniques to walk the victims back in time to think that they have been linked to the victim since birth. Since the capabilities of remote neural stimulation are nearly identical to electrical probes in the brain, a random neural stimulation will trigger memories. This is not used for targeted memory recall, but rather for finding and recording memory anchors for further investigation.

Those memories are used through synthetic telepathy conversations to make the target remember other connected events. Of course direct vocal interrogation techniques can achieve the same results. Over time, this process is effective to get a complete profile of a person's life. Another tangential method used in connection with interrogations is an injected guilt signal. This forces memory recalls in conjunction with a specific memory anchor. So if you feel guilty about some particular memory, those additional memories will surface. And the last method used in these psychic games is more incredible. While the databases storing mental activity are impressive they still don't have the ability to record every human's brain activity continuously for later parsing. They instead sample activity in time and save it. They only have clips of a particular mind, throughout their life, stored for later review. This cuts down on the 1.4 Terabytes per second collective human geopsyche throughput that would be required. $1.4 \text{ Terabytes} \times 31,536,000 \text{ seconds in a year} = 44,150 \text{ Pentabytes per year}$. The capabilities of computer storage will reach that soon enough for DoD budgets. So reviewing a particular targets brainwave clips, allows them to appear like they have been with the subject of experiment for their entire life through demonstration of knowledge of earlier events.

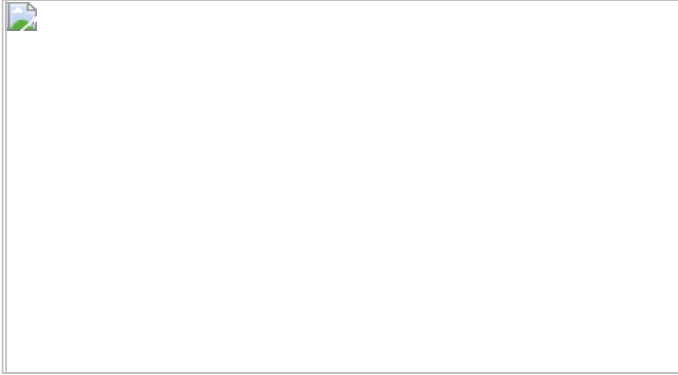
This brings up the topic of criminal law. Think about how we could perfectly convict crimes against other people. In the movie "Minority Report", their society is able to prevent all premeditated violence.

Only crimes of passion continue to be unstoppable. What a shame our government keeps this technology secret for pathetic military and spy uses.

Full Spectrum Information Warfare

Information Operation Roadmap **Part 1**

Brent Jessop - [Knowledge Driven Revolution.com](http://KnowledgeDrivenRevolution.com)
November 5, 2007



When the US military refers to full spectrum domination, they truly mean full spectrum. Information operations or information warfare is a key part of the military battlespace. Recently, a document entitled [Information Operation Roadmap](#) was declassified by the Pentagon because of a Freedom of Information Act request by the National Security Archive at George Washington University. The document [was](#)

[described by](#) the Council on Foreign Relations' website as:

"A 2003 Pentagon document previously classified as 'noFORN' (not for release to foreign nationals, including allies), this report details the US military's information operations, including psychological operations, electronic warfare, and involvement in foreign journalism. The document was made public by the National Security Archive on January 26, 2006."

On Par with Air, Ground, Maritime and Special Operations

The importance of information warfare is clearly laid out in this document.

"Key assumptions. Information, always important in warfare, is now **critical to military success** and will only become more so in the foreseeable future. Three key assumptions underscore the growing importance of information:

- (U) Effectively communicating U.S. Government (USG) capabilities and intentions is an important means of combating the plans of our adversaries. The ability to rapidly disseminate **persuasive information to diverse audiences in order to directly influence their decision-making** is an increasingly powerful means of deterring aggression." [emphasis mine] - 3

The major thrust of the document was that information operations should be centralized under the Office of the Secretary of Defence and made a core military competency.

"Objective: IO [information operations] becomes a core competency. The importance of **dominating the information spectrum** explains the objective of

transforming IO into a core military competency on a par with air, ground, maritime and special operations. The charge to the IO Roadmap oversight panel was to develop as concrete a set of action recommendations as possible to make IO a core competency, which in turn required identifying the essential prerequisites to become a core military competency." [emphasis mine] - 4

Uniformity in Message and Themes

The major reason for centralizing the information operations under a single command was to create consistency between the various segments of the Pentagon's information operations.

"IO requires **coordination** with public affairs and civil military operations to complement the objectives of these related activities and **ensure message consistency.**" [emphasis mine] - 23

"- (U) The USG [US Government] can not execute an effective communication strategy that facilitates military campaigns if **various organs of Government disseminate inconsistent messages** to foreign audiences. Therefore, it is important that policy differences between all USG Departments and Agencies be resolved to the extent that they **shape themes and messages.**

- (U) **All DoD [Department of Defense] information activities, including information operations,** which are conducted at the strategic, operational, and tactical level, should reflect and be **consistent with broader national security policy and strategy objectives.**" [emphasis mine] - 25

"Coordinating information activities. Major DoD "information activities" include public affairs, military support to public diplomacy and PSYOP [psychological operations]. The State Department maintains the lead for public diplomacy, the [half line redacted] and the International Broadcasting Board of Governors maintains the lead for broadcasting USG messages overseas, often with DoD in a supporting role. DoD has consistently maintained that the **information activities of all these agencies must be integrated and coordinated to ensure the promulgation of consistent themes and messages.**" [emphasis mine] - 25

A Trained and Ready Career Force

With the ascension of information operations into a core military competency the document recommended, under the heading "A Trained and Ready Career Force" that the:

"DoD [Department of Defence] requires a cadre of IO professionals capable of planning and executing fully integrated IO in support of Combatant Commanders. An IO career force should be afforded promotion and advancement opportunities commensurate with other warfighting areas and

provided opportunities for advancement to senior executive or flag level rank." - 32

Support

The forward of this document was signed by then Secretary of Defence Donald H. Rumsfeld which contained the following statement of support:

"I approve the Roadmap recommendations and direct the Services, Combatant Commands and DoD Agencies to fully support implementation of this plan." - iv

What Are Information Operations?

This document defined information operations as follows:

"The integrated employment of the core capabilities of Electronic Warfare, Computer Network Operations, Psychological Operations, Military Deception and Operations Security, in concert with specified supporting and related capabilities, to influence, disrupt, corrupt or usurp adversarial human and automated decisions-making while protecting our own." - 22

The following series of articles will examine the Pentagon's intention of gaining full spectrum dominance in information warfare. Including, [dominating the electro-magnetic spectrum](#) and [fighting the internet](#). Also, I will expand on the use of [psychological operations or PSYOP](#) as defined by the *Information Operation Roadmap* and [if any limits exist in information warfare](#).

http://www.knowledgedrivenrevolution.com/Articles/200711/20071105_IOR_1_Thrus

Maximum Control of the Entire Electro-Magnetic Spectrum

Information Operation Roadmap **Part 2**



Brent Jessop - [Knowledge Driven Revolution.com](http://KnowledgeDrivenRevolution.com)
November 12, 2007

In 2003, then
Secretary of
Defence
Donald
Rumsfeld
signed a
document
called the
[Information
Operation
Roadmap](#)
which outlined,

among other things, the Pentagon's desire to
dominate the entire electromagnetic spectrum.



If you are unfamiliar with this document, more detail can be found in a previous
article [here](#).

Dominate

From the *Information Operation Roadmap*:

"We Must Improve Network and Electro-Magnetic Attack Capability. To prevail
in an information-centric fight, it is increasingly important that **our forces
dominate the electromagnetic spectrum with attack capabilities.**" [emphasis
mine] - 6

"Cover the full range of EW [Electronic Warfare] missions and capabilities,
including navigation warfare, offensive counterspace, control of adversary
radio frequency systems that provide location and identification of friend and
foe, etc." - 61

"Provide a future EW capability sufficient to provide **maximum control of the
entire electromagnetic spectrum**, denying, degrading, disrupting, or destroying
the **full spectrum of globally emerging communication systems, sensors, and
weapons systems dependant on the electromagnetic spectrum.**" [emphasis
mine] - 61

"DPG [Defense Planning Guidance] 04 tasked USD(AT&L) [Under Secretary of
Defense for Acquisition, Technology and Logistics], in coordination with the
CJCS [Chairman of the Joint Chiefs of Staff] and Services, to develop
recommendations to transform and extend EW capabilities, ... to detect, locate

and attack the **full spectrum of globally emerging telecommunications equipment, situation awareness sensors and weapons engagement technologies operating within the electromagnetic spectrum.**" [emphasis mine] - 59

Stealthy Platforms Above Your House

"Develop a coherent and comprehensive EW [Electronic Warfare] investment strategy for the architecture that... Pay particular attention to:

- (U) Projecting electronic attack into **denied areas by means of stealthy platforms...** As a matter of priority, accelerates joint development of modular **EW payloads for the Unmanned Combat Aerial Vehicle.**" [emphasis mine] - 62

It is interesting to see the mention of stealthy platforms like unmanned aerial vehicles (UAVs) because they are now patrolling both [the Canadian](#) and [Mexican borders](#) of the United States and will soon be patrolling the [arctic](#). With funding supplied by Homeland Security, US police departments are also using UAVs to spy on the citizens below. A couple of examples are [Sacramento, California](#) and...

"one [North Carolina county](#) is using a UAV equipped with low-light and infrared cameras to keep watch on its citizens. The aircraft has been dispatched to monitor gatherings of motorcycle riders at the Gaston County fairgrounds from just a few hundred feet in the air--close enough to identify faces--and many more uses, such as the aerial detection of marijuana fields, are planned."

The Electronic Battlespace

"The ACTD [Advanced Concept Technology Demonstration] should examine a range of technologies including **a network of unmanned aerial vehicles and miniaturized, scatterable public address systems for satellite rebroadcast in denied areas.** It should also consider various message delivery systems, to include satellite radio and television, cellular phones and other wireless devices and the Internet." [emphasis mine] - 65

"Exploits other transformational EW initiatives, including use of the E-Space Analysis Center to correlate and fuse all available data that creates a **real time electronic battlespace picture.**" [emphasis mine] - 62

How exactly do you create a real time electronic battlespace picture? And where exactly is the battlespace? A very similar statement was made in the Project for a New American Century document *Rebuilding America's Defenses* published in September of 2000 (more about this document [here](#) and [here](#).)

"New classes of sensors - commercial and military; on land, on and under sea, in the air and in space - will be linked together in dense networks that can be rapidly configured and reconfigured to provide future commanders with an

unprecedented understanding of the battlefield." - pg 59

[An article](#) written by Mark Baard from ParallelNormal.com sheds some light on this subject.

"Philadelphia, San Francisco, Houston, and Providence, R.I. are among the cities partnering with private companies and the federal government to set up public broadband internet access. Providence used Homeland Security funds to construct a network for police, which may be made available to the public at a later date..."

"But even if the cities fail to complete their Wi-Fi projects, the military will be able to set up wireless networks within hours, perhaps even faster."

"The DOD [Department of Defense], which is in the middle of joint urban war-games with Homeland Security and Canadian, Israeli and other international forces, is experimenting with Wi-Fi networks it can set up on the fly."

"According to a recent DOD announcement for contractors, soldiers will be able to drop robots, called LANDroids... when they arrive in a city. The robots will then scurry off to position themselves, becoming nodes for a wireless communications network. (Click here to download a PDF of the DOD announcement.)"

"The Wi-Fi antennae dotting the urban landscape will serve not only as communications relays, but as transponders that can pinpoint the exact positions of individual computers and mobile phones - a scenario I described in the Boston Globe last year."

"In other words, where GPS loses site of a device (and its owner), Wi-Fi will pick up the trail."

"The antennae will also relay orders to the brain-chipped masses, members of the British Ministry of Defense and the DOD believe."

Conclusion

My next article will examine the Pentagon's desire to "[fight the net](#)" as outlined in the *Information Operation Roadmap*. Also, I will examine the use of [psychological operations](#) or PSYOP and highlight the [complete lack of limits](#) to the use of all these information operations, be it on domestic American or foreign audiences.

http://www.knowledgedrivenrevolution.com/Articles/200711/20071112_IOR_2_EW.h

"We Must Fight the Net"

Information Operation Roadmap **Part 3**

November 19, 2007



The Pentagon's [Information Operations Roadmap](#) is blunt about the fact that an internet, with the potential for free speech, is in direct opposition to their goals. The internet needs to be dealt with as if it were an enemy "weapons system".



The 2003 Pentagon document entitled the *Information Operation Roadmap* was released to the public after a Freedom of Information Request by the National Security Archive at George Washington University in 2006. A detailed explanation of the major thrust of this document and the significance of information operations or information warfare was described by me [here](#).

Computer Network Attack

From the *Information Operation Roadmap*:

"When implemented the recommendations of this report will effectively jumpstart a rapid improvement of CNA [Computer Network Attack] capability." - 7

"Enhanced IO [information operations] capabilities for the warfighter, including: ... A robust **offensive suite of capabilities to include full-range electronic and computer network attack...**" [emphasis mine] - 7

Would the Pentagon use its computer network attack capabilities on the Internet?

Fighting the Net

"We Must Fight the Net. DoD [Department of Defense] is building an information-centric force. Networks are increasingly the operational center of gravity, and **the Department must be prepared to "fight the net."**" [emphasis mine] - 6

"DoD's "Defense in Depth" strategy should operate on the premise that **the**

Department will "fight the net" as it would a weapons system." [emphasis mine] - 13

It should come as no surprise that the Pentagon would aggressively attack the "information highway" in their attempt to achieve dominance in information warfare. Donald Rumsfeld's involvement in the Project for a New American Century sheds more light on the need and desire to control information.

PNAC Dominating Cyberspace

The Project for a New American Century (PNAC) was founded in 1997 with many members that later became the nucleus of the George W. Bush administration. [The list](#) includes: Jeb Bush, Dick Cheney, I. Lewis Libby, Donald Rumsfeld, and Paul Wolfowitz among many other powerful but less well know names. Their [stated purpose](#) was to use a hugely expanded U.S. military to project "American global leadership." In September of 2000, PNAC published a now infamous document entitled *Rebuilding America's Defences*. This document has a very similar theme as the Pentagon's *Information Operations Roadmap* which was signed by then Secretary of Defense Donald Rumsfeld.

From *Rebuilding America's Defenses*:

"It is now commonly understood that **information** and other new technologies... are creating a dynamic that **may threaten America's ability to exercise its dominant military power.**" [emphasis mine] - 4

"Control of space and cyberspace. Much as control of the high seas - and the protection of international commerce - defined global powers in the past, so will control of the new "international commons" be a key to world power in the future. An America incapable of protecting its interests or that of its allies in space or the "**infosphere**" will find it difficult to exert global political leadership." [emphasis mine] - 51

"Although it may take several decades for the process of transformation to unfold, in time, the art of warfare on air, land, and sea will be vastly different than it is today, and "combat" likely will take place in new dimensions: in space, "**cyber-space**," and perhaps the world of microbes." [emphasis mine] - 60

For more on *Rebuilding America's Defences* read [this](#).

Internet 2

Part of the *Information Operation Roadmap*'s plans for the internet are to "ensure the graceful degradation of the network rather than its collapse." (pg 45) This is presented in "defensive" terms, but presumably, it is as exclusively defensive as the Department of Defense.

As far as the Pentagon is concerned the internet is not all bad, after all, it was the Department of Defense through DARPA that [gave us the internet](#) in the first place. The internet is useful not only as a business tool but also is excellent for monitoring and tracking users, acclimatizing people to a virtual world, and developing detailed psychological profiles of every user, among many other Pentagon positives. But, one problem with the current internet is the potential for the dissemination of ideas and information not consistent with US government themes and messages, commonly known as free speech. Naturally, since the plan was to completely dominate the "infosphere," the internet would have to be adjusted or replaced with an upgraded and even more Pentagon friendly successor.

In [an article](#) by Paul Joseph Watson of [Prison Planet.com](#), he describes the emergence of Internet 2.

"The development of "Internet 2" is also designed to create an online caste system whereby the old Internet hubs would be allowed to break down and die, forcing people to use the new taxable, censored and regulated world wide web. If you're struggling to comprehend exactly what the Internet will look like in five years unless we resist this, just look at China and their latest efforts to completely eliminate dissent and anonymity on the web."

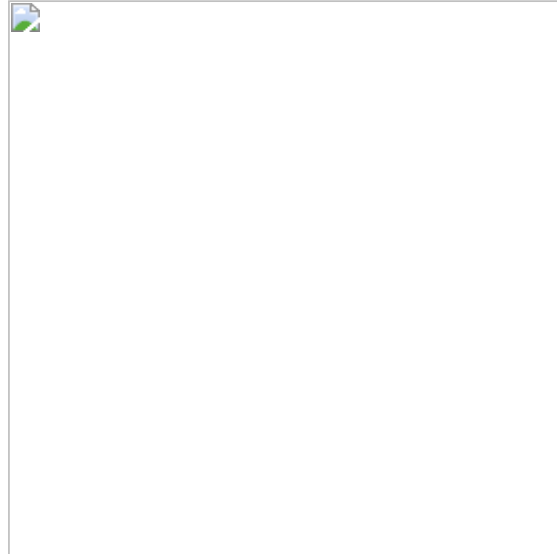
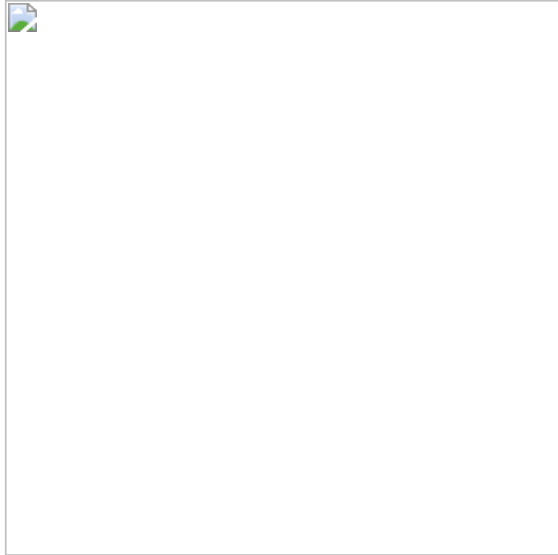
Conclusion

The next article will examine the Pentagon's use of [psychological operations or PSYOP](#) and the final article in this series will examine whether or not there are any [limits to using information operations](#) on the American public or foreign audiences.

http://www.knowledgedrivenrevolution.com/Articles/200711/20071119_IOR_3_Fight

Information Warfare Using Aggressive Psychological Operations Information Operation Roadmap **Part 4**

*Brent Jessop - [Knowledge Driven Revolution.com](http://www.knowledgedrivenrevolution.com)
November 26, 2007*



psychological operations or PSYOP in the global information environment of the 21st century are wide ranging and aggressive. These desires are outlined in the 2003 Pentagon document signed by Donald Rumsfeld in his capacity as the Secretary of Defense called the [*Information Operation Roadmap*](#).

More detail about the origins and purpose of this document can be read in the first part of this series [here](#). Also, a description of the Pentagon's desire to [dominate the entire electro-magnetic spectrum](#) and their need to "[fight the net](#)" as outline in the *Information Operation Roadmap* were previously described.

What is a PSYOP?

A PSYOP is not specifically defined in this document but it does provide some insight into the wide ranging activities that are considered PSYOP.

"The customary position was that "public affairs informs, while public diplomacy and **PSYOP influence**." PSYOP also has been perceived as the most aggressive of the three information activities, **using diverse means, including psychological manipulation and personal threats.**" [emphasis mine] - 26

"One result of public affairs and civil military operations is greater support for military endeavors and thus, conversely these activities **can help discourage**

and dissuade enemies, which PSYOP does more directly with its own tactics, techniques and procedures." [emphasis mine] - 10

"PSYOP messages disseminated to any audience except **individual decision-makers** (and perhaps even then) will often be replayed by the news media for much larger audiences, including the American public." [emphasis mine] - 26

"A PSYOP force ready to conduct **sophisticated target-audience analysis and modify behaviour with multi-media PSYOP campaigns featuring commercial-quality products that can be rapidly disseminated** throughout the Combatant Commanders area of operations." [emphasis mine] - 63

"PSYOP products must be based on **in-depth knowledge of the audience's decision-making processes** and the factors influencing his decisions, **produced rapidly at the highest quality standards, and powerfully disseminated directly to targeted audiences** throughout the area of operations." [emphasis mine] - 6

"Better depiction of the **attitudes, perceptions and decision-making processes** of an adversary. Understanding how and why adversaries make decisions will require improvements in **Human Intelligence (HUMINT) and open source exploitation**, as well as improved analytic tools and methods." [emphasis mine] - 39

"SOCOM [Special Operations Command] should create a Joint PSYOP Support Element to coordinate Combatant Command programs and products with the Joint Staff and OSD [Office of the Secretary of Defense] to provide **rapidly produced, commercial-quality PSYOP product prototypes consistent with overall U.S. Government themes and messages.**" [emphasis mine] - 15

"SOCOM's ongoing PSYOP Advanced Concept Technology Demonstration and modernization efforts should permit the **timely, long-range dissemination of products** with various PSYOP delivery systems. This includes **satellite, radio and television, cellular phones and other wireless devices, the Internet** and upgrades to traditional delivery systems such as **leaflets and loudspeakers** that are highly responsive to maneuver commanders." [emphasis mine] - 15

"PSYOP equipment capabilities require 21st Century technology. This modernization would permit the long-range dissemination of PSYOP messages via new information venues such as **satellites, the Internet, personal digital assistants and cell phones:**

- (U) PSYOP ACTD. Commencing in FY04, SOCOM [Special Operations Command] initiates an Advanced Concept Technology Demonstration (ACTD)

to address dissemination of PSYOP products into denied areas. The ACTD should examine a range of technologies including **a network of unmanned aerial vehicles and miniaturized, scatterable public address systems for satellite rebroadcast in denied areas**. It should also consider various message delivery systems, to include **satellite radio and television, cellular phones and other wireless devices and the Internet**." [emphasis mine] - 65

"Rapid, fully integrated nodal and network analysis providing Combatant Commanders with **holistic kinetic and non-kinetic solutions** for a full range of electromagnetic, physical and human IO [information operations] targets." [emphasis mine] - 39

"Capabilities such as physical security, information assurance, **counter intelligence and physical attack** make important contributions to effective IO." [emphasis mine] - 23

Third Party PSYOP

The Pentagon is also willing to use third parties for their PSYOP.

"**Identify and disseminate the views of third party advocates** that support U.S. positions. These sources may not articulate the U.S. position the way that the USG [US Government] would, but that may nonetheless have a positive influence." [emphasis mine] - 27

Under recommendation number 48 - "Create a Joint PSYOP Support Element" - is the following:

"**Contract for commercial sources** for enhanced product development." [emphasis mine] - 64

The use of third party advocates or front groups for the dissemination of US government propaganda is well documented. A couple of recent examples include the illegal payment of [\\$1.6 billion for domestic fake news](#) and [similar activities in Iraq](#) using the Lincoln Group among others.

Virtual PSYOP

Not only is the Pentagon exploiting new and old technology for aggressive behavior modification, they can also practice and refine their techniques in a virtual simulation of the entire world.

From [an article](#) by Mark Baard:

"U.S defense, intel and homeland security officials are constructing a parallel world, on a computer, which the agencies will use to test propaganda messages and military strategies."

"Called the Sentient World Simulation, the program uses AI routines based upon the psychological theories of Marty Seligman, among others. (Seligman introduced the theory of "learned helplessness" in the 1960s, after shocking beagles until they cowered, urinating, on the bottom of their cages.)"

"Yank a country's water supply. Stage a military coup. SWS will tell you what happens next."

"The sim will feature an AR avatar for each person in the real world, based upon data collected about us from government records and the internet."

How useful do you think your new MySpace or Facebook account is in helping the Pentagon develop a detailed psychological profile of you? Do you think they would be shy in exploiting such a valuable source of personal data?

AIDS Awareness

PSYOP in the past, however, often was used to support U.S. Government public diplomacy and information objectives with non-adversarial audiences. These actions include counter-drug, demining and **AIDS awareness programs** in friendly countries." [emphasis mine] - 25

It is a minor point in the context of this document, but it is worth reflecting on why US military PSYOP were used for AIDS awareness.

Are There Any Limits to Information Warfare?

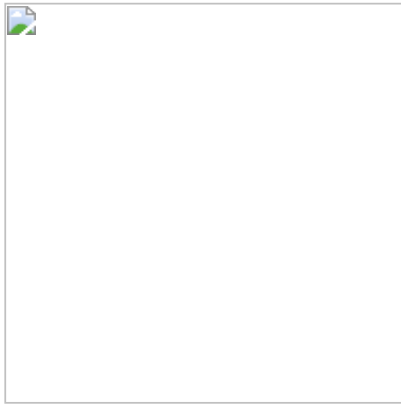
An obvious question arises from the description of PSYOP described by the *Information Operation Roadmap*, are there any limits? Can PSYOP be conducted on the American public or just foreign audiences? On adversaries or non-adversaries? Can they be performed during peacetime? [My next article](#) will attempt to show just how few limits there actually are.

http://www.knowledgedrivenrevolution.com/Articles/200711/20071126_IOR_4_PSYC

Information Warfare Without Limits

Information Operation Roadmap Part 5

Brent Jessop - [Knowledge Driven Revolution.com](http://www.knowledgedrivenrevolution.com)
December 3, 2007



The 2003 Pentagon document entitled [Information Operation Roadmap](#) describes the need to [dominate the entire electromagnetic spectrum](#), ['fight the net'](#), and use [psychological operations to aggressively modify behaviour](#). But one major question remains; are there any limits to information warfare?

If you are unfamiliar with the *Information Operation Roadmap* please read a [previous article](#) I wrote describing the major thrust of this document.

PSYOP, Public Diplomacy and Public Affairs

From the *Information Operation Roadmap*:

"In the past some basic similarities and dissimilarities between PSYOP [psychological operations], support to public diplomacy and public affairs generally have been accepted. Historically all three used **truth to bolster credibility**, and all three addressed **foreign audiences, both adversary and non-adversaries**. Only public affairs addressed **domestic audiences**. In addition, all three activities sought a positive impact for USG [US Government] interests, but with some differences in the methods employed and objectives sought. The customary position was that "**public affairs informs, while public diplomacy and PSYOP influence**." **PSYOP also has been perceived as the most aggressive of the three information activities**, using diverse means, including psychological manipulation and personal threats." [emphasis mine] - 26

There is a lot happening in this paragraph, first, there is the almost humorous statement; "truth to bolster credibility". Does anyone remember WMDs, Saddam and 9/11, maybe some uranium from Niger? Do you believe these examples of public affairs were to inform or influence?

Secondly, "USG interests" are by no means the same as the interests of the average American. Thirdly, the concept that only public affairs is being addressed to domestic audiences, is simply absurd given the ability of information to pass across borders. This document even admits as much:

"Impact of the global village. The increasing ability of people in most parts of the globe to **access international sources makes targeting particular audiences more difficult**. Today **the distinction between foreign and domestic audiences becomes more a question of USG [US Government] intent rather than information dissemination practices**:

PSYOP is restricted by both DoD [Department of Defense] policy and executive order from targeting American audiences, our military personnel and news agencies or outlets... However, **information intended for foreign audiences**,

including public diplomacy and PSYOP, increasingly is consumed by our domestic audience and vice-versa... PSYOP messages disseminated to any audience except individual decision-makers (and perhaps even then) **will often be replayed by the news media for much larger audiences, including the American public.**" [emphasis mine] - 26

So there you have it, "the distinction between foreign and domestic audiences becomes more a question of US government intent rather than information dissemination practices". Therefore, the American public is fair game for all forms of US government propaganda, be it, public affairs, public diplomacy or PSYOP. Remember, PSYOP use "diverse means, including psychological manipulation and personal threats" among [many other things](#).

It should also be highlighted that PSYOP are only **restricted** not **prohibited** from being used on the American public. If that loophole is not large enough, the distinctions between the tactics of public affairs, public diplomacy and PSYOP are elaborated in Appendix C of the *Information Operation Roadmap*. The very last task listed for PSYOP is: "when called upon, support to local public affairs activities".

Appendix C of this document is well worth the one page read ([pg 71](#)). Some other highlight include:

Public Affairs:

"Rapid Response/Truth Squads and "Briefings Plus" "

"Humanitarian road shows"

"Media embeds"

"Combat Camera products on events not accessible to news media"

Public Diplomacy:

"Content of speeches or OP/ED pieces by senior DoD [Department of Defense] officials to foreign audiences"

"Talking points for private exchanges with foreign leaders"

"Overt dissemination of USG [US Government] policy. e.g. Asia-Pacific Forum"

PSYOP:

"Radio/TV/Print/Web media designed to directly modify behaviour and distributed in theatre supporting military endeavors in semi or non-permissive environments"

"When called upon, support to theatre public diplomacy"

"DoD advisors to assist friendly forces in developing PSYOP programs"

Changing Definitions

Definitions are another great tool if you are trying to deceive. As described above the definitions of and distinction between public affair, public diplomacy and PSYOP are left intentionally vague. Lawyers make a living out of this type of deception and their

hands are all over this document.

"PSYOP **should** focus on support to military endeavors (exercises, deployments and operations) in non-permissive or semi-permissive environments (i.e. when adversaries are part of the equation).

- (U) However, PSYOP forces and capabilities may be employed to support U.S. public diplomacy as part of approved theatre security cooperation guideline. In this case PSYOP personnel and equipment are not conducting a PSYOP mission, but rather are providing military support to public diplomacy."
[emphasis mine] - 27

Get that? If PSYOP forces and equipment are used in support of military endeavours, it is a PSYOP mission. If PSYOP forces and equipment are used in support of public diplomacy, it is public diplomacy.

A Quick Recap

A close read of the above quotes reveal that information operations, specifically PSYOP, can be used on both domestic and foreign audiences, in non-permissive or semi-permissive environments, and on adversary and non-adversary. Are there any other limits?

Peace, Crisis and War

"The Department's concept of IO [information operations] should emphasize **full spectrum IO** that makes a potent contribution to effects based operations across the **full range of military operations during peace, crisis and war**.
[emphasis mine]" - 7

"Peacetime preparation. The Department's IO concept should **emphasize that full-spectrum information operations are full-time operations requiring extensive preparations in peacetime... Well before crises develop**, the IO battlespace should be prepared through intelligence, surveillance and reconnaissance and extensive planning activities... Similarly, considerable effort should be made to characterize potential adversary audiences, and particularly senior decision-makers and decision-making processes and priorities. If such human factors analysis is not conducted **well in advance of the conflict**, it will not be possible to craft PSYOP themes and messages that will be effective in modifying adversary behaviour" [emphasis mine] - 8

"Clear, unambiguous and streamlined DoD [Department of Defense] oversight and policy that empowers Combatant Commanders to execute **full spectrum IO before, during and after combat operations**." [emphasis mine] - 20

Denied Areas

"Improvements in PSYOP capability are required to rapidly generate audience specific, commercial-quality products into **denied areas**." [emphasis mine] - 26

"Projecting electronic attack into **denied areas by means of stealthy platforms**." [emphasis mine] - 62

Conclusion

Does the Pentagon define any real limits to information warfare? Information operations can be used on both domestic and foreign audiences, in non-permissive or semi-permissive environments, on adversary and non-adversary, during peace, crisis and war, and in denied areas. Should we really expect anything less? They did tell us that their goal was full spectrum dominance.

http://www.knowledgedrivenrevolution.com/Articles/200712/20071203_IOR_5_Limit

From <http://www.globalresearch.ca/index.php?context=va&aid=7637>

Remote Interrogations, Remote Renditions

Silent Warfare, Torture, Interrogation, Brainwashing, and Eugenics

* This list was created from the 4th Infantry Division torture manual provided by the ACLU, CIA interrogation and counter resistance manuals, FBI human behavior and stress induction documents, and hundreds of interviews from Americans put through various torture and brainwashing projects. Their average life expectancy is 12 years from the start of the torture and extermination programs according to this survey which tracked 650 Americans.

** Number in survey who had this category of torture done to them is based on a sample size of 250 people in the US/UK/Canada. Current estimates say there are 10,000 people worldwide being tortured by the US programs who have nothing to do with any war that they are aware of.

These programs are vast and range from the study of deception for inducing cognitive errors in all the senses while combining the weapons capability known to be operated by C3. It is beyond the scope of this section to show how these other capabilities are used in conjunction with the neurological and psychological techniques. But it should be mentioned that the system combines the ability to overpower radio, cellular, and television reception (communication warfare), disrupt car engines, airplane instrumentation, computers, and other electronics (electronic warfare), and alter human thinking (signal intelligence, directed energy neurological warfare) in addition to hacking computers.

These techniques and technologies combine for use in brainwashing, remote interrogations, secret remote renditions, mind control, silent warfare and eugenics programs. The group that composed this study were part of discriminant function

analysis which gathered data on which techniques and factors worked best for the desired outcome. This is why every target received variations of the tortures and brainwashing methods.

Torture techniques listed for Abu Ghraib detainees and the secret prisons

Torture Action	Purpose
Starvation / bad nutrition	Standard for all torture camps. Creates weakness and breaks down the will.
Insulin shock	Commonly used in psychiatric experiment hospitals for various mental illnesses™. Cameron used it in conjunction with LSD and electroshock for brainwashing.
Drug driving “sodium pentothal, lsd, pcg, bz, amphetamines , etc.	Depatterning, confusion, and discrediting. Opens the mind up to hypnosis and subliminal programming. Charlie Manson used LSD

The equivalent neurological, directed energy method (remote renditions) used on thousands of Americans

Equivalent Torture	Number in sample 250
#	
Starvation and bad nutrition is accomplished in many ways. Appetite control is just another brain pathway that can be disrupted and while the target is painfully attacked and in flight and fight mode will forget to eat for days. Unlike physical detainees, bad nutrition can include overeating. Overeating while unhealthy is meant to lower energy and self esteem but far less effective than malnutrition methods.	143
There were only 7 insulin dependent diabetics in the sample group. So only those 7 could be tricked into inducing insulin shock therapy to themselves which used to be popular in the days of psychiatric hospitals to cause memory erasure, brain damage, and repatterning thought processes. John Nash (A Beautiful Mind), was put through insulin shock to cure his memories of working for the NSA for example.	7
When including alcohol, smoking addictions picked up while being tortured the number is much higher. In order to administer high doses of amphetamines the targets must be conditioned or driven	*15 139

	brainwashing to create his notorious cult. CIA has moved to much more sophisticated drug regimes.	by pain/pleasure. The psychological scripts are clever and complex but have a good success rate to induce the target to administer high doses of the desired drugs of choice to themselves over time.	
Sleep deprivation	Break down will. Loss of memory of events. Physical and psychological pain increases.	Often called "artificial caffeine". Not allowing the brain to reach REM brain rhythms and forcing it into constant Beta dominant rhythms creates this mental defect.	250
Too much sleep	Causes disablement and symptoms like chronic fatigue. Used for depatterning and brainwashing. Used for drug driving to compensate. Used for discrediting and loss of work ability.	LIDA machine was the first demonstration to the public. Sleep induction is part of Cameron's™s torture and depatterning process.	239
Poke / burn / punch, sharp burning stings	Typical "work them over" tactics. Cigarette burns, punches to the stomach or face and even simple flicking in the back of head to keep them awake.	Like Chinese water torture, even a mild annoyance like being poked or stung over many repetitions becomes a huge torture in time. The program which conducts this part of the torture sequence is called "Voodoo doll". This is because it causes the target brain to feel these random pricks, stings, punches, burns, etc. all wirelessly.	250
Choking / gagging " darth vader grip	Similar to water boarding this is considered a strong pressure point for torture.	This can be done in two ways. Every sensation can be recorded and replayed into a brain. But if a real "EEG cloner" is connected at the other side, they actually must choke themselves so that the sensation is cloned to the rendition target.	197
Muscle fatigue inducement	Listed as a torture method but it is not clear what psychological effect this is suppose to have.	Cramping. Weakness. Clever scripts are used to get the human rats to run around trying to find relief from the "invisible torture rays". The trick is to make the target believe that the directed energy	85

		direction keeps changing and that they need to block it somehow by continuously moving.	
Electric shocks	High voltage used across sensitive body parts.	Same sensation created by neurological jolts to the person. They will jerk violently. Additionally a sensation of â€œbeing microwavedâ€™™ or â€œelectrocutedâ€™ has been described by almost every subject.	213
Isolation / Stimulus deprivation	Very important method. Humans need stimulus or interaction to maintain their sanity and reality. Many detainees will falsely confess just to have human interaction and be listened to. It also improves hypnosis and brainwashing effects.	In remote renditions, the subject must be tricked into isolating themselves. This is done through â€œirrational behavior in publicâ€™ according to 1953 CIA documents. Add depression and negative personality cloned traits onto the target such as excessive paranoia and aggression, family, friends, and their social support network will dissolve. The internet and email has made this tactic more difficult. In addition, the target is either held captive in their home by a pain field that is induced if they leave a set GPS coordinate or the reverse where they will be placed into pain if they do not keep moving.	250
White noise exposure â€œ both auditory, visual, and brain noise. Light and sound over-stimulation	Cameron also used loud noise as a torture method. Used by ATF in the WACO incident. It creates panic and confusion. In â€œclock work orangeâ€™ like conditioning, neural linguistic programming techniques are used repetitively.	In remote renditions, visual images can be projected into the mind of the target. Targets often report lights appearing brighter than usual, visual white noise, auditory white noise, auditory tinnitus, melodic tinnitus, and â€œnoise campaignsâ€™. With remote neural renditions, additional capabilities are used that include â€œneural noiseâ€™, literally adding depatterning noise into the entire brain signaling structure over time.	35
Verbal abuse	Typical break down techniques. Includes scripts tailored to the	Neural audio cortex mapping, silent sound, and other techniques project language	121

	individual's values like desecration of their religious beliefs.	into the minds of the target. The negative audio scripts are often done by AI programs with a limited vocabulary but more capable of repetition. Some have reported that during the "rebuild" of the brainwashing process "positive" verbal reinforcement grammars are used.	
Continuous Stress	Threats such as "we will kill your entire family" and "we are hurting your children" or "we are irradiating you to sterilization" are pretty common.	Continuous stress is documented as brainwashing techniques and to make targets make quick irrational decisions based on suggestion are used. Be it stalking to initiate the cycle of paranoia, to break-ins, and other petty crimes, stress is maintained.	167
Gun Shots / dogs	Gun shots often are supposed to graze the target but sometimes accidentally kill them. Dogs are more commonly used to bark and bite detainees.	Images of violence and demonic beasts and ghosts scare pretty well over dogs. Gun shots are simulated with a script called "sonic bullets". The script works by focusing the target on creaking and tapping noises on their house while convincing them they are sonic bullets that have just missed. Then the cloner attacker taps themselves on the head or chest and those sensations are felt by the target. Once they believe they were hit by invisible sonic bullets, a pain and confusion sequence plays to resemble the pain one would expect from a gun shot to that part of the body.	43
Pressure point manipulation "head, heart, eyes, ear drums, groin, throat, feet, teeth"	These are considered the best pain sensitive areas that the human fears to be injured.	Disabling migraines, heart palpitations and arrhythmias, "kick in the balls", rape simulation, choking, eye pain, ear pain, vibration in the feet, teeth pain are all common practice. This list goes on for pages producing the same effects as physical injury torture.	250
Hot / cold conditions	Put detainee on wet	Hot and cold flashes can be	55

	<p>cold floor or in a box in the sun called the â€œovenâ€.</p>	<p>induced. During the early testing of the weapon, hypo/hyperthermia were induced. Some of the sensations are just cloned sensory signals but stimulation of vasoconstriction pathways are quite real causing a skin temperature drop.</p>	
<p>Blows to the head â€“ simulated with flashing stars, confusion. Severe headaches.</p>	<p>In the Armyâ€™s torture/interrogation manual it calls this â€œa thick book slap in the headâ€ or a â€œclosed fist hitâ€.</p>	<p>This is reproduced with neurological torture weapons by a combination of sensory signals. Teeth pain, head ache, subliminal suggestion that the target was just hit in the head, confusion, and topped off with â€œseeing starsâ€ in their mindâ€™s eye.</p>	148
<p>Closed fist blows / jaw clacking shut / teeth hypersensitivity and pain</p>	<p>Pulling out fingernails and teeth were a popular torture method in medieval ages.</p>	<p>Targets of US torture often underestimate the power of psychological scripts. 59 cases were reported that this trickery was done to them in the study but only 2 actually fell for it. The cognitive decision model for self mutilation works this way. They are told or find this information on the internet that CIA tooth implants are in them. The torture will stop if they pull out all their teeth. Other mouth trauma is created by inducing a spastic jaw clacking that bites the tongue amongst other tortures.</p>	89
<p>Suffocation water boarding</p>	<p>Drowning and burning to death are the worst nightmares of humans.</p>	<p>In this study of remote torture and renditions, the subjects were never â€œinterrogatedâ€ with questions so it is difficult to understand why the equivalent methods were used on them except for practice. However in some torture manuals, they state that a spy will simply confess all they know even if they arenâ€™t asked any questions to try to stop the torture. Perhaps that was the idea. The feeling of suffocation is achieved by several methods. The most</p>	67

		<p>reported method involves stopping the breathing pattern just as the brain is transitioning from alpha to delta dominant brain waves (while falling asleep). For weeks on end the target is “too afraid to fall asleep” because they keep waking up gasping for breath. The other method is similar to the “Darth Vader choking grip”. The EEG cloner simply holds their breath and the target experiences the same suffocation even though their body is really getting enough oxygen.</p>	
Vertigo, nausea, induced illness	<p>The CIA called these techniques, “Malingering ailments” in their torture documents. Drugs that induce vomiting or spinning around in a chair are physical methods. Disorients and breaks down the subject.</p>	<p><u>The CIA documents also say</u> that it will help isolate the target by not giving them a means to earn a living through chronic fatigue, sense of sickness, and depression. All these are easily induced by brain entrainments into the target.</p>	179
Constant surveillance. No privacy.	Break down.		250
Rape, nudity, humiliation tactics	Break down of identity and self esteem.	<p>Rape is mimicked by arousal stimuli while talking to the subject. The CIA used to use “shock pants” on female mind control slaves in the early days. Lots of variations on these techniques.</p>	223
Hypnosis, suggestion, repetition, violent and disturbing imagery	Used for brainwashing programs. Disturbing imagery used for breakdown and to desensitize to violence for program assassins.	<p>Hypnosis as a weapon, brain imprinting, psychic driving, neural linguistic programming, image association and conditioning techniques. Everything is done wirelessly now.</p>	244
Behavioral conditioning “emotional associations to create trigger points, phobias,	This is the most studied area of brainwashing in the military and CIA.	<p>The human mind seeks correlations. This is how it understands the world. Creating false correlations conditions many emotional events. This is particularly</p>	198

hypersensitivities, aggression, etc.		interesting in creating mental illnesses but also trigger words or events for programmed assassins and the like. Programmed assassins are good for plausible denial in the media and allow another level of indirection for murders and assassinations to control political events. The subject â€œwill be disposed of by local authoritiesâ€ according to the CIA documents with no questions asked due to their mental health records.	
Depatterning, regression	Cameronâ€™s technique of brainwashing. Massive drugs, torture, electroshock until the mind is erased. An adult can be erased back to the state of a child with no memory of their past life if they survive the process.	<u>Not as effective as the physical</u> equivalent since electroshock actually alters the brains wiring and chemistry suddenly. The wireless methods require longer duration and have a lower probability of success. Regression is useful in interrogations and cognitively modeling the individual. Cloned child like behaviors and vocal interactions help hypnotize the target back into their past. One of the interrogation practices is to walk the target back in time by tricking them into believing that they have been monitored all their life so that they keep divulging more information.	215
Erratic Time progression / confusion	Sleep deprivation, no sunlight, drugs, false newspaper dates, etc. create a skewed sense of time progression. Useful in tricking a guilty subject into confessing plots before they happen.	Zombification and hypnosis can cause the subject to lose large amounts of time. Over excitation will cause the subject to experience a lot in a short amount of time making it â€œfeelâ€ like a large amount of time has gone by. The biological clock and circadian rhythms can be manipulated.	233
Good captor / bad captor / Stockholm syndrome induction	Well understood psychological methods.	The trickery is done in the same way with remote renditions. The target while confused is allowed to overhear a fight between one or more of their psychic captures. This is used for trust	86

		<p>issues. This is even more effective in directed energy neurological weaponry because the belief of the information can be monitored in real time using special brain signatures.</p> <p>In addition, voice transformation from sampled voices work perfectly for throwing voices like a ventriloquist through walls and while people have their backs turned. Much more evaluation and manipulation of relationships can be achieved using this method. While this sounds like it wouldn't work, the target is dazed and confused by this new experience and believes that these scripts couldn't be this well planned and practiced by seeming idiots played by the interrogators. They are quite convincing to most subjects.</p>	
Alien presence / God presence	A few of the methods are funny or pleasurable but still disorienting. These can not easily be done with physical interrogation methods except with mescaline and LSD.	<p>Feeling of space and time warping and/or God absorbing ones essence or talking to the subject can be induced into targets. It is such an artificial and unusual experience that there is no easy way to find common analogies to it.</p> <p>Stimulation of the "œspiritual" circuitry of the brain using magnetic fields has simulated this in civilian labs. False identification and over-amplification of importance of coincidences tricks the target that "œmiracles" are being performed.</p>	169

Other kinds of psychological deception:

Make the target feel special like they are "œThe One"œ, have

special psychic powers, or a superhero, etc. This makes the person let down their guard while they are tortured, experimented on, then killed. It is like the movie “I come in peace” where the alien says that line before killing everyone he meets. Or the x-files episode where the giant mushrooms, as they are dissolving Mulder and Scully, make them believe they are living happy lives somewhere in delusion land. Every deceptive cognitive and psychological warfare technique is used for advantage.

In physical interrogations or brainwashing this serves the purpose of another form of “currency” and trust. If the interrogators make a deal because the victim is “so valuable”, they should take it. In reality, they are lobotomized and/or killed afterward if they take it or falsely confess to something.

“Religion is the opium of the masses” – Karl Marx. Placebo belief systems can also be used instead of morphine to numb the masses or person to logical thinking. It pacifies the enemy’s mind and lets them become more easily defeated as they give up their will to fight, in false hope that a divine power will rectify it all someday.

Extra torture methods for physical renditions

- Visible blood from injuries can induce more fear.
- Shackling and confinement easier
- Visual cues of both the detainee and torturer useful
- Physical information cue misdirections more convincing like a newspaper predated for example.

Extra torture and interrogation methods for neurological remote renditions

- Interrogations have many more methods using neurological renditions. The target is forced to fill in the blank sentence completion. If that doesn't work, they use an exhausted probabilistic sentence completion while evaluating stress/truth feedback signals. They use bazaar rhyming games to see what is on the mind, and ambiguous blots and sounds in both an auditory like sense, visual, and even text formats. But the difference is that the images and sounds are changing slightly until the mind locks on and drives the perception to a recognition event much like how safe crackers work.
- Dream probing and sleep interrogation is effective because the target mind lets down their guard. Useful in both brainwashing and interrogation, inducing various dream sequences allows the "recognition circuitry" to see if any of the events look familiar and how much stress the images and mental movies create.
- cognitive containment. Obsessive compulsion. Every mental illness can be temporarily simulated, or permanently induced.
- Many sensory pains that have no equivalent in physical torture can be induced.
- Often called remote schizophrenia and remote lobotomies. To cover up the rendition, the target can be permanently lobotomized without physical evidence.

- Since the body can be kept alive longer while inducing maximal pain and suffering, it can be more effective over time for brainwashing and creating programmed assassins, terrorists, and spree killers.
- Thousands of tortures stored in a database can be replayed over and over again.
- Vasoconstriction, "dopamine dumps", adrenal runaway stress tactics are more easily achieved.
- Heart attack scenarios can be induced without too much risk from electroshock.
- Truth detection better. Built in polygraph and brain printing of sorts.
- Secret renditions easier. Can be done anywhere on earth in plain view of public.
- Every electrical function in the body can be tampered with including autonomic and sympathetic nervous system functions
- Easier to use the interrogation method of walking back in time to their past by memory recall, association, then erasing memory of recall and pretending that they knew those facts all along.
- More effective at memory tampering.
- Plausible denial that torture/brainwashing/and murder was ever performed is the #1 benefit of this method

Cover-up methods

- Duration of torture
- % falsely imprisoned or committed = 30%
- % killed in first year of torture by suicides, heart attacks, strokes, complications, car accidents, violent act, etc. = 5%
- Death to look like from natural causes. Accelerated aging risk factors.
- Drive crazy. Induce mental diseases from stress.
- Falsify reports / lie to public / create mythologies and mental illnesses / standard discrediting tactics of lowering authority and believability levels of individuals over time
- Chronic fatigue / depression / suicide / PTSD
- False confessions “ brain washing, forced speech, reprogramming memory
- Permanent disablement “ organ damage, psychological damage, or continuous information damage to the mind (constant scrambling / mind viruses)
- Pre-torture setup “ (setting the stage) - silent mode prior to wireless rendition. Taken from CIA documents “ make act irrationally in public, induce paranoia. Influence sleep patterns and start destructive behavior conditioning before overt torture.

slave) and that to cough, laugh or urinate without being granted permission to do so is a sin and a direct act of defiance, punishable through death.

3. *Enforcing morality and conformity.* Using a mixture of positive and negative reinforcement, the subject is rewarded minor praise and gifts for his efforts when his behaviour is deemed acceptable. This means extra recreation time, larger food rations, a clean shower and the acquirement of items like books, pens and paper. In the case of negative reinforcement, the subject is beaten, verbally abused, sexually harassed and tortured using a wide range of arcane instruments. The subject lives by the perpetrator's rules without questioning them and does what he is told. Out of genuine necessity the subject sees conformity as a means to survival.

Sleep Deprivation

Sleep deprivation arises when captives are denied sleep for two days or more, thereby stifling the nervous system's ability to function to optimal performance. The manifestations of prolonged sleep deprivation produce, in human subjects, loss of balance, hallucinations, slurred speech, heightened confusion, exhaustion, disorientation, constant irritability and forgetfulness. British agents involved in the interrogation of suspects rely heavily on this method as it makes the extraction of information from prisoners easier.

Torture Techniques

Torture basically incorporates any act used to cause pain and suffering of a captive with the intent of orchestrating severe punishment, obtaining a confession, coercing individuals to take on a given viewpoint or enforcing behaviour modification. Torture is an ancient technique often favoured for its aid in interrogations. Usually the inflictions made on an individual result in bruises, weeping wounds or breakages to the skeleton. MCs, for obvious reasons, felt that prisoners of war could effectively be coerced into disclosing intelligence information through fear for their lives. The torture of enemy troops has always been deemed beneficial because even the smallest details of information can turn a war around and gain the captor a substantial

advantage. Strategies utilised included the following.

1. *Stretching*. Parts of the body are pulled and strained beyond their full range of motion, causing uncontrollable spasms of pain within the joints and muscles. This can be achieved using the old-fashioned rack, placing ropes on the wrists and ankles so the body is fully suspended and taut.
2. *Cutting, piercing, burning and scolding*. This is a slow form of torture where the pressure of discomfort is gradually applied under verbal interrogation. Naked flame, hot coals, heated iron rods and a range of instrumental knives and pins are applied to sensitive parts of the body. Skin gradually sizzles and cuts fester, leaving flesh raw and splotched. Cutting and burning are century-old techniques, valued because the instruments used are cheap and easy to come by, and most British soldiers carry matches and knives as a basic utility. MI6 doesn't value this highly as a preferred technique because permanent marks of disfigurement are clearly noticeable and wounds caused by cutting and burning, if left uncleansed, turn septic.
3. *Starvation*. The captive is denied food and water. The body left without basic sustenance begins to deteriorate. Within one to two weeks the captive is desperate to divulge information that the captors have requested; anything to relieve the demoralising, painful and desperate suffering of dehydration and malnutrition.
4. *Electrocution*. Electrocution is utilised because it doesn't leave cuts or abrasions to the body, and the intensity can be amplified and decreased using a remote control. The use of electrocution as a torture technique is illegal in most nations but is utilised on civilians in the form of an electroshock stun gun or taser gun by American and UK police forces.

Hypnosis

Hypnosis is a state of mind which is induced using concentrated focus and thought aided by the guidance of an interrogator's reassuring and convincing voice. Visual stimulation, physical movement, external noise and environmental influence are restricted so that verbal

suggestions are easily assimilated into the target's subconscious mind. It is hoped that, once the target leaves the hypnotist's presence, the information assimilated into the subconscious mind will be recalled by the brain at relevant intervals. The target then believes the knowledge/information which pops up from his subconscious is the ultimate truth and follows this truth as a gut reaction without questioning its logicity. MCs often administer drugs to help induce heightened hypnotic states.

As with all mind control techniques, it is the careful mixing of various applications, i.e. LSD, hypnosis and torture or sleep deprivation, brainwashing and concentrated interrogation which makes mind control a worthy adventure.

Symptoms of Electromagnetic Torture:	
Severe pins and needles	Prickly burning sensations
Heightened body temperature	Increased heart rate
Back strain	Chronic headaches
Involuntary hand, finger and toe movements	Stomach cramps
Spot blanking of memory	Harassment of the auditory hearing with ringing, clicking and buzzing
Repeated spasms and contracting of muscles and tendons within the body	Bleeding and discharge from the nasal cavity

Electromagnetic torture is unique as it is performed without the necessity of incarceration, so MCs needn't be in close proximity. The victim may, in fact, be over 5,000 miles away on a distant continent. The greater advantage is that the victim can't escape his tormentor.

The Executive Summary: Neuropsychological and Electronic **No-Touch Torture Report**

Based on "The Torture Memos" and the Senate Intelligence Committee's Declassified "Torture Report"

By Robert Duncan, A.B., S.M., M.B.A., Ph.D.

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Torture is a horrific topic and most minds will turn away from it because it can't be comprehended that humans can be motivated, or computer programs can be run to do this to other sentient beings. Just when we believed we were becoming more civilized as a culture, the technology for torture has advanced more than a hundred fold in recent decades.

This summary will get into 'the minds of the dishonorable monsters' of the psychology of torture. Those like Dick Cheney who helped authorize it under certain administrations and regimes of the U.S. government which have been proven to be criminal under U.S. law, treaties, and the International Criminal Court. There are many people involved in the conspiracy and cover-up including General Hayden.

The full report discloses the spectrum of techniques of interrogation and torture used by the U.S. and its allies. The United States government will officially deny the claims of this "no-touch torture report" but in time it will stand firm.

The technologies used are still classified as state secrets and will not be discussed in this summary. The torture methods have been leaked through thousands of American citizens who have survived the no-touch torture programs. The research and testimony has been accumulated since 2002 and merely used as examples but the names of the victims are withheld.

This report will not use skewed, misleading language such as "enhanced interrogation" to describe the torture techniques.

Why torture? The CIA claims it works. The assumption is that it works to gain actionable intelligence. Torture is often used for revenge, punishment, interrogation, and behavior modification. In other terms torture is used to remove the continuity of thought to confuse the target to reveal information, erase brain patterns such as values and beliefs, or to break down the human spirit to make them submit and obey their handlers.

The downside of torture is that the countries that do it lose "moral soft power" in world politics. Without due process, over 25% of those reported in the *Senate Torture Report* were declared innocent. Blowback is always a repercussion of torture. Torture often takes a long time to affect the target from months to years. Torture has shown to be unreliable except for getting false confessions and bad information but the U.S. and its allies are improving on their tactics and techniques.

The purpose of this report is to draw the parallels between physical torture techniques and no-touch torture methods used in secret by governments who possess the technologies that still go on today. This is a brief summary of offensive psychological and information warfare methods using traditional methods and modern cybernetic techniques while exploring *hyper-game theory* to walk the target to the desired path: leak intelligence, commit assassinations, or change beliefs.

Numerated Torture Methods for Interrogation and Behavior Modification

(A comparison between physical and no-touch torture tactics)

1. Induction of Depressive/Manic states

The idea is to shake up the emotional states of the target because different information can be accessed at each state. Making the target feel despair and helplessness is the objective. This cycle of hope building and then breaking is done in many ways. The techniques between the physical methods and the no-touch technological methods are similar. Speech is very important during this process of emotional manipulation. Such examples are, "We have imprisoned you without due processes or hope of it. You are indefinitely detained." Hope building examples include, "Sorry. We have mistaken you for someone else. You will be compensated for false imprisonment and torture." The main difference between the cybernetic technology and physical is that emotional state clusters can be entrained into the target mind which speeds up the process. The communication is done differently but perceived as human speech. In the no-touch torture methods it is helpful if the target is labeled with mental illness that is being created for discrediting purposes so as not to draw human rights groups' attention.

2. Memory Erasure

The military and CIA have been researching memory erasing drugs for half a century. The focus of this summary report is on interrogation. Memory erasure is an important technique during interrogation. It is used in combination with sleep deprivation. There are many drugs that have been developed for physical memory erasure. One such interrogation method requires acquiring information from the target while on these drugs and recording the subject. After a sleeping cycle, the interrogator claims that the target has confessed. Of course the target remembers nothing of their conversation. The interrogator will play samples of the subject's conversation back to them making the subject believe that the interrogator knows more than they do. Similar techniques are used in the wireless, no-touch torture and interrogation programs. The cybernetic methods of memory erasure have additional purposes. The memory erasure can be used on the cybernetic target to make the target believe people have broken in and moved their belongings. While physical black bag jobs do occur, it is a way to make the target more paranoid.

3. Electricity and Shocks

Pain and fear of death are common tactics during interrogation. Shocking by electricity is a traditional method of torture and exposed in the CIA's secret prisons. Shocking the testicles and nipples are the most common due to their sensitivity. Interestingly, the thousand of interviews of no-touch torture involves "stings" and "shocks" to various parts of their bodies over long durations.

4. Fear and Terror

There are many techniques to induce extreme fear in the target. In physical renditions dogs, power drills, guns, insects, mutilation, blow torches, water boarding, suffocation, mock burials, and mock executions are just a few the United States government have used. Remember that many targets of torture die from the physical effects. It is torture to death. Let us compare the no-touch torture methods used to inflict the same terror and mental anguish. In several of these techniques the target needs to hear their handler's voice. This report does not describe the technologies used to broadcast voices to the target at a distance. While the subject can be broadcast mental images to their mind using hypnosis and other suggestions as well as visual entrainments, the more invasive controls of the brain manipulation technologies can be used to entrained the brain's autonomic nervous systems such as not breathing causing the target to not be able to sleep from fear of suffocation equivalent to water boarding. The neural linguistic programming can add fears such as heart attack, stroke, and cancer threats. Even motor cortex mapping can cause twitches in any part of the body. One example used a swift neck movement with a voice transmission, "We are trying to break your neck." Directed energy effects such as Active Denial System can make the target feel that they are on fire indefinitely without the target dying from burns. Maximum pain and torture weapons have been evolving. Every drug effect can be artificially induced into the target mind including those of poisons.

5. Imprisonment and Isolation

Isolation is commonly used as punishment in prisons. Many whistleblowers like Bradley Manning suffer this condition. In soft interrogation it is used to get the target to talk to their interrogator since humans have the need for companionship. In no-touch torture the target is driven from their friends and family using different techniques in order to isolate them so that the electronic mind control has more effect on their psyche. Like in Guantanamo, the target becomes isolated losing their job and medical care. Part of the method involves slander in their community. They end up on the most part in poverty and paranoid about doctors and other people from false correlations that are purposefully induced into their lives. Isolation is also a form of sensory deprivation which will be discussed later. Days and weeks lose their meaning.

6. Sexually Disturbing Tailored Pornography

The *Summary of the Senate Torture Report* disclosed the disgusting revelations that in the secret torture prisons the targets were forced to perform homosexual acts on each other against their will and religion in order not to be beaten or killed. This is a common break down tactic of belief systems and the human will. In no-touch torture the techniques are more psychologically specialized for each target. Most common examples include homosexual targets that are forced with voices that are derogatory to their lifestyle and similar mental images. Almost all targets are forced to view child pornography in their minds.

And vice versa is true, that heterosexual targets are forced to view homosexual sexual acts like in the secret U.S. torture prisons.

7. Mutilation

Also mentioned in the declassified report on torture was mutilation of the human. Cutting the naked target's penis and scrotum, pulling nails or teeth is common. In no-touch torture mutilation is done by trickery. Let us look at a couple examples. There have been several targets who believed that the microwave hearing effect and other voice induction methods were done by microchips implanted in their teeth or ears. They had all their teeth pulled because they believed it was a technology called bone conductance. Others have poked out their ear drums in the belief they had micro implants in their ears. There are many more examples of trickery used to make the targets mutilate themselves.

8. Personal and Spiritual Defamation

In physical torture the CIA and other groups use propaganda and defamation of character for those they oppose. For detainees they try to disenfranchise the target from their religion. They will defecate on their Bible or Koran for example. They might say, "Why is your God not saving you?" In no touch torture and behavior modification they might try to make an atheist believe in god. It is just a mechanism to alter belief systems for control and experimentation. Perhaps the target may wish to confess their secrets to a "voice of god weapon". Information warfare covers the gamut of electronic communication as well. The government training exercise uses language like "befriend", "infiltrate", "mask/mimic", "ruse", "set-up", "disrupt", "create cognitive stress", "use deception", "ruin business relationships", and "post negative information on appropriate forums" - in a malicious effort to target bloggers, activists, journalists, social event organizers and anyone else deemed to be a 'emerging leader' or voice in the public sphere.

9. Psychological Intimidation

This is a topic for a target at the beginning of the trials and programs. Physical break-ins are common even if the target has an alarm system. The NSA has used stalking of foreign officials in the past for economic gain. The FBI does black bag jobs to invade a home without a warrant. The point is to let the target know they are being watched and to increase their paranoia. The NSA easily hacks all computer systems and causes harm to the victim's intellectual property and their relationships from that endpoint. In the no touch torture false correlations between pain and a neighbor coming home can be induced.

10. Rape

Rape is a common practice in torture. It causes much psychological trauma. In the United States methods of rape in their military and CIA secret prisons it is often relabeled. It is commonly done by prods but "rectal rehydration" is the more common misnomer. Often they call it forced feeding through the rectum but it is meant to induce psychological scaring and trauma. Several have died from the technique due to rectal bleeding. In no-touch

torture the psychological trauma of simulated rape takes on different forms. Using technique often called EEG-heterodyning the targets will receive molestation effects of their genitals. In men this can be the anus and genitals. Similarly women can be wirelessly raped by the analogous function of perception.

11. Dietary Manipulation, Forced Weakness and Sickness

The idea behind dietary manipulation is to weaken the target. This is easily done in a physical setting but in no-touch the hunger trigger needs to be suppressed. Sometimes a false correlation between eating food and sickness is induced to make the target believe they are being poisoned. However, poisoning is common in physical renditions too.

12. Repetition

Verbal breakdown is most important during interrogations and torture. Obviously speaking the language of the target is necessary. This is why there are interrogators in all languages. Repetition is an important neural linguistic programming interrogation tactic to influence the target mind. During the breakdown process, threats to kill and to torture the target's family or friends are common. Repetitious questioning and breakdown phrases are automated in both the physical and no-touch versions of torture. An interesting technology that is used for no-touch torture is called *chatter bots*. *Chatter bots*, an artificial intelligence program, automate much of the repetition so that the interrogators don't drive themselves crazy during the neural linguistic torture and programming phases. Let us not forget the Chinese Water Torture, a single drop of water on the forehead of the detainee for months. Repetition is a form of torture.

13. Sensitization of Pain Impulses

While the reverse can be obtained, optimizing perceived pain and misery is the objective in torture. Each trauma adds to the overall misery throughout life. Optimization of pain has been studied by the military and intelligence agencies. In the past the CIA has used drugs such as LSD to enhance fear and terror in the subject. Other methods such as hypnosis can increase perceived pain and the power of suggestion such as telling the subject his pinky finger is going to be cut off before it is done. In no-touch torture the same psychological manipulations are exerted. Subliminal and overt suggested are often told to the subject before the directed energy or EEG heterodyning pain inductions in order to maximize their effectiveness.

14. Sensory Overload and Deprivation

Again, this technique of overloading or depriving the human of sensory stimulus is ubiquitous in torture around the world not just in U.S. secret prisons. Torture subjects in the United States have reported the use of repetitive bad music and noise campaigns. An unusual torture technique used in the U.S. secret prisons was of a use of a plastic suit filled with ice while they beat the target. Ultra bright lights for days on end in the prison and hot/cold temperature changes in the environment are frequent. In no-touch torture, the target's brain

is forced to release dopamine which causes pupil dilatation. This acts as a sensory overload. For example the non-lethal microwave weapons research done by a professor in University of Nevada has shown this capability. Body metabolism can be altered with these weapons causing cold and hot flashes. Targets of no-touch torture often hear endless tinnitus.

15. Sexual Humiliation and Lack of Privacy

Often used in common prisons is a lack of privacy. It is both necessity for security and a form of sexual humiliation. Also in prison many people are raped. No-touch torture offers the same sexual humiliation and lack of privacy by using through wall radar, cameras, and EEG visual cloning to let the target know they are being watched. Degrading comments are often used on the no-touch torture subjects while they are naked or in the bathroom.

16. Maximum Sensory Pain Techniques

Basic torture involves brutalization, i.e. physical strikes, kicks in the groin, pepper spray or tear gas, etc. Anything that involves maximum pain is the objective. Amazingly, these same basic tortures can be done wirelessly into the human mind. All forms of sickness have been reported without any real illness behind the suffering. All suffering can be entrained into the minds of no-touch torture subjects.

17. Sleep Deprivation

This is the number one torture method along with the popularity in the press of water boarding. This is done in every country that uses torture. The United States is number one in torture since they are currently the world's only superpower. A repetitive sleep deprivation cycle is generally done 180 hrs/7.5 days at a time in the physical renditions, or in no-touch torture five days awake and two days of sleep. Sleep deprivation accomplishes the objective of memory loss during interrogation and induces hallucinations which help with the interrogation process. In behavior modification and programming it is necessary too.

18. Stress Positions

Keeping detainees handcuffed above their head and to walls so that they must stand for days is a common ploy in torture. These types of poses are called stress positions. They can be mimicked in no-touch torture. An example of one such trick requires the target to believe they can deflect radar energy using pots or pans and that it is directional. The target is being given an ample amount of pain until their hands and arms are spread apart holding the pans trying to block the signals. They must maintain that position in order to get any relief from the torture signals. However the stress position itself is physical torture. Often accompanying this technique are voices saying to the target, "You are doing it to yourself."

We will finish off this summary of U.S. and its allies' torture, interrogation, and behavior modification experimentation with ideas of why they are done to the general public and falsely accused

detainees. Anyone can be put into these programs. Justice and rule of law does not exist at the highest levels of government. Treaties are worthless because the #1 agreement in the rules of war, a ban against torture, is not obeyed. This creates a more brutal and barbaric society lead by example.

No-touch torture uses the same interrogation tactics as physical interrogations but with some new twists. Techniques such as “Jeff and Mutt” a.k.a. “Good Cop Bad Cop” are used. The bad cop tortures the target and the good cop tries to gain their trust. In mind control, trust games are commonly employed to manipulate the beliefs of the target. Creating hatred of groups through false correlations and deception is a common CIA method of trickery.

In the CIA programs, the target is put through these phases as written in the documentation, “Disorient and confuse the target. Use them for our purposes, and then dispose of them in any way possible.” We can only surmise by our sample set of a thousand people what “dispose” means: prison, suicide, or perhaps a mental hospital. Coercing and torturing people to suicide is very common. Both tactics in physical or no-touch torture involves plausible deniability.

The no-touch interrogations are better than physical rendition techniques for exposing support networks. Traditional NSA tracking of email and phones calls are useful but if the targets are taken into a secret prison they can’t contact their networks. In no-touch torture, the target will contact everyone who might help them. Then those relationships can be destroyed to isolate the target. All these techniques rely on the target having a fear of death and pain.

Deception is very important during interrogation. In physical interrogations the targets are often drugged. This creates the confusion necessary to pull off certain trickery. In terrorist interrogations, for example, the CIA uses fake newspapers to make the target believe whatever event they were suspected of plotting had already happened, obviously looking for a confession. Sometimes the government in charge of the torture is looking for a political gain through a false confession. None-the-less false flag operations are commonly used in both forms of torture and interrogation. The trick is to make the target believe another foreign country is doing it to them. In no-touch torture the trick is to make them believe someone related to them is behind their suffering.

Voice transformation and morphing is an interesting technology also used in both physical and wireless interrogations. It is a form of deception used against a target to trick them into believing that they are speaking to real people that they know. It has been used in war to trick generals. Obviously spoofing email and other identities on internet forums can be used in this manner too.

Finally, the topic of human experimentation for improving weapons, torture, interrogation, and social disruption methods will be breached. Most of the techniques mentioned above work most effectively if the target has no SERE training (Survival, Evasion, Resistance and Escape) or psychological understanding of the methods to influence the human mind. Unfortunately, every sample point in the world’s society needs to be studied to improve the weapons systems. This is why many random people are put into the torture and mind control experiments. There are some devious uses of a secret army of remote controlled assassins in every country in the world. The samples must include different education, language, culture, and economic factors. Obviously, silencing dissidents, oppositions of

political parties, and whistleblowers are included in the lists of applications. The most disturbing of the trends in torture is testing and improving it. No-touch torture is much more complex than physical torture. Testing design flaws and weaknesses of the signal intelligence is one reason why it is necessary to test on innocent targets. Often the subject will be taunted by the statement, "Try to stop us." This statement forces the torture subject to try to figure out shielding and jamming techniques to stop the wireless torture and helps the weapons designers to improve on the system.

However, the psychological and perceived physical pain is only half the story with no-touch torture. It also involves a set of scripts, mind games if you will, to walk the target to murder and/or suicide. This is called "Hyper Game Theory". It is used in war games to determine how to control your enemies and targets. Game Theory can be used on governments, individuals, or for determining propaganda to alter cultures. The experiments on the public provide a means to test the efficacy of these scripts and determine under what circumstances to use them.

One last comment on why "We must guard against the acquisition of unwarranted influence, whether sought or unsought, by the military industrial complex" as President Eisenhower warned. During these torture programs run by the United States and its allies, accurate "truth" data points need to be used to judge the efficiency of the interrogation methods. This is why there is a dispute between the CIA and Senate Intelligence Committee reports about the usefulness of torture. Subterfuge by the CIA hacking into the senate oversight committee's computers is a big deal; a rogue agency has been formed. Data fusion centers, Homeland Security Data Fusion Centers, NSA, and FBI collect data on Americans. This data in turn is used during torture and interrogation of Americans in no-touch torture.

TED L. GUNDERSON & ASSOCIATES

6230-A Wilshire Blvd., Suite 6
Los Angeles, California 90048
Phone: (337) 344-8876

I, Ted L. Gunderson, hereby swear under the pains and penalties of jury that the following statements are true and correct:

1. My name is Ted L. Gunderson. I am the owner and operator of Ted L. Gunderson & Associates, an international security and consulting firm based out of Santa Monica, California. I am currently a licensed private investigator in the state of California. I have performed private investigation and security work for numerous individuals, companies, and governments worldwide since founding my firm in 1979. I have worked for, amongst others, F. Lee Bailey, Esq., The California Narcotics Authority by appointment of Governor Jerry Brown, The 1984 Los Angeles Olympic Committee, and The 1979 Pan American Games in San Juan, Puerto Rico by appointment of then U.S. Attorney General Griffin Bell.
2. Previous to my work as a private investigator I spent nearly three decades in the F.B.I. Between 1951 and 1960 I was an F.B.I. Special Agent. In 1960 I was promoted as a supervisor at F.B.I. Headquarters in Washington, D.C., where I was in charge of Organized Crime and Racketeering investigations covering 26 F.B.I. Field Offices nationwide. Following the assassination of President John F. Kennedy, I was re-assigned to Special Inquiry White House Matters at F.B.I. Headquarters. In 1965 I was promoted again to Assistant Special Agent-In-Charge of Internal Security and Anti-Terrorism of the F.B.I. New Haven, Connecticut Field Office. In 1970 I was promoted to Assistant Special Agent-In-Charge of the F.B.I. Philadelphia, Pennsylvania Field Office. On July 12, 1972 I successfully negotiated with two terrorist hijackers of National Airlines Flight 496 for the release of 119 passengers at Philadelphia International Airport. In 1973 I was promoted to Chief Inspector at F.B.I. Headquarters. I also served

as Special Agent-In-Charge of the F.B.I. Memphis and Dallas Field Offices. I retired from the F.B.I. as Senior Special Agent-In-Charge of the Los Angeles Field Office of the F.B.I. with over 700 employees and a budget of over 22 million dollars in 1979.

3. I have read the Complaint in the current action of Mr. Keith Labella against F.B.I. and D.O.J. It is my professional opinion, based on information, knowledge and belief that the information sought by Mr. Labella in this F.O.I.A. suit regarding "gang stalking", "gang stalking groups" and "gang stalking methods" reasonably describes an ongoing, active, covert nationwide program that is in effect today, and, based on my investigations and experience, has been operational since at least the early 1980's. Since the 1980's gang stalking has increased in scope, intensity and sophistication by adapting to new communications and surveillance technology. These programs are using the codenames Echelon Program, Carnivore System, and Tempest Systems. The Echelon Program is administered by the N.S.A. out of Fort Meade, Maryland, and monitors all email and phone calls in the world. Carnivore System is administered by the N.S.A. out of Fort Meade, Maryland, and can download any computer system without being traced or otherwise known to the owner. Tempest Systems can decipher what is on any computer screen up to a quarter of a mile away. These programs are negatively impacting thousands of Americans and severely abusing their civil rights on a daily basis.
4. Based on my investigative work, which includes intelligence from sources such as active and former members of the Intelligence Services (including the F.B.I., the C.I.A., the N.S.A. and Military Intelligence), information from informants active in criminal enterprises, and, victim testimonies, I have come to the conclusion that thousands of victims have been targeted by an illegal government rogue criminal enterprise that is active 24 hours a day within the U.S. This conspiracy is far too active to be controlled or operated by private enterprise whose goals are achieving financial gain. These operations require extensive financing with no return on the investment. This program's operations are financed by illegal black operations, i.e., narcotics, prostitution, child

kidnapping (children sell at covert auctions for up to \$50,000 per child), human trafficking, gambling and other rackets.

5. I have documentation and know that throughout the U.S., operating 24 hours-a-day and 7 days-a-week, there is a Central Command, located within the U.S., with multiple satellite offices, whose administrators can instantly initiate surveillance, phone taps and harassment against any individual in the country. They have the technology, financing and manpower to dispense illegal surveillance and harassment against anyone at any time, day or night. I have files on numerous cases of active, programmatic, illegal government harassment currently being conducted against thousands of Americans. This makes the F.B.I.'s former COINTELPRO program, which I worked on, including in a supervisory capacity, look like a Sunday school program by comparison.
6. I firmly believe that most individuals working in the F.B.I., other intelligence agencies, and the government overall are honest, law-abiding public servants. However, a sophisticated network of rogue operatives has secretly infiltrated the F.B.I., other intelligence agencies including the C.I.A., and other key government positions. This rogue element seeks personal power and wealth and considers themselves above the law and the Constitution. They are carrying out the aforementioned surveillance and harassment activities in conjunction with organized crime, the cult movement in America including Satanic cults, other commercial and political interests, and even misguided civic organizations and neighborhood groups. This illegal surveillance and harassment program is being called gang stalking and organized stalking by the victims targeted by it. The victims are targeted for a variety of reasons including government and corporate whistleblowers, parties to financial and employment disputes, parties to marital disputes (usually divorced women), and even jilted paramours. Journalists covering controversial issues, and, even attorneys and private investigators representing unpopular clients or interests, have been targeted by this program.
7. Individuals targeted by this program have been subjected to illegal and unconstitutional phone taps, illegal re-routing of business and

private phone calls for purposes of harassment, illegal audio “bugging”, surreptitious entry into home, office, and vehicle, visual surveillance in the home conducted by illegal placement of miniature remote, wireless cameras (often accessible via internet), illegal internet spyware, illegal GPS tracking (often through their own mobile phones), regular fixed and mobile surveillance, mail misdirection, mail theft and tampering, financial and employment sabotage, slander campaigns and community ostracizing, internet disinformation and smear campaigns, poisoning, assaults and murder, illegal set-ups on drug charges and other felony charges, amongst many other civil rights abuses.

8. In addition to high-ranking members of the F.B.I., other intelligence services, and the government overall, wealthy, powerful members of criminal syndicates, multi-millionaires and the corporate elite are using the government gang stalking program to harass enemies. They can get a targeted individual harassed for the rest of that individual’s life (individual cases of gang stalking lasting for over a decade are common). The higher status members of the gang stalking conspiracy initiate the gang stalking and coordinate logistics and funding. Lower echelon government rogue operatives, lower ranking members of the military (in violation of Posse Comitatus), petty criminals and street thugs perform the actual grunt work of daily monitoring and harassment of individuals targeted by the program.
9. Based on my professional experience, extensive intelligence information and belief, it is my professional opinion that the F.B.I. is involved in and has investigative files on the subject of gang stalking, related gang stalking methods, and gang stalking groups in the F.B.I.’s vast intelligence files, that are responsive to Mr. Labella’s F.O.I.A. Complaint. Furthermore, I have personally referred numerous victims of gang stalking to the appropriate agents at the F.B.I. for investigation of their cases. I have also furnished the F.B.I. with documentation of an active, international child kidnapping ring probably operated by rogue C.I.A. agents. The F.B.I. has ignored my requests to investigate even though it is their responsibility to investigate kidnappings. I have a contact in Germany who advises me that the C.I.A. has set up secret operations on U.S. military bases for the kidnapping, sale and

trafficking of children worldwide. The F.B.I. may be using a unique codename and nomenclature for the gang stalking phenomenon in its records. However, this is a semantic difference, and, in no way changes my professional opinion that the F.B.I. has investigative files on the nationwide phenomenon of gang stalking described in reasonable and specific detail in Mr. Labella's F.O.I.A. Complaint. These F.B.I. files contain information responsive to Mr. Labella's F.O.I.A. Complaint regarding the subject of gang stalking. The F.B.I. and other intelligence agencies are administering and covering up the rogue, covert, government criminal enterprise of gang stalking. The gang stalking phenomenon appears in the records of both the F.B.I. and the N.S.A. in their records pertaining to the Echelon Program, Carnivore System, and Tempest Systems. In addition, the gang stalking phenomenon appears in the records of both the F.B.I. and the N.S.A. in their records pertaining to information collected by Narus systems. Narus is a wholly owned subsidiary of defense contractor Boeing that produces sophisticated, mass surveillance computer systems currently being used by both the F.B.I. and the N.S.A.

Dated this 26 day of April 2011.

Los Angeles, California

Ted L. Gunderson
Ted L. Gunderson

NOTARY

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Los Angeles

On 4-25-2011 before me,

Robert R.S. Propp

Here Insert Name and Title of the Officer

personally appeared

Ted L Gunderson

Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

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Title or Type of Document:

Statement of Ted L Gunderson Associates

Document Date:

4-26-2011

Number of Pages:

(5)

Signer(s) Other Than Named Above:

Capacity(ies) Claimed by Signer(s)

Signer's Name:

☒ Individual

☐ Corporate Officer — Title(s):

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other:

Signer Is Representing:

Signer's Name:

☐ Individual

☐ Corporate Officer — Title(s):

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other:

Signer Is Representing:

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

TED L. GUNDERSON
FBI Bureau Chief,
Senior Special Agent In Charge, (Ret.)
Head of the Los Angeles Office of the
Federal Bureau of Investigation
6230 A Wilshire Blvd.
Los Angeles, CA 90048
Direct Line: (337)344-8876
California Investigation License Number: 12878

PROFESSIONAL EXPERIENCE

1979 – Present	Ted L. Gunderson & Associates. Founder, owner and operator of this international security consulting and investigation firm in 1979. Investigator for F. Lee Bailey Esq., Mr. Bailey describes Ted Gunderson as a person "whose investigative skills are unsurpassed by anyone I know or have known". At the time of retirement from the Federal Bureau of Investigations, Ted had 700 personnel under his command and he operated an annual budget of Twenty Two Million dollars (USD 22,000,000.00). Ted is a renowned lecturer, published author and researcher. National Television and radio appearances include "The Geraldo Show", "48 Hours Mysteries", "Unsolved Mysteries" and "Larry King Live". He has been regularly featured on Discovery Channel and Lifetime.
1984	Los Angeles Olympics Committee Consultant.
1981 – 1982	California Narcotics Authority – Consultant appointed by Governor Jerry Brown.
1979	Pan American Games, San Juan, Puerto Rico – Security Coordinator Special Appointee of United States Attorney General Griffin B. Bell.
1951 – 1979	Federal Bureau of Investigations 1977 – 79 Senior Special Agent-In-Charge, Los Angeles, California 1973 – 77 Special Agent-In-Charge, Memphis, Tennessee and Dallas, Texas 1973 Chief Inspector 1965 – 73 Assistant Special Agent-In-Charge, New Haven, Connecticut and Philadelphia, Pennsylvania 1960 – 65 Special Agent Supervisors – Federal Bureau of Investigations Headquarters, Washington, D.C. 1951 – 60 Special Agent
PUBLICATIONS	1989 "How To Locate Anyone Anywhere Without Leaving Home" – E.P. Dutton
EDUCATION	1950 Bachelor of Science – University of Nebraska
AWARDS	1979 Distinguished Alumnus Award in Recognition of Distinguished and Devoted Service to His Country – University of Nebraska 1977 Alumni Highest Effort Award in the Field of law Enforcement, Sigma Alpha Epsilon Social Fraternity 1977 Law enforcement Officer of the Year – AFL-CIO Metal Trades Counsel, Los Angeles, California



COINTELPRO STALKING- WHAT ASSANGE AND SNOWDEN NEVER TOLD YOU

LEFT FORUM, NEW YORK CITY

MAY 2016

©2016 WEBSTER G. TARPLEY PH.D.



0:30 / 54:46

Biography



Webster Griffin Tarpley (Pittsfield, Massachusetts, 1946) is a philosopher of history who seeks to provide the programs and strategies needed to overcome the current world crisis. As an activist historian he first became widely known for his book **George Bush: The Unauthorized Biography** (1992), a masterpiece of research which is still a must read. AB Princeton 1966, summa cum laude and Phi Beta Kappa; Fulbright Scholar at University of Turin, Italy; MA in humanities from Skidmore College; and Ph.D. in early modern history from the Catholic University of America with emphasis on the role of Venice in the origins of the Thirty Years' War (1618-1648). He has addressed audiences in Italian, German, and French. A decades-long expert on international terrorism, his 1978 study commissioned by an Italian government minister and entitled ***"Chi ha ucciso Aldo Moro?"*** (Who Killed Aldo Moro?) broke open the ownership of the Red Brigades by NATO's clandestine networks.

During 2008, he warned of the dangers of an Obama presidency controlled by Wall Street with **Obama: The Postmodern Coup, The Making of a Manchurian Candidate** and **Barack H. Obama: The Unauthorized Biography**. His interest in economics is reflected in **Surviving the Cataclysm: Your Guide Through the Worst Financial Crisis in Human History Against Oligarchy**. He is currently completing a study of Pearl Harbor as an episode in Wall Street's war against President Franklin D. Roosevelt, the New Deal, and FDR's economic bill of rights. His books have appeared in Japanese, German, Italian, French, and Spanish.

Webster Tarpley explains the post 9/11 national security state including harassment and targeting by officials, police, military and other abusers

See Lane County DA William Warnisher was always corrupt, the lane county sheriffs and sheriffs association, the police unions, attorney General, the Oregon State Hospital staff, the Oregon State Police, Office of Investigation and Training, state officials, Governors office, and judge Curtis Conover were very well protected and corrupt. The below exists in every state and its being done everywhere. This is how they got me in 2004, my first arrest ever I was framed and set up by the sheriffs, and OSH staff all part of this crap. Me, an innocent man. It led to further targeting the more and more I uncovered, they had to go all out to cover it all up. They know the NSA is tied into the Salem Oregon fusion center that ties the local cops, DAs, attorney general into the space and radar capability and fiber optic taps. Anyone remotely tied to law enforcement including businesses and informants is part of it. Its the normal everyday secret black world operation. They use this data from NSA to harass, control, touchless torture and all that good stuff. NSA space and radar capability is used to harass people more. As the video explains they sought and use methods besides arrest and assassination hard to prove in court so they can get away with it and get whoever they want anyway they want. The video explains.

Part 1 with Professor Dr. Webster Tarpley PhD: <https://youtu.be/X56HTfMcUtE>

<http://www.Tarpley.net/>

This version is clipped because he also did a whole Q&A which I took part in and he and the group acknowledged me as a victim and confirmed the reality of them using space and radar capability to spy on us and irradiate select people they really want to fuck up. I explained how the technology of the NSA the head of these programs can scan and track you inside of buildings and knowing your precise position irradiate you with electronic warfare, the ultimate harassment and murder technique. Tarpely and crew took interest in the brain reading and altering components and asked me more how it worked during Q&A and I went in depth explaining its use for officers to communicate off the record by thought alone in secret without risk of interception. I explained that Facebook CEO also said the same technology is eventually going to be the future of Facebook replacing screens and mice/touch/keyboards and speaker set ups with mind interfaces, that work over the internet. Tarpley was convinced I was a target and stated he was afraid to be near me or touch for me for fear he would be hit and hurt with the signals intelligence hitting my body/atoms .. Tarpley invited me along for post panel activity and discussion and gave me special attention over the matter as my friend. A gang stalker walked behind me and him and whistled for ten seconds which I have recorded, and multiple gang stalkers stalked me about Left Forum 2016.. Tarpley and Daniella were target of stalking and harassment including death threats as military perps tried to shut the panel down which they discussed, Daniella was particularly fearful and panicked. Yea this info is that big. Pictures of me and Tarpley hanging out on my Twitter. <https://www.Twitter.com/toddgiffen>

Direct link to selfie together: <https://twitter.com/toddgiffen/status/734121887798792192>

COINTELPRO 2016: The New Age of Active Measures by the Post-9/11 National Security State

Panel/Workshop Year:

2016

Abstract:

Back in the 1970s, the Senate's Church Committee, the Pike Committee in the House and citizens in Media, PA revealed a pattern of meddling by the FBI, CIA, etc. in US domestic politics, harassing and intimidating civil rights leaders, trade unions, and anti-war activists. During the 1980s, despite claims to the contrary, this illegal spook activity kept going. After 9/11, spying and harassment are now bigger and more intrusive than ever. This is COINTELPRO Stalking (COINTELPRO = COUNTER-INTELLIGENCE PROVOCATION). The old FBI methods have been supplemented by techniques from the STASI, the East German Communist secret police. The age of social media has become the Golden Age of Cointelpro. NSA surveillance has been known for a decade, but what happens once dissidents are identified? NSA works with a network of Law Enforcement Intelligence Units (LEIUs) – like the New York Red Squad, and another network of local intelligence offices called Fusion Centers. These direct a secret army of trolls, bloggers, disgruntled misfits, surveillance role players and others numbering in the hundreds of thousands. The response might be gaslighting – convincing the targets they are going insane. They plant bugs, issue slanders and threats, perform character assassinations, and publish embarrassing material. They slash bicycle and car tires, and misdirect deliveries. They want you to drop out of politics. COINTELPRO 2016 must be exposed and stopped.

Diversity of Perspectives:

One perspective will come from grassroots organizers who have personally undergone COINTELPRO harassment while organizing campaigns and other activities. A second perspective is the history of COINTELPRO operations from the 1950s until today. A third perspective is the input from the East German Communist secret police (STASI), which was copied by the FBI. A fourth perspective is the virtual impossibility of mass organizing unless COINTELPRO is exposed and stopped.

Been telling it like it is and targeted by these fuckers since 2004. The sheriff's of Lane County and punk ass Oregon State Hospital staff were my first taste of niggery which landed me irradiated by August 2008, stalked and controlled and irradiated even after my sentence was up in 2009. Since then I've been tracked, stalked, harassed across the United States including to Los Angeles, Modesto, Stockton, Lodi, Washington DC, New York City, Virginia Beach, etc. The police have spilled the beans on their intent to murder me and harm me in multiple cities. I've recorded the behavior. I am enemy of the state..

Daniella followed up in part 2 of COINTELPRO 2016. <https://youtu.be/D2RbHIQhWEY>

Todd Giffen

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5039675202

<http://www.obamasweapon.com> <http://www.drrobertduncan.com>

Alfred Webre

Alfred Webre is a space activist who works with others to prevent the weaponization of space and transform the permanent war economy into a peaceful, cooperative, democratic Space Age society, re-integrating with a larger, intelligent Universe society.



Alfred Webre is,

- International Director of the Institute for Cooperation in Space (ICIS)

- a founder of the No Weapons in Space Campaign (NOWIS), a Canadian coalition to prevent the weaponization of space

- a participant in the Canadian Coalition to Oppose Missile Defence (CCOMD)

- a Member of the [Kuala Lumpur War Crimes Tribunal](#)

- an On-Air Host on Vancouver Coop Radio CFRO 102.7 FM .

- a former Fulbright Scholar and graduate of Yale University, Yale Law School (Yale Law School National Scholar), and the University of Texas Counseling Program

Webre was General Counsel to the NYC Environmental Protection Administration and environmental consultant to the Ford Foundation, futurist at Stanford Research Institute, and author.

He has taught,

- Economics at Yale University (Economics Department)

- Civil Liberties at the University of Texas (Government Department)

Alfred Webre has been,

- a delegate to the UNISPACE Outer Space Conference and NGO representative at the United Nations (Communications Coordination Committee for the UN; UN Second Special Session on Disarmament)

- elected Clinton-Gore Delegate to the 1996 Texas Democratic Convention

- a Member, Governor's Emergency Taskforce on Earthquake Preparedness, State of California (1980-82), appointed by Gov. Jerry Brown

Mr. Webre produced and hosted the Instant of Cooperation, the first live radio broadcast between USA and the then Soviet Union, carried live by Gosteleradio and NPR satellite in 1987.

He is too,

a member of the District of Columbia Bar
a co-architect of the Space Preservation Act and the Space Preservation Treaty
to ban space-based weapons

Books by Alfred Lambremont Webre include:

Exopolitics: A Decade of Contact (Universebooks, 2000)
Earth Changes: A Spiritual Approach, (Universebooks, 2000)
The Levesque Cases, (Ontario: PSP Books, 1990)
Recovery: A Personal Journey, (Universebooks, 2000)
The Age of Cataclysm, (New York: GP Putnam's Sons 1974); (New York: Berkeley Medallion 1975); (Capricorn Books, 1975); (Tokyo: Ugaku Sha 1975)

"As Senior Policy Analyst in 1977 at the Center for the Study of Social Policy at Stanford Research Institute (now "SRI International", Menlo Park, California), Alfred Webre was Principal Investigator for a proposed civilian scientific Study of extraterrestrial communication, i.e. interactive communication between the terrestrial human culture and that of possible intelligent non-terrestrial civilizations.

This proposed Study was presented to and developed with interested White House staff of the Domestic Policy staff of President Jimmy Carter during the period from May 1977 until the fall of 1977, when it was abruptly terminated.

"The over-all purpose of the proposed 1977 Carter White House Extraterrestrial Communication Study was to create, design and carry out an independent, civilian-led research compilation and evaluation of phenomena suggesting an Extraterrestrial and/or Inter-dimensional intelligent presence in the near-Earth environment.

"The designed outcome of the Study was to have been a public White House report, detailing the compiled evidence and evaluation, together with possible scientific models for the implications of the research. The White House report was to have contained public policy recommendations emerging from the evaluations and conclusions of the Study. These, if warranted, included transformation of secrecy regulations of U.S. military-intelligence agencies."

"The scientific and public policy goal of the proposed 1977 Carter White House Extraterrestrial Communication Study was to fill a substantial gap in civilian scientific knowledge of the UFO (Unidentified Flying Object phenomenon), Extraterrestrial Biological Entities (EBEs), and related phenomena.

This knowledge gap was created and maintained by excessive secrecy practices and regulations of U.S. Department of Defense and intelligence agencies in the various generations of its UFO-programs since the late 1940s, including but not limited to Project Grudge and Project Blue Book, as well as other alleged secret programs.

Information and Contact

- Email: exopolitics@exopolitics.com
- WebSite: <http://www.exopolitics.com>
- Wikipedia:
https://secure.wikimedia.org/wikipedia/en/wiki/Alfred_Webre

Close Window



Alfred L...

INVITE



YOU KNOW WHEN DENNIS KUCINICH introduced the space preservation act of 2001? U co authored it. But, didnt his assistant later claim they werent intending to help the victims of directed energy or there were things in there that werent their intended goal to fix? Are they lying? Wasn't it the intentions of yourself to stop the irradiation and mind control of humans from space, land and sea based weapons?

MAY 5 AT 9:34 PM

The bill was intended to stop base based weapons, and HR 2977 did so, including DEW based in space such as HAARP. Kucinich staff caved to DOD and CIA



Write a message...





Alfred L...

INVITE



HR 2977 - The initial version
banned "space-based weapons"
and banned the irradiation/
assault/mind control

The final version banned only
"space based weapons

No version banned the
scanning/spying/imaging of
people as a privacy issue.

HR2977 TEXT

[http://thomas.loc.gov/cgi-bin/
query/z?c107:H.R.2977.IH:](http://thomas.loc.gov/cgi-bin/query/z?c107:H.R.2977.IH:)



**Bill Text - 107th
Congress (2001-...**

thomas.loc.gov

JUN 25 AT 5:34 PM



Write a message...





Alfred L...

INVITE



ANSWER: Yes. Now probably more advanced scalar nano technology that is distributed via chemtrails and other remote technology that entrain the targeted individual to banks of super computers in turn entrained to HAARP software for mind control

2. And the space preservation act you worked on which Congressman Dennis Kucinich introduced would have allowed the scanning/spying/imaging of us, but banned the irradiation/assault/mind control right?



ANSWER There were several versions of the Act.

HR 2977 - The initial version

known as "space-based weapons"



Write a message...





Alfred L...

INVITE



Yes no problem. Two of my lawyers were just appointed and we are going to get to the bottom of this.

JUN 25 AT 5:20 PM

Todd - Let me know if you need more information. 1. Your belief is humans are being scanned with remote sensing, reconnaissance, satellites and radar ground, sea, space based right, and those systems are being used to irradiate and neurologically/cellularly sabotage citizens correct?

ANSWER: Yes. Now probably more advanced scalar nano technology that is distributed via chemtrails and other remote



Write a message...



107TH CONGRESS
1ST SESSION

H. R. 2977

To preserve the cooperative, peaceful uses of space for the benefit of all humankind by permanently prohibiting the basing of weapons in space by the United States, and to require the President to take action to adopt and implement a world treaty banning space-based weapons.

IN THE HOUSE OF REPRESENTATIVES

OCTOBER 2, 2001

Mr. KUCINICH introduced the following bill; which was referred to the Committee on Science, and in addition to the Committees on Armed Services, and International Relations, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

A BILL

To preserve the cooperative, peaceful uses of space for the benefit of all humankind by permanently prohibiting the basing of weapons in space by the United States, and to require the President to take action to adopt and implement a world treaty banning space-based weapons.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Space Preservation Act
5 of 2001”.

1 **SEC. 2. REAFFIRMATION OF POLICY ON THE PRESERVA-**
2 **TION OF PEACE IN SPACE.**

3 Congress reaffirms the policy expressed in section
4 102(a) of the National Aeronautics and Space Act of 1958
5 (42 U.S.C. 2451(a)), stating that it “is the policy of the
6 United States that activities in space should be devoted
7 to peaceful purposes for the benefit of all mankind.”.

8 **SEC. 3. PERMANENT BAN ON BASING OF WEAPONS IN**
9 **SPACE.**

10 The President shall—

11 (1) implement a permanent ban on space-based
12 weapons of the United States and remove from
13 space any existing space-based weapons of the
14 United States; and

15 (2) immediately order the permanent termi-
16 nation of research and development, testing, manu-
17 facturing, production, and deployment of all space-
18 based weapons of the United States and their com-
19 ponents.

20 **SEC. 4. WORLD AGREEMENT BANNING SPACE-BASED WEAP-**
21 **ONS.**

22 The President shall direct the United States rep-
23 resentatives to the United Nations and other international
24 organizations to immediately work toward negotiating,
25 adopting, and implementing a world agreement banning
26 space-based weapons.

1 **SEC. 5. REPORT.**

2 The President shall submit to Congress not later than
3 90 days after the date of the enactment of this Act, and
4 every 90 days thereafter, a report on—

5 (1) the implementation of the permanent ban
6 on space-based weapons required by section 3; and

7 (2) progress toward negotiating, adopting, and
8 implementing the agreement described in section 4.

9 **SEC. 6. NON SPACE-BASED WEAPONS ACTIVITIES.**

10 Nothing in this Act may be construed as prohibiting
11 the use of funds for—

12 (1) space exploration;

13 (2) space research and development;

14 (3) testing, manufacturing, or production that
15 is not related to space-based weapons or systems; or

16 (4) civil, commercial, or defense activities (in-
17 cluding communications, navigation, surveillance, re-
18 connaissance, early warning, or remote sensing) that
19 are not related to space-based weapons or systems.

20 **SEC. 7. DEFINITIONS.**

21 In this Act:

22 (1) The term “space” means all space extend-
23 ing upward from an altitude greater than 60 kilo-
24 meters above the surface of the earth and any cele-
25stial body in such space.

1 (2)(A) The terms “weapon” and “weapons sys-
2 tem” mean a device capable of any of the following:

3 (i) Damaging or destroying an object
4 (whether in outer space, in the atmosphere, or
5 on earth) by—

6 (I) firing one or more projectiles to
7 collide with that object;

8 (II) detonating one or more explosive
9 devices in close proximity to that object;

10 (III) directing a source of energy (in-
11 cluding molecular or atomic energy, sub-
12 atomic particle beams, electromagnetic ra-
13 diation, plasma, or extremely low frequency
14 (ELF) or ultra low frequency (ULF) en-
15 ergy radiation) against that object; or

16 (IV) any other unacknowledged or as
17 yet undeveloped means.

18 (ii) Inflicting death or injury on, or dam-
19 aging or destroying, a person (or the biological
20 life, bodily health, mental health, or physical
21 and economic well-being of a person)—

22 (I) through the use of any of the
23 means described in clause (i) or subpara-
24 graph (B);

(II) through the use of land-based, sea-based, or space-based systems using radiation, electromagnetic, psychotronic, sonic, laser, or other energies directed at individual persons or targeted populations for the purpose of information war, mood management, or mind control of such persons or populations; or

(III) by expelling chemical or biological agents in the vicinity of a person.

(B) Such terms include exotic weapons systems such as—

(i) electronic, psychotronic, or information weapons;

(ii) chemtrails;

(iii) high altitude ultra low frequency weapons systems;

(iv) plasma, electromagnetic, sonic, or ultrasonic weapons;

(v) laser weapons systems;

(vi) strategic, theater, tactical, or extra-terrestrial weapons; and

(vii) chemical, biological, environmental, climate, or tectonic weapons.

1 (C) The term “exotic weapons systems” in-
2 cludes weapons designed to damage space or natural
3 ecosystems (such as the ionosphere and upper at-
4 mosphere) or climate, weather, and tectonic systems
5 with the purpose of inducing damage or destruction
6 upon a target population or region on earth or in
7 space.

○



H.R.2977 - Space Preservation Act of 2001

107th Congress (2001-2002)

BILL

Sponsor: [Rep. Kucinich, Dennis J. \[D-OH-10\]](#) (Introduced 10/02/2001)

Committees: House - Armed Services; International Relations; Science

Latest Action: 04/19/2002 Unfavorable Executive Comment Received from DOD.

Tracker:

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Subject —
Policy Area:

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All Actions: H.R.2977 — 107th Congress (2001-2002)

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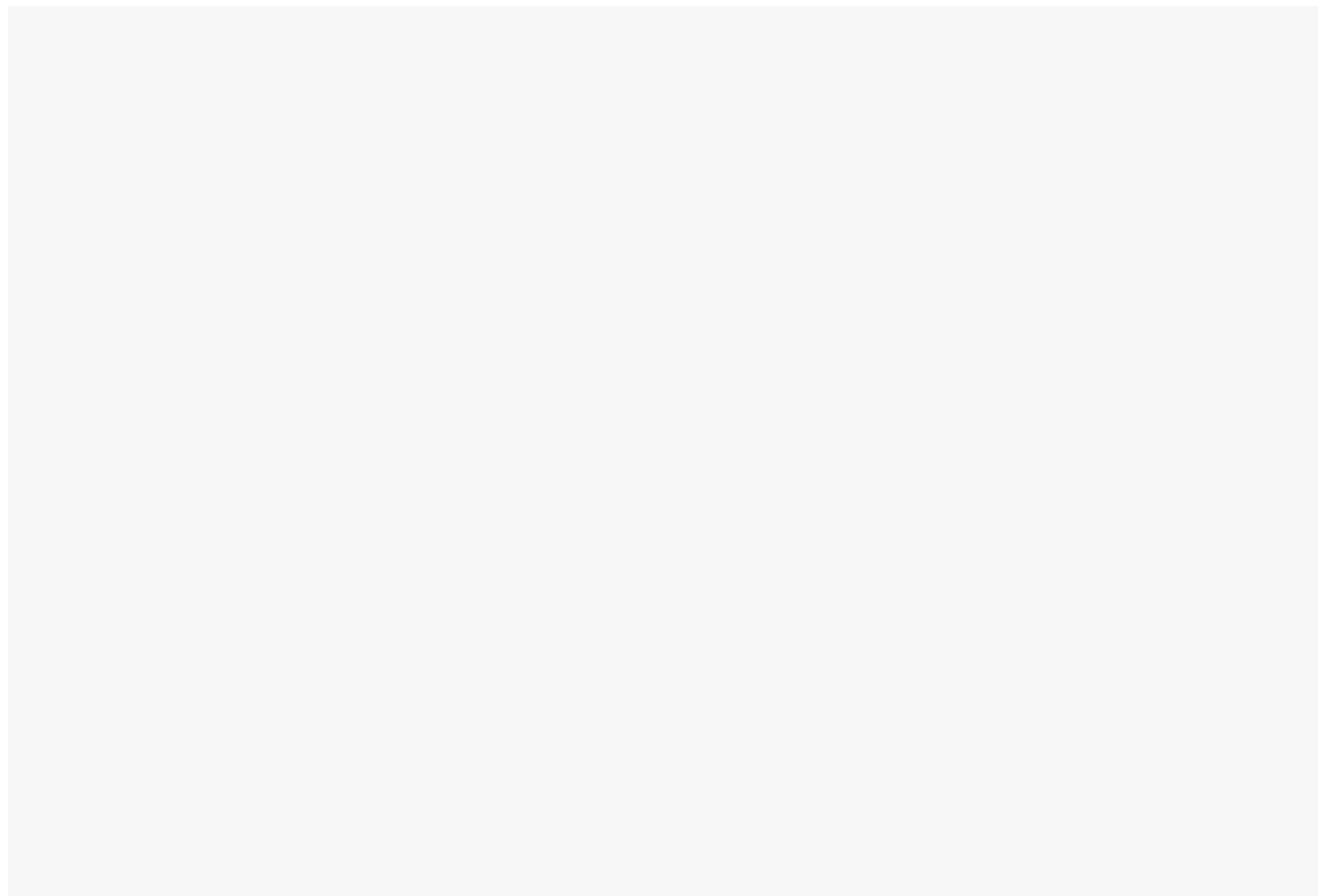
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Date	All Actions
04/19/2002	Unfavorable Executive Comment Received from DOD. Type of Action: Committee Consideration Action By: House Armed Services
12/06/2001	Executive Comment Requested from DOD. Type of Action: Committee Consideration Action By: House Armed Services

Date	All Actions
10/04/2001	Referred to the Subcommittee on Space and Aeronautics. Type of Action: Committee Consideration Action By: House Science, Space, and Technology
10/02/2001	Referred to House International Relations Type of Action: Introduction and Referral Action By: House of Representatives
10/02/2001	Referred to House Armed Services Type of Action: Introduction and Referral Action By: House of Representatives
10/02/2001	Referred to House Science Type of Action: Introduction and Referral Action By: House of Representatives
10/02/2001	Introduced in House Type of Action: Introduction and Referral Action By: House of Representatives



Here is a full transcript of Edward Snowden's Alternative Christmas Message December 23rd 2013, broadcast in UK Channel 4:

Hi, and merry Christmas.

I'm honored to have a chance to speak with you and your family this year.

Recently we learned that our governments, working in concert, have created a system of worldwide mass surveillance, watching everything we do. Great Britain's George Orwell warned us of the danger of this kind of information. The types of collection in the book—microphones and video cameras, TVs that watch us—are nothing compared to what we have available today. We have sensors in our pockets that track us everywhere we go.

Think about what this means for the privacy of the average person. A child born today will grow up with no conception of privacy at all. They'll never know what it means to have a private moment to themselves, an unrecorded, unanalyzed thought.

And that's a problem because privacy matters. Privacy is what allows us to determine who we are, and who we want to be.

The conversation occurring today will determine the amount of trust we can place both in the technology that surrounds us, and the government that regulates it.

Together, we can find a better balance, end mass surveillance, and remind the government that if it really wants to know how we feel, asking is always cheaper than spying.

For everyone out there listening, thank you and merry Christmas.



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EXCLUSIVE REPORT: NSA Whistleblower: Snowden Never Had Access to the JUICIEST Documents ... Far More Damning

Posted on [June 7, 2014](#) by [WashingtonsBlog](#)

NSA Spying On Congress, Admirals, Lawyers ... Content As Well As Metadata ... Cheney Was Running the Show

NSA whistleblower Russel Tice was a [key source](#) in the 2005 New York Times [report](#) that blew the lid off the Bush administration's use of warrantless wiretapping.

Tice told PBS and other media that the NSA is [spying on – and blackmailing – top government officials and military officers](#), including [Supreme Court Justices, highly-ranked generals, Colin Powell and other State Department personnel](#), and many other top officials:

NSA Collects 'Word for Word' Every Domestic Communication

He says the NSA started [spying on President Obama](#) when he was a candidate for Senate:

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We are not calling for lawlessness. We are calling for an **end** to lawlessness and lack of accountability and a **return** to the rule of law.

Rather than trying to subvert the constitution, we are calling for its **enforcement**.

We are patriotic Americans born and raised in this country. We love the U.S. We don't seek to destroy or attack America ... we seek to restore her to strength, prosperity, liberty and respect.

We don't support or like Al Qaeda, ISIS, the Taliban, or any similar or supporting groups. We think they are all disgusting.

The nation's top legal scholars say that draconian security laws which violate the Constitution **should not apply to Americans**.

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Many of Tice's allegations have been [confirmed by other government whistleblowers](#). And see [this](#).

Washington's Blog called Tice to find out more about what he saw when he was at NSA.

RUSSELL TICE: We now know that NSA was wiretapping [Senator] Frank Church and another Senator. [That has been [confirmed](#).]

And that got out *by accident*. All the information the NSA had back then – and probably many other senators and important people too, back in the 70s – they *shredded* and they *destroyed* all of that evidence. As much as they could find, they destroyed it all. By accident, something popped up 40 years later.

And, in fact, they were asked 40 years ago whether NSA had bugged Congress. And, of course, they lied. They *lied through their teeth*.

NSA Has Hidden Its Most Radical Surveillance Operations ... Even from People Like Snowden Who Had General “Code Word” Clearance

WASHINGTON'S BLOG: Glenn Greenwald – supposedly, in the next couple of days or weeks – is going to disclose, based on NSA documents leaked by Snowden, that the NSA is spying on all sorts of normal Americans ... and that the spying is really to crush dissent. [Background [here](#), [here](#) and [here](#).]

Does Snowden even *have* documents which contain the information which you've seen?

RUSSELL TICE: The answer is no.

WASHINGTON'S BLOG: So you saw handwritten notes. And what Snowden was seeing were electronic files ...?

RUSSELL TICE: Think of it this way. Remember I told you about the NSA doing everything they could to make sure that the information from 40 years ago – from spying on Frank Church and Lord knows how many other Congressman that they were spying on – was hidden?

Now do you think they're going to put that information into Powerpoint slides that are easy to explain to everybody what they're doing?

They would not even put their *own NSA designators* on the reports [so that no one would know that] it came from the NSA. They made the reports look like they were Humint (human intelligence) reports. They did it to hide the fact that they were NSA and they were doing the collection. That's *40 years ago*. [The NSA and other agencies are still doing "[parallel construction](#)", "[laundering](#)" [information](#) to hide the fact that the information is actually from mass NSA surveillance.]

Now, what NSA is doing right *now* is that they're taking the information and they're putting it in a much higher security level. It's called "ECI" – Exceptionally Controlled Information – and it's called the black program ... which I was a specialist in, by the way.

I specialized in *black world* – DOD and IC (Intelligence Community) – programs, operations and missions ... in "VRKs", "ECIs", and "SAPs", "STOs". SAP equals Special Access Program. It's highly unlikely Mr. Snowden had any access to these. STO equals Special Technical Operations. It's highly unlikely Mr. Snowden had any access to these.

Now in that world – the ECI/VRK world – everything in that system is classified at a higher level and it has its *own computer systems* that house it. It's totally separate than the system which Mr. Snowden was privy to, which was called the "JWICS": Joint Worldwide Intelligence Communications System. The JWICS system is what everybody at NSA has access to. Mr. Snowden had Sys Admin [systems administrator] authority for the JWICS.

And you still have to have TS/SCI clearance [i.e. [Top Secret/ Sensitive Compartmented Information](#) – also known as "code word" – clearance] to get on the JWICS. But the ECI/VRK systems are *much higher* [levels of special compartmentalized clearance] than the JWICS. And you have to be in the black world to get that [clearance].

ECI = Exceptionally Controlled Information. I do not believe Mr. Snowden had any access to these ECI controlled networks). VRK = Very Restricted Knowledge. I do not believe Mr. Snowden had any access to these VRK controlled networks.

These programs typically have, at the least, a requirement of 100 year or until death, 'till the person first being "read in" [i.e. sworn to secrecy as part of access to the higher classification program] can talk about them. [As an interesting sidenote, the Washington Times [reported](#) in 2006 that – when Tice offered to testify to Congress about this illegal spying – he was informed by the NSA that the Senate and House intelligence committees were *not cleared to hear such information*.]

It's very compartmentalized and – even with stuff that they had – you might have something at NSA, that there's literally *40 people* at NSA that know that it's going on in the entire agency.

When the stuff came out in the New York Times [the first big spying story, which [broke in 2005](#)] – and I was a source of information for the New York Times – that's when President Bush made up that nonsense about the "terrorist surveillance program." By the way, that *never existed*. That was *made up*.

There was *no such thing* beforehand. It was made up ... to try to placate the American people.

The NSA IG (Inspector General) – who was not cleared for this – all of a sudden is told he has to do an investigation on this; something he has no information or knowledge of.

So what they did, is they took a *few* documents and they downgraded [the classification level of the documents] – just a few – and gave them to them to placate this basic whitewash investigation.

Snowden's Failure To Understand the Most Important Documents

RUSSELL TICE: Now, if Mr. Snowden were to find the crossover, it would be those documents that were downgraded to the NSA's IG.

and undermining America's national security.

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The stuff that I saw looked like a bunch of alphanumeric gobbledygook. Unless you have an analyst to know what to look for – and believe me, I think that what Snowden’s done is great – he’s not an intelligence *analyst*. So he would see something like that, and he *wouldn’t know* what he’s looking at.

But that would be “the jewels”. And the key is, you wouldn’t know it’s the jewels unless you were a diamond miner and you knew what to look for. Because otherwise, there’s a big lump of rock and you don’t know there’s a *diamond* in there.

I worked special programs. And the way I found out is that I was working on a special operation, and I needed information from NSA ... from another unit. And when I went to that unit and I said “I need this information”, and I dealt with [satellite spy operations], and I did that in the black world. I was a special operations officer. I would literally go do special missions that were in the black world where I would travel overseas and do spooky stuff.

Cheney Was Running the Show

WASHINGTON’S BLOG: You said in one of your interviews that Dick Cheney ordered the intercepts that you found in the burn bags [the bags of documents which were slated to be destroyed because they were so sensitive].

Is that right ... and if so, how do you know that?

RUSSELL TICE: I did not know one way or the other until I talked to a very senior person at NSA who – much later – wanted to have a meeting with me. And we had a covert, clandestine style meeting. And that’s when this individual told me that the whole thing was being directed and was coming from the vice president’s office ... Cheney, through his lawyer David Addington.

WASHINGTON’S BLOG: It sounds like it wasn’t going through normal routes? It’s not like Cheney or Addington made formal requests to the NSA ... through normal means?

RUSSELL TICE: No, not normal at all. All on the sly ... all “sneaky pete” under the table, in the evening when most NSA employees are gone for the day. This is all being done in the evenings ... between like 7 [at night] and midnight.

NSA Is Spying On CONTENT as Well as Metadata

WASHINGTON’S BLOG: And from what you and others have said, it’s content as well as metadata?

RUSSELL TICE: Of course it is. Of course. [[Background](#). But [see this](#).]

NSA Spying On Journalists, Congress, Admirals, Lawyers ...

RUSSELL TICE: In 2009, I told [reporters] that they were going after journalists and news organizations and reporters and such.

I never read text of Congressman’s conversations. What I had was information – sometimes hand-written – of phone numbers of **Congressmen, their wives, their children, their staffers**, their home numbers, their cellphone numbers, their phone numbers of their residence back in Oregon or whatever state they’re from, and their little offices back in their state.

Or an **Admiral and his wife, and his kids and his staffers** ...

The main thing I saw more than anything else were *lawyers and law firms*. I saw more lawyers or law firms being wiretapped than anything else.

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These are the phone numbers I saw written. And then I would see those numbers incorporated into those lists with the columns of information about the phone number, and the serial number and the banks of recorders and digital converters and the data storage devices. I could see handwritten phone numbers and notes, sometimes with names, sometimes not.

Snowden and Greenwald's Whistleblowing Was Done In the Right Way

RUSSELL TICE: If Mr. Snowden would have had access to VRK, ECI, SAP, STO (and a few others that I will not mention here), and he released them *en masse* to the press, I would volunteer to shoot him as a traitor *myself*.

But this is *not* what he did.

He gave up JWICS info that he insisted be vetted for sources and methods, and true damage to national security. Mr. Greenwald and company should be congratulated on the restraint that they have shown with the JWICS documentation that they have in hand via Mr. Snowden.

Postscript: When Tice started blowing the whistle on NSA mass surveillance in the early 2000s, the NSA all of a sudden decided that Tice was “crazy”. As Tice told us:

For many years, I was the only NSA whistleblower in public.

And what they did is call me in – 9 months after my routine psychological evaluation – which I passed with flying colors, like every other one I've had in my entire career, passed with flying colors.

They called me in for an “emergency” psychological evaluation, and they declared me nuts.

I am a fairly good judge of character, and I found Tice to be humorous, self-deprecating in a healthy and light-hearted way, and consistent on the facts. Tice talked about how he was a pretty darn good football player in junior college, but no star athlete. He talked about how one reporter tried to make him out to be James Bond with leading man looks, and he thought that was ridiculous. We shared some normal “guy talk” about women. Tice has a little anger at the way the NSA tried to whitewash the mass surveillance that he uncovered (wouldn't you be?), but he wasn't enraged or over-the-top. Tice is also a patriotic American, not a subversive. Specifically, we spent a long time talking about the importance of the Constitution and the rule of law. In other words, Tice seems “oriented to reality”, completely sane, normal, ethical and bright to me.

And the following facts are more important than my personal impression:

- Many of Tice's allegations have been confirmed by Snowden and [other government whistleblowers](#). And see [this](#)
- Soviet leaders were famous for throwing dissidents into psychiatric wards. Unfortunately, the [same thing sometimes happens in modern America](#)

Given the way that the NSA has been [repeatedly caught in lies](#) about its surveillance programs – and the way that it has [attacked whistleblowers](#) – I believe Tice over the NSA.



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 **cactuspie**
2 years ago



More support for Michael Ruppert's contention in Crossing The Rubicon, that Cheney was the maestro of 9-11. Also the blackmailing of officials would explain a lot in recent times.

5 ^ ▾ Reply

 **Guest**
2 years ago



Joel Brenner, along with scores of others, should be prosecuted for this seemingly unending progression of state crimes against democracy (SCADs).

More about SCADs here:

<http://www.markdotzler.com/Mar...>

5 ^ ▾ Reply

 **Sean Vanity** → Guest
2 years ago



SCAD's are obviously too clueless to even understand our form of government, with that said, how can they even be taken seriously? We are a Republic, not a democracy. When they get themselves educated, and understand the difference between the two, then I will perhaps look into taking them seriously.


^ ▾ Reply

 **cettel**
2 years ago



This is yet another stellar piece from George Washington; and I wonder why there aren't thousands of reader-comments to such pieces here. This one, like those other stellar ones, cries out to go viral. But it doesn't happen. Do the public simply not care about what's important? I suppose that democracy is ended and that very few people really care.

5 ^ ▾ Reply

 **antoinepgrew** → cettel
2 years ago



"I wonder why there aren't thousands of reader-comments to such pieces here."

Because 24 million people still don't have work, and access to the net is limited by income. Basic TV news doesn't cover this stuff, which is the complaint that needs to be fixed.

6 ^ v Reply



Byron G. → antoinepgrew
4 months ago



Quite right. An individual now has to forage for pieces like this. The national media is willingly being lead on a leash by money & power. I would call it dereliction of responsibility but the ensuing yawns would annoy me.

^ v Reply



Carl_Herman → cettel
2 years ago



As a teacher of high school government and economics with 30 years' experience, I'm confident people care deeply, given the opportunity to reflect and consider our propagandized condition.

We who read and write get to be leaders, Eric, to draw attention to what we see as most important. Leaders, by definition, go first :)

4 ^ v Reply



Byron G. → Carl_Herman
4 months ago



Yes, there is usually more dry tender present than a barometer like the reader comments section suggests. The villagers tolerated Dr. Frankenstein and his suburban lab work for over 90 minutes before they finally got the torches and pitchforks out !

^ v Reply



Byron G. → cettel
4 months ago



Of those that read, some are likely nervous about posting. As we have seen, it doesn't take much political wake to get sweated by the IRS, for instance. Sad to say, but, the bastards seem to be winning at the moment.

^ v Reply



Michael Burns
2 years ago



In researching Northwoods And Other Short Stories, I discovered that General Edward Lansdale wrote the Northwoods memo. Lansdale, the CIA's top assassin, was identified by Fletcher Prouty as being in Dealey Plaza on the morning JFK was killed. The hijacking of our government all started with JFK's assassination:

<http://www.amazon.com/NORTHWOOD...>

4 ^ v Reply



Alan8 → Michael Burns
2 years ago



And it's documented that a CIA agent named "George Bush" was in Dallas the day of the assassination. George H. W. Bush has claimed that it was "another" CIA agent with the same name.

1 ^ v Reply



Alan8
2 years ago



This is a **CANCER** which has infested our government.

It may be terminal; they can blackmail ANYONE to prevent any real action from being taken on this.

Citizens must insist on disclosure of ALL this illegal spying, and PRISON TERMS for the dozens of criminals that have conspired to violate the 4th Amendment and turn our country into a police state.

3 ^ v Reply



hidflect
2 years ago



How long until the Israelis worm their way to the heart of this? Or is that why Bibi got 26 standing ovations from Congress when he visited?

3 ^ v Reply



Byron G. → hidflect
4 months ago



Did we ever learn who those "art students" really were ?

^ v Reply



Guest

2 years ago



Amazing how Amero-centric the discussions are on the videos (not WBlog - which is cosmopolitan): it is alright to spy on the rest of the world. And here's some of us thinking that Human Rights are indivisible and universal! Some additional points that need focus include:

1. The problem is the law - saying NSA follows the law is a cop out. Audi alterum partem is the essence of an adversarial legal system. And most do not get the chance. The NSA has lied to Congress... Clinton will get whacked for a little indiscretion but human rights violations on a grand scale... no problem.
2. In the discussions on World Summit on the Information Society WSIS and Internet Governance Forum the argument was that multilateral control over Critical Internet Resources (like ICANN and IANA) would break the internet. The "useful idiots" ACTUALLY pushed a line that the world can only have a "single root" otherwise the net would be broken - a bald faced lie: pushed by IETF even and others. Useful idiots included Vint Cerf whose 2006 IGF inputs are useful to look at again (tink thanks, eh?). The EU supported the US. And the developing world was cast as luddites who wanted to ruin the internet - including by asking for an Internet Bill of rights. The Electronic Frontier Foundation, IT4C in India and many other organisations pushed for change but were hounded and belittled and humiliated. Of particular interest is Karl Auerbach who suffered at the hands of useful idiots, the internet community... not a whistleblower as such, but a committed netizen...

It is time more Americans look at the contributions of the brown world - because multilateral standards can help protect us all - and we now know that the US ain't exceptional...

[see more](#)

3 ^ v Reply



Not Authorized → Guest

2 years ago



Any law the NSA claims to be "following", is an Ex Post Facto law. It's part of the routine. Get caught, pass a law making it legal after the fact. The same thing happened with Senate Report 93-549. This is status-quo operation.

Amendment 4 still stands, Article 6, still stands. The UN Charter and Treaty, including the UNDHR still stands. Kellogg-Briand still stands.

I have a right to be free from war as a national policy. That includes cyber warfare.

I've had enough. It's time for trials. Either these people clean house themselves and return to the Constitution they allegedly were defending to begin with, or they need to be arrested and tried for war crimes, and crimes against humanity.

War and the unhealthy obsession with Militarism, in order to dominate the entire Earth, has destroyed this place. Thanks dying Pacific Ocean.

2 ^ v Reply



telebob

2 years ago



An agency who's whole organizational purpose is spying, lying, and secrecy should be believed why? It's like the philosophical conundrum "This sentence is false."

2 ^ v Reply



Todd Giffen

2 years ago



some of you guys are wondering what the hell the black world programs Tice is talking about are. I have that information on my website. they have 1. massive amount of satellites with microwave interferometry, capable of scanning us and watching and recording us through buildings and ground, and even doing remote brain scans. 2. numerous phased array antenna systems including HAARP and HIPAS and more, actually dozens of these installed around the globe, capable of ground, building, and body penetrating tomography. 3. these systems are capable of remote brain and neurological scans giving government access to peoples thoughts and memories as thoughts and memories are stored in magnetic states and electrical activity in the brain, capable of being read and altered with military radar. The technology was patented in 1974 by Robert Malech DOD radar systems contractor, and was retro-fitted into all DOD systems by 1976. Other whistleblowers like DOD/CIA/USDOJ whistleblower Dr. Robert Duncan confirm this. A network of fiber optic cables and microwave backhaul transport this data back to DOD systems to the tune of 1.4 terabytes per second and they store extracted memory, visual data, auditory information, and more from human nervous systems, with other data about all

monitored people on earth. 4. People around the globe are getting attacked covertly by DOD and NSA and Air Force and DIA and CIA and FBI transmissions, and the public at large has no safety from whether or not the government uses this to either spy on them or subliminally or subconsciously or consciously manipulate them. I was actually spied on by the US DOJ in 2007/2008 with this system and then they used an electronic countermeasure to try to kill me in August of 2008 which caused calcium

[see more](#)

1 ^ v Reply



Byron G. → Todd Giffen
4 months ago



I assumed the true reason for Active Denial not being embraced by the Pentagon, even after the "60 Minutes" segment, is nervousness about the Public putting the pieces together on EM/RF. Now that quadriplegics can operate PC's with brain-link headsets, some folks may start to see the capability on the wall, so to speak.

But as soon as a Kardashian or similar TV type mentions cognitive terrorism then the landscape changes quickly. It's America, after all. We choose ignorance because we can.

^ v Reply



Byron G.
4 months ago



I regard Russel Tice as a national hero and American patriot. The same goes for Snowden, Binney, Bamford.

And, it concerns me greatly when the higher ups in the security apparatus ignore the dangers to democracy that these rogue Domestic spy programs pose. The debate over "security versus privacy" is well known. However, the recent and historical evidence of insider abuse of these advanced snooping powers is available for anyone to read (and it feels likely that not every such instance of spy-tech abuse was actually detected and publicly revealed, yes ?).

My understanding is that the federal judges tasked with approving warrants for specified search / snoop are generally inclined to say "yes". This is the best way to sustain a robust, covert defense of the country.

Because, the blanket approvals for Domestic spy programs are what ultimately set the stage for over-reach / abuse / scandal that inevitably spill into the headlines, and then prompting a damaging disclosure of our national Intel operations, amidst Congressional hearings (often accompanied by forced resignations or exodus to private sector of valuable Intel professionals). Examples could be political leaders checking on ex-spouses whereabouts or corporate earnings information or nude pics of neighbors etc. As we have recently also learned, DEA and Local drug convictions (being over-turned soon ?) that were built upon unlawfully obtained information via Echelon / Stellar Wind

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The ultimate goal of the NSA is total population control

Antony Loewenstein

At least 80% of all audio calls, not just metadata, are recorded and stored in the US, says whistleblower William Binney - that's a 'totalitarian mentality'

Thursday 10 July 2014 19.54 EDT

William Binney is one of the highest-level whistleblowers to ever emerge from the NSA. He was a leading code-breaker against the Soviet Union during the Cold War but resigned soon after September 11, disgusted by Washington's move towards mass surveillance.

On 5 July he spoke at a conference in London organised by the Centre for Investigative Journalism and revealed the extent of the surveillance programs unleashed by the Bush and Obama administrations.

"At least 80% of fibre-optic cables globally go via the US", Binney said. "This is no accident and allows the US to view all communication coming in. At least 80% of all audio calls, not just metadata, are recorded and stored in the US. The NSA lies about what it stores."

The NSA will soon be able to collect 966 exabytes a year, the total of internet traffic annually. Former Google head Eric Schmidt once argued that the entire amount of knowledge from the beginning of humankind until 2003 amount to only five exabytes.

Binney, who featured in a 2012 short film by Oscar-nominated US film-maker Laura Poitras, described a future where surveillance is ubiquitous and government intrusion unlimited.

"The ultimate goal of the NSA is total population control", Binney said, "but I'm a little optimistic with some recent Supreme Court decisions, such as law enforcement mostly now needing a warrant before searching a smartphone."

He praised the revelations and bravery of former NSA contractor Edward Snowden and told me that he had indirect contact with a number of other NSA employees who felt disgusted with the agency's work. They're keen to speak out but fear retribution and exile, not unlike Snowden himself, who is likely to remain there for some time.

Unlike Snowden, Binney didn't take any documents with him when he left the NSA. He now says that hard evidence of illegal spying would have been invaluable. The

latest Snowden leaks, featured in the Washington Post, detail private conversations of average Americans with no connection to extremism.

It shows that the NSA is not just pursuing terrorism, as it claims, but ordinary citizens going about their daily communications. “The NSA is mass-collecting on everyone”, Binney said, “and it’s said to be about terrorism but inside the US it has stopped zero attacks.”

The lack of official oversight is one of Binney’s key concerns, particularly of the secret Foreign Intelligence Surveillance Court (Fisa), which is held out by NSA defenders as a sign of the surveillance scheme's constitutionality.

“The Fisa court has only the government’s point of view”, he argued. “There are no other views for the judges to consider. There have been at least 15-20 trillion constitutional violations for US domestic audiences and you can double that globally.”

A Fisa court in 2010 allowed the NSA to spy on 193 countries around the world, plus the World Bank, though there’s evidence that even the nations the US isn’t supposed to monitor - Five Eyes allies Britain, Canada, Australia and New Zealand - aren’t immune from being spied on. It’s why encryption is today so essential to transmit information safely.

Binney recently told the German NSA inquiry committee that his former employer had a “totalitarian mentality” that was the “greatest threat” to US society since that country’s US Civil War in the 19th century. Despite this remarkable power, Binney still mocked the NSA’s failures, including missing this year’s Russian intervention in Ukraine and the Islamic State’s take-over of Iraq.

The era of mass surveillance has gone from the fringes of public debate to the mainstream, where it belongs. The Pew Research Centre released a report this month, Digital Life in 2025, that predicted worsening state control and censorship, reduced public trust, and increased commercialisation of every aspect of web culture.

It’s not just internet experts warning about the internet’s colonisation by state and corporate power. One of Europe’s leading web creators, Lena Thiele, presented her stunning series Netwars in London on the threat of cyber warfare. She showed how easy it is for governments and corporations to capture our personal information without us even realising.

Thiele said that the US budget for cyber security was US\$67 billion in 2013 and will double by 2016. Much of this money is wasted and doesn't protect online infrastructure. This fact doesn’t worry the multinationals making a killing from the gross exaggeration of fear that permeates the public domain.

Wikileaks understands this reality better than most. Founder Julian Assange and investigative editor Sarah Harrison both remain in legal limbo. I spent time with Assange in his current home at the Ecuadorian embassy in London last week, where he continues to work, release leaks, and fight various legal battles. He hopes to resolve his predicament soon.

At the Centre for Investigative Journalism conference, Harrison stressed the importance of journalists who work with technologists to best report the NSA stories. “It’s no accident”, she said, “that some of the best stories on the NSA are in Germany, where there’s technical assistance from people like Jacob Appelbaum.”

A core Wikileaks belief, she stressed, is releasing all documents in their entirety, something the group criticised the news site The Intercept for not doing on a recent story. “The full archive should always be published”, Harrison said.

With 8m documents on its website after years of leaking, the importance of publishing and maintaining source documents for the media, general public and court cases can’t be under-estimated. “I see Wikileaks as a library”, Assange said. “We’re the librarians who can’t say no.”

With evidence that there could be a second NSA leaker, the time for more aggressive reporting is now. As Binney said: “I call people who are covering up NSA crimes traitors”.

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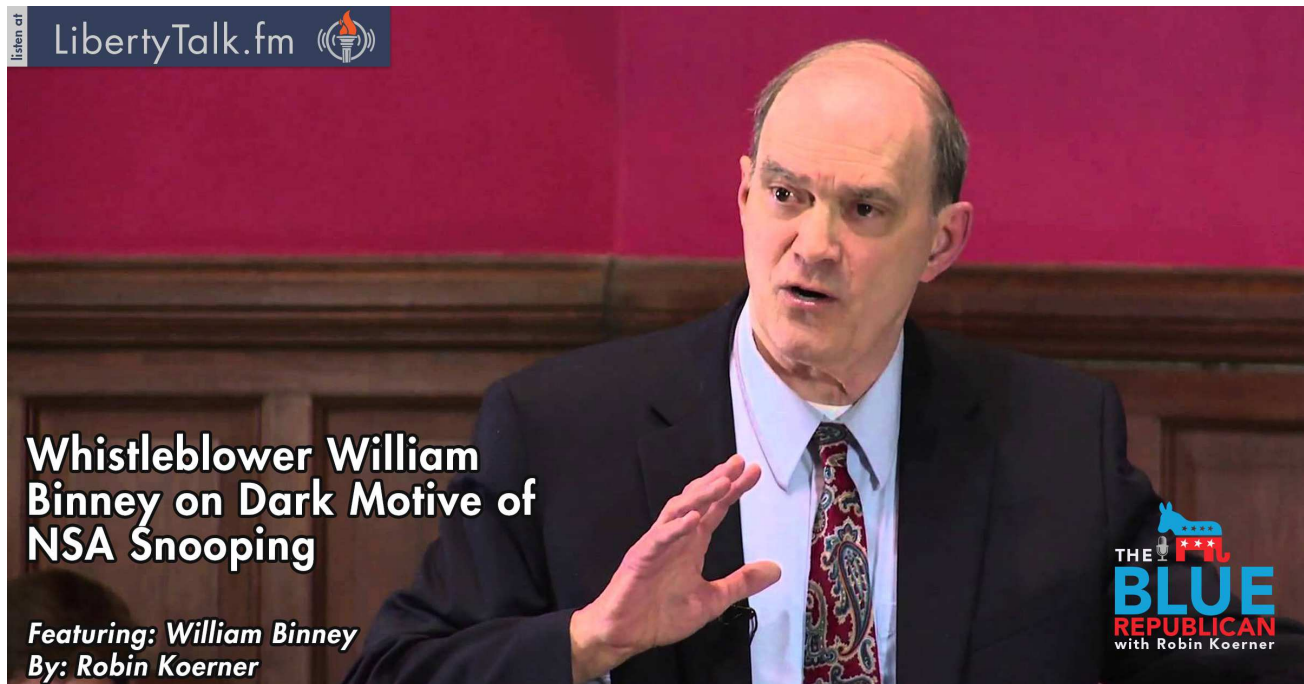
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NSA Whistle-blower, William Binney, Says Agency's Methods Make Us Less Safe

By **Robin Koerner** - Jul 22, 2015



In a very powerful exclusive interview, I recently had the privilege of speaking to an American hero, William Binney, NSA whistleblower.

We discussed how NSA mass data collection makes us LESS safe; how the intentions behind it are not misguided but positively nefarious; how the lies that have been told about it are snowballing, and how Rand Paul presidential candidacy may uniquely represent an opportunity for change.

Click below for the audio – or read the astonishing transcript that follows.

ROBIN KOERNER: Welcome to a very important edition of **Blue Republican Radio with Robin Koerner**. This is all a more appropriate edition considering we have just had the 800th anniversary of the Magna Carta. We are going to be talking today to a man who, to me, is a hero. I imagine he is a hero to many of my listeners. We've all heard of Edward Snowden; maybe not so many of us have heard of Bill Binney – we should have – but Bill Binney is the NSA whistleblower of 2002, whom I will be speaking to today, and who performed a great service to our nation when he saw that the NSA was implementing a bastardized version of the technology that he created to protect to

security and liberty of Americans – and he saw that that bastardized version was to be used en masse to violate the liberties and privacy of Americans.

Bill Binney – welcome to the show. Thank you so much; this is a privilege. Have I fairly characterized the trigger of your leaving the NSA of which you were a veteran for between 30 and 40 years?

BILL BINNEY: Yes, you pretty much captured it. I mean, when they started spying basically on everybody, first in the United States and then around the world on the entire planet, I mean, that's something that violated everybody's privacy and that's something I couldn't be associated with, so ... I had to get out of there as fast as I could when that happened.

ROBIN: Now, your most senior title – if I can put it that way – at the NSA, and correct me if I am wrong, was Director of World Geopolitical and Military Analysis Reporting Group. Did I get that right?

BILL: Yes, that's right. Yeah. About 6000 analysts doing all the reporting and analysis around the world.

ROBIN: And so that's why when I say that it was really your technology, it was technology that you personally, directly managed the development of that is now being deployed – I would say – against United States' citizens, would that be fair? As I say, a bastardized version with the protections removed.

BILL: Yes, that's right.

ROBIN: Now, I know, Bill, that you have been asked in countless interviews (many of which can be found online and many of which are excellent) about the details, the factual details, of the violations; what it was that you saw; what you blew the whistle on; what's happened to you since and I can urge all my listeners to go and check out those interviews and get those facts. It's shocking and it's important. As I say, this is important information that is out there in the public domain, thanks entirely in many instances to you. So I don't want to cover the ground that I know you must've covered time and time again – with all these news stations. I am going to try and ask you something a little different. Maybe I'll fail, maybe I'll succeed, but I'd like to start off with this simple question because I am guessing you must have thought about this a lot. Why is it that agents...that the security agents on the one hand and our politicians on the other – so consistently want to violate our rights? What do they believe they're doing? Are they badly informed good guys or are they just bad guys?

BILL: I don't think it's quite black and white like that, but if you stop and think about what they're doing now: it's like hiding what the government is doing. It's like trying to keep what the federal government is doing secret from the people when, in fact, our founding principles were that people were supposed to know what the government's doing not the reverse, and we've got exactly the opposite situation now.

ROBIN: Yes.

BILL: What it really boils down to, if you look down through history, this is nothing new. This is since Caesar Augustus. This kind of activity has gone on with central governments around the world with dictatorships and so on. Its whole objective is population control and also control of political enemies, who are people who are doing things that you don't want to happen. So it's a way of controlling the environment inside your country and also way of manipulating people. So, I mean, if you have information on everybody on the planet that means you might have material to blackmail them or influence them, one way or the other, to make a decision that you want them to make.

ROBIN: Do you actually think that kind of reasoning was going on in the heads of, let's say, George W. Bush or Obama? Are they actually consciously thinking that?

BILL: Well, I think it started with Dick Cheney, yes.

ROBIN: Okay.

BILL: Yeah, I think it was because that's exactly... I mean, Dick Cheney learned under Richard Nixon, and that was Richard Nixon's policy and what Richard Nixon was doing with the programs, MINARETTE at NSA, COINTELPRO at FBI and CHAOS at CIA, is exactly what the three agencies are doing now under Bush and Obama. They're doing exactly the same thing except orders of magnitude, more, more, more and in fact if you read the impeachment proceedings, or the articles of impeachment of Richard Nixon, you could apply them directly to what's going on today.

ROBIN: Absolutely. Now, at least though on the surface, the likes of Cheney were telling us that he was doing it for our own good, obviously... Are you going so far as to say that you think that we are **compromising liberty for security**? We don't agree with that, we don't believe that is necessary, but is that even a cover? Was Cheney politically motivated for his own political ends rather than for a misguided notion of securing his country? Are you going that far?

BILL: I would. I mean, that's the standard procedure that these dictatorships and despots down through history have always done. They've disguised everything in terms of "I'm protecting you, and I'm doing this in your interest" and when in fact they're not, so, I mean, the Nazis used this. You know, down through history, lots of people have used this kind of attack.

ROBIN: So do you think...?

BILL: This is nothing new really.

ROBIN: Oh no, it's absolutely not new. That's clear. As you say, we see it throughout history. I was watching a clip of Obama on his podium a while ago saying different folks can make different decisions, and can argue about where we draw the line and how much we could compromise for liberty, for security. That's very different from thinking that this guy is trying to collect something that he has a nefarious intention to use against political enemies. I mean, is it...? It just seems astonishing that there are so many evil people in one place, if indeed that's true.

BILL: Well, I mean, look what the IRS did with the Tea Party or the Occupy group, what they did with them with the FBI and so on. All these organizations have direct access to this data in NSA databases. The IRS has direct access through the SOD and the DEA to get into the database of the NSA, showing the entire social network of everybody in the country, in fact, everybody in the world. Now, they're supposed to be looking at it to find tax fraud or tax evasion or, you know, money laundering, things like that...but that's not what they're doing. They're doing many other things with it... And the FBI is also doing things with it like they have direct access too, and none of this is being monitored or overseen by the congress or the courts or anybody. This is all done... You don't hear anybody talking about what FBI is doing with the NSA collected data. That's because they're doing it in secret. I mean, they're also using it to convict people of crimes, and that's what they're doing – they're looking at it for criminal activity.

ROBIN: Okay.

BILL: But I also say that... It's my personal opinion that they used this data to get rid of Elliot Spitzer when he was going after the bankers on Wall Street for defrauding people in the 2008 financial crisis. And so the probable cause to go after him was "he's after the bankers, we have to stop him;" that's the probable cause, so the FBI went into the NSA databases (emails, phone calls, you know, financial transactions – all of that) and found something to embarrass him and get rid of him.

ROBIN: Now, who...?

BILL: And that protected their bankers.

ROBIN: So what would be in it for the people who authorized that? Are you saying that they're being paid off to abuse this information in this way? Is there financial gain?

BILL: Let's put it this way: when Mueller of the FBI and Alexander of the NSA retired, they formed a cyber-security consulting group, and they were asking, if you remember, a million dollars a month for their consulting fees. After there was such a reaction to that kind of thing, they reduced it down to \$600,000/month for their consulting fee. Well, I think I read somewhere in Washington Post – I believe – that their first customers were the bankers on Wall Street.

ROBIN: I see..

BILL: It does set a very bad image doing that. You see that gives the appearance of things. If you're in government, that's one of the one things you have to do is to always avoid even the appearance of a conflict of interest.

ROBIN: Yes indeed. Now, that would be for personal financial gain. In what ways, if any that you know about, has this massive body of information about all Americans that the NSA has collected, how has that been deployed for political purposes? I mean, do you know of any examples? I mean, it's a big claim we're making here.

BILL: Yeah, well, I mean, the direct use of it is the IRS gets the Tea Party.

ROBIN: And so who would have authorized that?

BILL: Well, the connection, at least from what's come out so far from the investigation in congress, is that woman in the IRS (I can't remember her name) had communications back to the White House.

ROBIN: Yes.

BILL: Don't know who in the White House but somebody.

ROBIN: Wow. We're going into break. We're going into the break. Bill, we'll come back and discuss this after.

[MUSIC]

ROBIN: This is Robin Koerner with Blue Republican Radio talking to an American hero, William Binney. William, we've talked a little bit about the political and personal gain that seems to drive, perhaps, the collection and abuse of data by the NSA. What about you...? I mean, you are a veteran of the agency. You were a very senior employee of America's secret service. What motivates the folks who turn up to work every day, who aren't maybe in the White House or in the IRS with decision-making power? They're doing their jobs. They've got to know that they are engaged en masse in a violation of the basic principles of our nation. Are they just "jobsworths"? Do they just think the ideas of the Constitution are quaint and just not something to be bothered with – that they just don't apply? Is there a certain personality type, is there a cultural issue that is enabling this, by inertia, to continue?

BILL: Actually, they've done some studies over the years in NSA the type of employees they have ... If you're familiar with the Myers & Briggs personal character traits.

ROBIN: Indeed.

BILL: And the testing that goes into that.

ROBIN: Yes.

BILL: I believe it came out at one point when they ran the test across the entire agency, they had 85% of the people in NSA working there were characterized as ISTJ. That means introverted, sensing, technical and judgmental.

ROBIN: Yes. Thinking and judgmental.

BILL: Yeah, these are the kind of people who focus on a job right in front of them. They like to isolate themselves, they're not interactive with others that much, and so these are the kind of people that are easily threatened, which is what's going on. Internally in NSA, they're threatening them. In fact, the government's threatening them, you know, across the board; that's why Obama's prosecuting so many people for whistleblowing.

ROBIN: Yes.

BILL: Because he wants to keep a secret government, keep everything secret and no transparency whatsoever, so to speak. You only become transparent when you're exposed by a whistleblower and that's what he doesn't like, so you have to stop that

and so that's what he's doing. Internally in NSA, they're also threatening by saying (this is a Stasi tactic) 'see something, say something' of your coworkers, and you're also responsible now to report your coworkers to internal security for any potential...another potential Snowden is what they're after. But by doing that, they they're making it totally... they're totally destroying the work environment internally.

ROBIN: Yes.

BILL: I mean, how can you work with somebody who's going to be watching you for everything you're doing, and if you do something that they don't like, they report you for it. So, I mean, it's like the Stasi all over again.

ROBIN: Does this give you any – I know this is going to sound like a strange question, Bill – but does that fact give you any cause for optimism? In the sense that this is not a tenable situation in the long run. It doesn't seem like it can go on indefinitely. Something has to break. Or is that just a naïve thought?

BILL: No, no, no. I think it is fundamentally destroying the work environment, and ... you know, we're paying over a hundred billion dollars a year to the intelligence community inside this country alone. Just ask yourselves, how many times have they warned us in advance of any of these attacks that we've been having. The answer is they haven't, right?

ROBIN: But, but would we know? I remember Clinton, when he left office, saying that the secret services between them stopped some large number of attacks during his presidency. (I can't remember what the number was.) And he actually did put a number out and it was quite significant. So would folks within the NSA, the CIA, the FBI – I mean, the people who are using these data – would they agree with you or would they just say that Bill's factually wrong; that we've stopped 15 attacks in the last 3 years because, you know, of this information? Would they say that?

BILL: I mean, if you recall Senator Leahy's investigation into that. Originally, they started claiming there were 54 attacks they stopped, and when the judiciary committee looked into it a little further, they found out, well, the number dropped down to 30-something and then 13-something, and then down to 1.

ROBIN: Right.

BILL: And the 1 they gave was the guy from in the West Coast or somewhere over there in the West Coast who sent \$8500 to Al-Shabaab. Well, look at it this way: when you

transfer that money, one end is in Africa, so it is not a domestic issue. So zero attacks domestically have ever been prevented. That is the whole point of it. When they came under real scrutiny, they claim any number of things, but as long as you don't put them under the sunlight and examine what they're saying, they're lying to you. I mean, they have a track record of lying to you. Clearly, look what Clapper said, look what Alexander said in front of congress. I mean, they lied to congress, don't you think they lie to us?

ROBIN: Sure.

BILL: Then congress lies to themselves; that's what's going on. That's why the Amash-Conyers group coalition – that wasn't even a committee – of Democrats and Republicans got together to try to unfund the NSA activity a year ago. And the reason they did that was because they finally realized that they were being lied to by the committees and by the agencies and by the administration.

ROBIN: So, do we have to...?

BILL: Well, I mean, the whole point was all of this activity was done in secret with a secret court behind closed doors and they were trying to keep an uninformed public and an uninformed congress, so they could manipulate them and pull their strings and say "do this and do that and if you don't," you know, "thousands of people are gonna die and this...." And that's the threat they generally throw out.

ROBIN: So what do you think is the end of all of this? I mean, are there any systemic or systematic ways that We The People or maybe good politicians – if there are such things – can undo this? Or do we actually have to wait for it to eat itself because some of our political class are using this abusively derived information against others in the political class, and they tear themselves apart such that, like you say, eventually the higher-ups even get hurt by this. Is that what happens or is there something that we can do to accelerate the end of this nefarious setup?

BILL: Yeah, well, I think there is. It requires that people stand up. I mean, most people think they are powerless, but they're not, they have all the power. I mean, they have the power of the vote that fires everybody, and they also have the power of the purse of not giving money to them and also you can influence corporations by saying if you contribute to them, I'm not going to buy your products anymore. Or you can call up your candidates or people running for office and say: 'if you don't do this, I'm not going to contribute to you, in fact, I'm going to work against you and contribute to the other side and try to find somebody who'd actually try to terminate this activity.' The only one so far in congress that seems really willing to stop it all is Rand Paul.

ROBIN: Yes.

BILL: The rest of them seem to be going along with it, and they're being duped too because they don't know what they're talking about. They're just misinformed or ill-informed about what going on. They don't really realize that you don't have to sacrifice any privacy to get security.

ROBIN: And that's the point that you've been making. Soon after you blew the whistle, I know you went to quite some lengths to get people with decision-making power and even the judiciary to understand this fact: that it's just a myth that we need to trade our liberty/privacy to get our security, right?

BILL: That's right. The difference is that the path they've taken is, like Alexander said, 'we're gonna to collect it all.' Well, that path means it's an ever-increasing amount of data that you have to collect year after year. That means you've committed yourself and congress and the people of the United States to committing more and more money every year to keep up with that ever-increasing amount of data. And so, you have to invest more, the budget grows, you know, you get a bigger budget. And as that grows also, you have to find places to store it so you now have to build more storage facilities like on Fort Meade they're planning a 2.8 million sq. ft. facility coming up here. We know this because they submitted an environmental impact statement talking about it. So we know they're putting this huge facility that is 3 times the size of Bluffdale.

ROBIN: That's the facility in Utah, right? The data storage facility in Utah?

BILL: Yes, the Bluffdale, UT, facility. Yeah, that's a million sq. ft. facility – this one is 2.8, so that is close to 3 times the size and it's going on in Fort Meade. Well, you figure it's going to take 5 or maybe a little more than 5 years to build that and \$4bn or \$5bn so that's more to the budget. So once you do that, then you have to capture all the data, needs more communications are transported into the storage and then you have to have more contractors to manage the data and to manipulate it for the analysts, and you need more analysts and so on. So you see this is how you build a big empire, but in the process you sacrifice the ability to do the mission.

BILL: When you lose the professional focus and discipline of finding the targets and finding the bad guys...

ROBIN: Bill, we're going into the break, so we'll carry on when we come back...

[COMMERCIAL BREAK]

ROBIN: This is Robin Koerner with Blue Republican Radio, talking to William Binney, NSA whistleblower back in 2002, and he's been working hard since to get the word out about just how horrendously the government through its secret agencies are violating the rights of Americans. And Bill, I'm sorry. At the end of the last segment, the bumper music there cut you off, and you were in the process of making a critical point about how the more we take in, the worse becomes our ability to actually use the information that we do take in for the benefit of our security.

BILL: Yes. See the point is: the more data you take in, the more you have to look at or sort through or have programs going through to find information. And they don't have automated analysis programs, so what they do is they do sort routines or selection routines that will pull data out and will give it to much like a Google search, and then they will return that to the analyst to look at, to try to figure things out. Well, I mean, when you take in the entire world and all the contents and metadata of everybody on the planet, you end up with massive amounts of data like a standard Google query, except probably worse than that because they've got more data than Google does. See, they have all the transactional data, which Google doesn't have, so... Google only has a limited amount. In the Google returns, you can get 100,000 to 1 million or 2 returns, and if you get that every day, your analysts could never get through it, so they never really find necessarily what is important to look at.

ROBIN: Yes.

BILL: And another way to look at it is: if you require your analysts to look at everybody in the planet, which is about 4 billion people using electronic devices. Then, assume if you had all these countries —the "Five Eyes," and the other 8 countries that are participating with the NSA in this kind of data (acquisition and analysis) – then perhaps you could assemble 20,000 analysts among all of them. Once you have that, then you have to divide the 20,000 into 4 billion that means each analyst, if you could uniquely divide it up, would have to monitor 200,000 people. That's like a, you know, fairly good-sized city.

ROBIN: Yes.

BILL: So it's kind of hard to imagine how any analyst could possibly do that, so by taking this approach instead of using a disciplined, professional attack, they have made their analysts totally dysfunctional and they can't succeed. Case in point: the shooting in Texas. Two days before those two gunmen tried to get in to kill people and that cartoon contest down in Texas, a member of Anonymous tipped off the local police that this attack was going to happen two days in advance of it. Now that's what our intelligence

community is supposed to do, but our intelligence community said absolutely nothing. Why? Because they're looking at massive amounts of people. They don't have the focused look that Anonymous did.

ROBIN: Yeah.

BILL: If they took that approach, they would succeed virtually every time. I don't know how they could miss it.

ROBIN: Now, does this tie into what you were saying earlier then, Bill? I mean, you would think that the NSA, out of some form of self-interest, would want to improve their methods so that they could be more successful. Is the reason that they don't do that – they would rather use this catchall that is failing – because the catchall-that's-failing method is actually better for the political blackmail, etc., etc., and the self-interest of the higher parties that you mentioned earlier? Is it that they actually don't really care about the success of their methods in terms of American security, but they have a different agenda altogether? Is that why they stick with it?

BILL: Yes, yes. That's exactly what, from what I've seen, is what they've done.

ROBIN: Wow!

BILL: They traded the security of the people of the United States and the free world and our allies around the world for money... The whole idea is that to do a focused, disciplined approach doesn't cost anywhere near the amount of money, nor would you need any of the storage. They wouldn't have to build that facility; they wouldn't have had to build that facility in Bluffdale. There is a money interest to get a bigger budget and a bigger operation so that you can manage more. That's what their focus is, and they basically assume that if they collect it all, eventually down the road somebody'll figure out how to get through it and work out things that are smart. And they'll have algorithms go through it and figure it out for us. So eventually they're planning somewhere down the road, but in the meantime we're all vulnerable and much more vulnerable than we've ever been.

ROBIN: That makes a lot of sense, Bill. Would you say, again based on your experience with the internal culture of American secret services and of the people that you worked with, that the culture morally corrupts folks? I imagine a lot of people go in to, as I think you did, this work because they're patriots: they care about their fellow Americans; they care about their country, their people; and they want to do the best they can – they want to apply their skills for the good of their nation. Now, they get in to that culture

and they see that the driving intentions aren't what they thought they were. That there are other interests being pursued. Do many folks get corrupted within the organization?

BILL: Yes. As a matter of fact, I refer to that process as the "cloning process."

ROBIN: Okay.

BILL: Once you get into management, say it's a GS-15 starting, maybe 14 – but 15 you really get into. Then at super grades, you're really being cloned into corporate thinking. I refer to it as "corporate über alles." It's like when they had so many programs running that we call "legacy programs," things that existed. Then, they need get any new ideas to be dependent on the things that they've got running already, so they could keep those things funded.

ROBIN: Right. Okay.

BILL: That's the whole thinking, the whole process of how you build your empire and require more and more money to sustain it.

ROBIN: Yeah.

BILL: That's really what they've been doing, and instead of taking new, fresh approaches, they've resorted to trying to sustain everything they've got and that they developed over time – even some of the analog systems. It's just a, you know, a whole way of thinking from a corporate perspective...

ROBIN: That's fascinating.

BILL: ... that doesn't necessarily have any influence on mission outcomes. In fact, it's contrary to it. In fact, when I joined the agency, the values of the agency were mission first, then your people, then your organization, and then yourself. And when I left, they were exactly the reverse.

ROBIN: Hmm...okay. That makes sense.

BILL: The mission is last in line for values.

ROBIN: Yeah. Okay, I understand. Interestingly, earlier in the interview –you mentioned Rand Paul, and I want to just ask you a little bit about that because I know for a lot of folks who identify with the liberty movement, there's a certain hopelessness about the

electoral process. They believe that any application of people-power to the electoral process is basically hopeless because that process is hopelessly corrupt. Now, is it fair to say that – given that you offered the name of Rand Paul – that you believe, that you apply effort to supporting candidates like him, to shining the light on candidates like him, and that you think it is worth turning out to support folks like Rand Paul – and that it is possible, at least in theory, that a Rand Paul presidency would not become corrupted in the same way that a George W. or a Barack Obama presidency did? Do you believe that?

BILL: Yes, I do because...actually I'm trying to help as much as I can. I mean, if he gets the right advisors and doesn't fall for the bamboozling of the intelligence community, then, he would have it right, and I believe that he will not fall for that. At least, so far, he's evidenced the fact that he wouldn't. He's made it pretty clear that all the existing laws that we had would function well as long as we abided by the constitution.

ROBIN: Yes.

BILL: He's advocating for more intrusive investigation of people who are suspect or in a zone of suspicion around bad guys.

ROBIN: Yeah.

BILL: That's the disciplined, professional approach that really we need to succeed, and he's got that focus and he said that on the floor of the Senate in his filibuster basically for 11 hours down there.

ROBIN: Yes.

BILL: He said that, and that's really pretty clear. I mean, that's really the way they have to do it. That's the way Anonymous did it; that's why they succeeded.

ROBIN: Yeah.

BILL: Our intelligence community is consistently failing on that. I mean, the FBI is really good at entrapping people, but, you know, those aren't the real threats. I mean the real threats that were coming – fundamentally, most of them succeeded. The ones that failed failed because their devices failed, you know, or some local policeman saw them and stopped them.

ROBIN: Yeah, that makes sense.

BILL: So that should be clear evidence that they're doing something wrong. I mean, after all, if you're running an organization that's not succeeding, you're doing something wrong. You've got to change. That's really pretty simple.

ROBIN: Now, the beginning of that answer, Bill, just to make sure that I was clear. Did I hear you say that you were advising Rand Paul or talking to him about these matters?

BILL: Yeah, we're passing advice to people who are working with him...

ROBIN: Okay.

BILL: ... so that we can try to contribute to him that way.

ROBIN: I see. That makes a lot of sense. And I should say — full disclosure — I'm the communications director for Ready for Rand PAC at www.readyforrand.com. So I'm actually delighted to hear that you, one of my heroes, is helping Rand. And, actually more importantly to me, I haven't sat down across the table with Rand Paul and looked the man in the whites of his eyes, and I think it's always important to do that. So I do feel a little better that you feel that he is a man of integrity and that you could even see him, in your mind's eye in office, maintaining that integrity and his belief in the constitution. I certainly hope you're right about that. Now, what about other political engagement? It amazes me and I'm British — as you can tell from my accent, Bill — but it kind of amazes me just how much we now know in the United States about the abuses of individual liberties and, yet, nobody seems to be marching in the street. Nobody is handcuffing themselves to the diggers in Utah building — this massive institution for violation of American rights. Are Americans apathetic? Are we antipathetic? Are we ... should we be out in the streets, let's say, exerting our Second Amendment rights at this point? What's wrong with us, Bill. What's wrong with us?

BILL: Okay, I think there are several things, and I said some of this in different meetings and talks and interviews.

ROBIN: Sure.

BILL: We are, we are... We've been for the last about 240 years very accustomed to having a country, a government that does the right thing. We wear the white hats; they try to do the right thing by us, and they try at least to be, for the most part, honest with us. And so, we have built up this internal trust in our central government to do the right thing or to try to do the right thing. That's because we haven't had a dictator here since George III, I might add. And so what we ended up doing, as I keep saying over and

over again, what we ended up doing was trading George III for George the W. And so from there on, it went worse.

ROBIN: And you know I've said often, Bill, that George III never signed an executive order in his life. And to find the last English king that signed an executive order, you actually have to go back an entire century before the George III and to get to James, who was actually kicked out for his one executive order. So, I think I've got to say: **I think our President is more of a monarch**, and maybe even in the terms we're discussing a dictator, than ever George III was.

BILL: I'm basically referring to it now as an imperial presidency.

ROBIN: Indeed.

BILL: For that reason, I mean, because everything is so secret and they don't want it out in the open and they can't, you know... they say the right words in public: 'yes, we wanna have a... it's not time to have an open discussion about this,' but they're not open at all about it. I mean the biggest thing they've not talked about is that all of the contents of the communications (emails and phone calls) that they're doing now. Recently in The Intercept, they published some articles about using automated translations to do some rough translations of voice calls. Well, that means they're doing it on the orders of millions of calls every day. They're doing rough translations just to get words out to see if there is some word that might hit their list that they might want to look at that conversation a little more closely. Then they'll use people to do a full transcription.

ROBIN: Yeah.

BILL: This is basically what I think Adrienne Kinne and David Murphy-Fawkes were doing at Fort Gordon, GA. They were transcribers doing transcriptions of US communications with other US people without a warrant, and according to FISA, those were federal felonies. That was also true when Tom Tamm — Thomas Tamm who was a DOJ lawyer — who was charged to write up request for warrants to the FISA court. And he saw all these warrantless wiretaps and warrantless reading of emails coming through as justification for probable cause. They should have gone through the FISA court, and here they were using the data that they already collected to go through as justification for probable cause to get a warrant from the FISA court. So you know, this is the collection of content that's been going on all along — even the latest SIG report came out at the bottom of page 8, the top of page, it says in there where Addington told General Hayden of NSA that (this was in the first 45 days of the authorization of 4 October,

2001, of the President).. he was telling Hayden that the President's authorization authorized him to collect content of US citizens as well as metadata.

ROBIN: Wow.

BILL: So, I mean, this is the whole point that this has been going on all along and they keep claiming they're not doing content and that's just an outright lie.

ROBIN: Presumably, though, there's also just a very simple motivation about this, which is nobody wants to be caught with their pants down, right? Nobody wants to have been caught in the lie, so we're now in this kind of rut of having to build lies on lies on lies.

BILL: Right. And then everybody is involved so they all have to support it like McConnell in the Senate, all the leadership in the house and senate, the FISA Court, and the intelligence committees, and the Attorney General. They're all a part of it, so they have to support it.

ROBIN: Now we've only got about a minute left in this segment, Bill, but do you think there is a change in zeitgeist now either among the People or the political class or both? Back towards individual rights? Rand Paul did do his filibuster. We got the USA Freedom Act –not ideal—but is it a step in the right direction? Or is it a whitewash? And again, we've only got about 45 seconds left, but what do you think about that?

BILL: It is basically a step in the right direction, but by no means anywhere near something that really, I mean... they're only doing the surface stuff. They already have separate programs already acquiring most of that data any way. In the upstream acquisition of data, that's where they're tapping directly into the fiber lines and taking everything in bulk (content and metadata). For metadata, they probably get about 80% of it with the upstream program, and the Section 215 stuff was illegally acquired but it was the extra 20% that they were missing from the upstream, so it really doesn't do that much. We need to do a lot more.

ROBIN: Thanks, Bill. We're going into the final break. This is Robin Koerner with Bill Binney on Blue Republican Radio.

[BREAK]

ROBIN: In the final segment, I just want to ask you, Bill – and thanks again for being here with me on Blue Republican Radio — is it worse in America than everywhere else or

is everywhere else catching up? Is this an American anti-civil liberties disease or is it a global one?

BILL: Well, it started all here within the US and it focused on US citizens. Then it spread around the world for the US to do it, but also at the same time the Five Eyes group (Canada, UK, Australia, New Zealand, and the US) went together on this and then other countries were joining it. So that you see that they're all adopting the same procedures of bulk acquisition of data and information and using it to share...and they're sharing it back and forth. Just recently the Bundesamt found out that the B&D, the equivalent of the NSA and CIA over in Germany, was also sharing data with NSA, and collecting data on their own citizens. So it's really a worldwide process that started here but is infecting entire governments, democracies around the world as well. And so it's really destroying the entire fabric of democracy everywhere on the planet. I mean, Ronald Reagan used to say that "we're a country with a government," well, now we're a government with a country and we're making everybody else that way too.

ROBIN: My god. That seems to be such a depressing note to end on. I would just say... I mentioned at the beginning of this show that we've just marked the **800th anniversary of the Magna Carta**. In history, some things keep repeating themselves, and my little contribution to this was to set up at www.magnacarta.us — and I invite any of the listeners to go to magnacarta.us. I have rewritten the Magna Carta for our time in which I've listed to a set of grievances and made a set of demands, of those who would rule us, to undo some of the extreme violations of the basic individual liberties that we've been fighting for 800 years but are now undergoing in this country, and – if you have been listening to Bill, are affecting citizens around the world. Also, if you care about these issues, please go to www.blurepublican.org, stick your name in the box, and join the mailing list. Check out the archives: we have some fantastic guests; we discuss issues like this a lot. We had **Coleen Rowley, the 2002 Time Magazine Person of the Year, discussing similar issues recently – check that out in the archives**. Bill, thank you very much for being with me on Blue Republican Radio.

(With thanks to Hema Gorzinnski for transcribing.)

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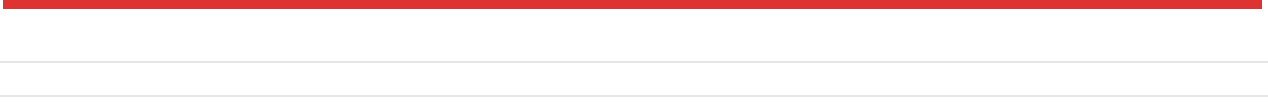
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Snowden saw what I saw: surveillance criminally subverting the constitution

Thomas Drake

So we refused to be part of the NSA's dark blanket. That is why whistleblowers pay the price for being the backstop of democracy

Wednesday 12 June 2013 07.00 EDT

What Edward Snowden has done is an amazingly brave and courageous act of civil disobedience.

Like me, he became discomforted by what he was exposed to and what he saw: the industrial-scale systematic surveillance that is scooping up vast amounts of information not only around the world but in the United States, in direct violation of the fourth amendment of the US constitution.

The NSA programs that Snowden has revealed are nothing new: they date back to the days and weeks after 9/11. I had direct exposure to similar programs, such as Stellar Wind, in 2001. In the first week of October, I had an extraordinary conversation with NSA's lead attorney. When I pressed hard about the unconstitutionality of Stellar Wind, he said:

"The White House has approved the program; it's all legal. NSA is the executive agent."

It was made clear to me that the original intent of government was to gain access to all the information it could without regard for constitutional safeguards. "You don't understand," I was told. "We just need the data."

In the first week of October 2001, President Bush had signed an extraordinary order authorizing blanket dragnet electronic surveillance: Stellar Wind was a highly secret program that, without warrant or any approval from the Fisa court, gave the NSA access to all phone records from the major telephone companies, including US-to-US calls. It correlates precisely with the Verizon order revealed by Snowden; and based on what we know, you have to assume that there are standing orders for the other major telephone companies.

It is technically true that the order applies only to meta-data. The problem is that in the digital space, metadata becomes the index for content. And content is gold for determining intent.

This executive fiat of 2001 violated not just the fourth amendment, but also Fisa rules at the time, which made it a felony - carrying a penalty of \$10,000 and five

years in prison for each and every instance. The supposed oversight, combined with enabling legislation - the Fisa court, the congressional committees - is all a kabuki dance, predicated on the national security claim that we need to find a threat. The reality is, they just want it all, period.

So I was there at the very nascent stages, when the government - wilfully and in deepest secrecy - subverted the constitution. All you need to know about so-called oversight is that the NSA was already in violation of the Patriot Act by the time it was signed into law.

Vast surveillance regime created by willful&deliberate violation 1st/4th/5th Amend N deepest of secrecy, intent 2 spy on all & 'own the net'

— Thomas Drake (@Thomas_Drake1) June 11, 2013

When I was in the US air force, flying an RC-135 in the latter years of the cold war, I was a German-Russian crypto-linguist. We called ourselves the "vacuum-cleaner of the sky" because our capability to gather information was enormous at the time. But it was always outward-facing; we could not collect on US targets because that was against the law. To the US government today, however, we are all foreigners.

I became an expert on East Germany, which was then the ultimate surveillance state. Their secret police were monstrously efficient: they had a huge paper-based system that held information on virtually everyone in the country - a population of about 16-17 million. The Stasi's motto was "to know everything".

NSA - dystopian Stasi on Steroids that just wants "to know everything" about anybody, anytime, anywhere--regardless of any & all constraints

— Thomas Drake (@Thomas_Drake1) June 9, 2013

So none of this is new to me. The difference between what the Bush administration was doing in 2001, right after 9/11, and what the Obama administration is doing today is that the system is now under the cover and color of law. Yet, what Snowden has revealed is still the tip of the iceberg.

General Michael Hayden, who was head of the NSA when I worked there, and then director of the CIA, said, "We need to own the net." And that is what they're implementing here. They have this extraordinary system: in effect, a 24/7 panopticon on a vast scale that it is gazing at you with an all-seeing eye.

I lived with that dirty knowledge for years. Before 9/11, the prime directive at the NSA was that you don't spy on Americans without a warrant; to do so was against the law - and, in particular, was a criminal violation of Fisa. My concern was that we were more than an accessory; this was a crime and we were subverting the constitution.

I differed as a whistleblower to Snowden only in this respect: in accordance with the Intelligence Community Whistleblower Protection Act, I took my concerns up within the chain of command, to the very highest levels at the NSA, and then to Congress and the Department of Defense. I understand why Snowden has taken his course of

action, because he's been following this for years: he's seen what's happened to other whistleblowers like me.

By following protocol, you get flagged - just for raising issues. You're identified as someone they don't like, someone not to be trusted. I was exposed early on because I was a material witness for two 9/11 congressional investigations. In closed testimony, I told them everything I knew - about Stellar Wind, billions of dollars in fraud, waste and abuse, and the critical intelligence, which the NSA had but did not disclose to other agencies, preventing vital action against known threats. If that intelligence had been shared, it may very well have prevented 9/11.

But as I found out later, none of the material evidence I disclosed went into the official record. It became a state secret even to give information of this kind to the 9/11 investigation.

I reached a point in early 2006 when I decided I would contact a reporter. I had the same level of security clearance as Snowden. If you look at the indictment from 2010, you can see that I was accused of causing "exceptionally grave damage to US national security". Despite allegations that I had tippy-top-secret documents, In fact, I had no classified information in my possession, and I disclosed none to the Baltimore Sun journalist during 2006 and 2007. But I got hammered: in November 2007, I was raided by a dozen armed FBI agents, when I was served with a search warrant. The nightmare had only just begun, including extensive physical and electronic surveillance.

In April 2008, in a secret meeting with the FBI, the chief prosecutor from the Department of Justice assigned to lead the prosecution said, "How would you like to spend the rest of your life in jail, Mr Drake?" - unless I co-operated with their multi-year, multimillion-dollar criminal leak investigation, launched in 2005 after the explosive New York Times article revealing for the first time the warrantless wiretapping operation. Two years later, they finally charged me with a ten felony count indictment, including five counts under the Espionage Act. I faced upwards of 35 years in prison.

In July 2011, after the government's case had collapsed under the weight of truth, I plead to a minor misdemeanor for "exceeding authorized use of a computer" under the Computer Fraud and Abuse Act - in exchange for the DOJ dropping all ten felony counts. I received as a sentence one year's probation and 240 hours of community service: I interviewed almost 50 veterans for the Library of Congress veterans history project. This was a rare, almost unprecedented, case of a government prosecution of a whistleblower ending in total defeat and failure.

So, the stakes for whistleblowers are incredibly high. The government has got its knives out: there's a massive manhunt for Snowden. They will use all their resources to hunt him down and every detail of his life will be turned inside out. They'll do everything they can to "bring him to justice" - already there are calls for the "traitor" to be "put away for life".

#Snowden chose 2 free darkside NatSec info as magnificent act of selfless civil disobedience 2 protect our liberty.m.guardiannews.com/world/2013/jun...

— Thomas Drake (@Thomas_Drake1) June 9, 2013

He can expect the worst; he knows that. He went preemptively overseas because that at least delays the prying hand of the US government. But he could be extracted by rendition, as he has said. Certainly, my life was shredded. Once they have determined that you are a "person of interest" and an "enemy of the state", they want to destroy you, period.

I am now reliving the last 12 years from what's been disclosed in the past week. I feel a kinship with Snowden: he is essentially the equivalent of me. He saw the surveillance state from within and saw how far it's gone. The government has a pathological incentive to collect more and more and more; they just can't help themselves - they have an insatiable hoarding complex.

Since the government unchained itself from the constitution after 9/11, it has been eating our democracy alive from the inside out. There's no room in a democracy for this kind of secrecy: it's anathema to our form of a constitutional republic, which was born out of the struggle to free ourselves from the abuse of such powers, which led to the American revolution.

That is what's at stake here: to an NSA with these unwarranted powers, we're all potentially guilty; we're all potential suspects until we prove otherwise. That is what happens when the government has all the data.

Latest NSA revelations: ppl must get clear & present danger of authoritarian totalitarianism via the Leviathan NatSec state & surveillance

— Thomas Drake (@Thomas_Drake1) June 9, 2013

The NSA is wiring the world; they want to own internet. I didn't want to be part of the dark blanket that covers the world, and Edward Snowden didn't either.

We are seeing an unprecedented campaign against whistleblowers and truth-tellers: it's now criminal to expose the crimes of the state. Under this relentless assault by the Obama administration, I am the only person who has held them off and preserved his freedom. All the other whistleblowers I know have served time in jail, are facing jail or are already incarcerated or in prison.

That has been my burden. I've dedicated the rest of my life to defending life, liberty and pursuit of happiness. I didn't want surveillance to take away my soul, and I don't want anyone else to have to live it.

For that, I paid a very high price. And Edward Snowden will, too. But I have my freedom, and what is the price for freedom? What future do we want to keep?

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A professional headshot of a middle-aged man with short, dark brown hair. He is wearing a dark navy blue suit jacket over a white dress shirt and a vibrant red necktie. The background is a soft-focus blue with subtle white cloud-like patterns. The lighting is even, highlighting his facial features.

Born	1961
Occupation	Intelligence analyst
Employer	U.S. Air Force, Office of Naval Intelligence, Defense Intelligence Agency, National Security Agency
Known for	Whistleblowing

In December, 2005, Tice helped spark a national controversy over claims that the NSA and the DIA were engaged in unlawful and unconstitutional wiretaps on American citizens. He later admitted that he was one of the sources for the 2005 *New York Times* reporting on the wiretapping activities. After speaking publicly about the need for legislation to protect whistleblowers, Tice received national attention as the first NSA-whistleblower in May 2005 before William Binney, Thomas Andrews Drake, Mark Klein, Thomas Tamm, and Edward Snowden came forward.

[illegible]

Tice worked as an intelligence analyst for the U.S. Air Force, Office of Naval Intelligence, and Defense Intelligence Agency (DIA). During his nearly 20-year career with various United States government agencies, he conducted intelligence missions related to the Kosovo War, Afghanistan, the USS *Cole* bombing in Yemen, and Operation Iraqi Freedom. Wikipedia: Citation needed Tice was transferred from the Defense Intelligence Agency to the National Security Agency in 2002.

In April 2001 Tice reported his suspicions that an Asian-American woman he was working with was a Chinese spy, saying she had voiced sympathies for China, travelled extensively abroad and displayed affluence beyond her means.^{[2][3]} Tice was told his suspicions were unfounded.

After moving to the NSA, Tice continued to report his concerns. In April 2003, he wrote an email to the person at DIA handling his suspicions "questioning the competence of counterintelligence at FBI" and stating that he suspected he was being electronically monitored. According to Tice the DIA told him there was "reason to be concerned" about the female DIA analyst being a spy.

Shortly thereafter an NSA security officer ordered Tice to report for a "psychological evaluation", even though he had done so only nine months earlier. The psychologist from the Department of Defense concluded that Tice suffered from psychotic paranoia. In a statement written to the Inspector General, Tice stated that the psychologist "did this even though he admitted that I did not show any of the normal indications of someone suffering from paranoia". Tice said that three other psychiatric evaluations, including two at the NSA, showed he was normal and just two found him mentally unbalanced. Tice would later say that "I knew from that day that my career was over." Tice's security clearance was suspended and he was reassigned to maintaining vehicles in the motor pool for 8 months in what Tice considered "administrative punishment."

He had been nominated to receive a medal for work he had done during the Iraq war, but after his clearance was suspended it was withdrawn.

The Pentagon Inspector General's office investigated the NSA for possibly retaliating against Tice. A defense official said Tice seemed 'to have been punished unfairly' and that it appeared he had communicated "substantive concerns". Tice claimed he was "being retaliated against because [he] followed the rules and reported suspicious behavior".

Tice said in a 2014 interview, "For many years, I was the only NSA whistleblower in public. And what they did is call me in – 9 months after my routine psychological evaluation – which I passed with flying colors, like every other one I've had in my entire career, passed with flying colors. They called me in for an "emergency" psychological evaluation, and they declared me nuts."

Whistleblower

Tice was dismissed by the NSA in May 2005, just days after publicly urging Congress to pass stronger protections for federal intelligence agency whistleblowers facing retaliation, and claiming that whistleblowers were being punished. In September 2005, the Inspector General issued an unclassified report that found "no evidence" to support Tice's claims.

According to Tice, claims that he had psychological problems are "bunk" and that 'that's the way the NSA deals with troublemakers and whistleblowers'.

In December 2005, Tice alleged that both (NSA) and the DIA were engaged in unlawful and unconstitutional conduct against the American people, sparking a national controversy. Tice stated that the activities involved the Director of the NSA, the Deputies Chief of Staff for Air and Space Operations, and the U.S. Secretary of Defense, and were conducted via very highly sensitive intelligence programs and operations known as special access programs (SAP), more commonly referred to as "black world" programs, or "black ops". Tice was a technical intelligence specialist dealing with SAP programs and operations at both NSA and DIA.

On December 16, the *New York Times* revealed that the NSA was engaged in a clandestine eavesdropping program that bypassed the secret Foreign Intelligence Surveillance Act (FISA) court. Media reports on January 10, 2006, indicated Tice was a source of the *Times* leak, which revealed that, under the direction of the White House and without requisite court orders, the NSA has been intercepting international communications to and from points within the United States.

In a letter dated December 18, 2005, to the Senate Select Committee on Intelligence, the House Permanent Select Committee on Intelligence, and to Senator Pat Roberts, Chairman of the Senate Select Committee on Intelligence, he said he was prepared to testify about the SAP programs, under the provisions of the Intelligence Community Whistleblower Protection Act. It is not known, however, what the testimony would specifically involve.

It has been assumed that the problem concerned the electronic surveillance of Americans, but in an interview published 13 January 2006, Tice said:

"there's no way the programs I want to talk to Congress about should be public ever, unless maybe in 200 years they want to declassify them. You should never learn about it; no one at the *Times* should ever learn about these things. But that same mechanism that allows you to have a program like this at an extremely high, sensitive classification level could also be used to mask illegality, like spying on Americans."

In a press release issued by the National Security Whistleblowers Coalition on December 22, 2005, Tice explained the public aspect of his charges, stating that, "As a Signals Intelligence (SIGINT) officer it is continually drilled into us that the very first law chiseled in the SIGINT equivalent of the Ten Commandments (USSID-18) is that Thou shall not spy on American persons without a court order from FISA. This law is continually drilled into each NSA intelligence officer throughout his or her career. The very people that lead the National Security Agency have violated this holy edict of SIGINT".

On December 23, 2005, the *Austin American-Statesman* reported Tice's allegations that spying on Americans may involve a massive computer system known as ECHELON, which is able to search and filter hundreds of thousands of phone calls and e-mails in seconds.

On January 3, 2006, Tice appeared on the national radio/TV show *Democracy Now!* and said he wanted to testify before Congress. Tice said "I'm involved with some certain aspects of the intelligence community, which are very closely held, and I believe I have seen some things that are illegal".

On January 5, 2006, *The Washington Times* reported that Tice wanted to testify before Congress about electronic intelligence programs that he asserted were carried out illegally by the NSA and DIA. "I intend to report to Congress probable unlawful and unconstitutional acts conducted while I was an intelligence officer with the National Security Agency and with the Defense Intelligence Agency," Tice stated in letters, dated December 16, 2005 and disclosed by the *New York Times*.

In a letter dated January 10, 2006, Renee Seymour, Director of the NSA Special Access Programs Central Office, warned Tice that members of neither the House Permanent Select Committee on Intelligence, nor of the Senate Select Committee on Intelligence had clearance to receive the classified information about the SAP's that Tice was prepared to provide. An article by Chris Strohm in *Government Executive* says that some congressional staffers believe that Tice "comes with baggage".

In reaction to Tice's claims, Rush Limbaugh and Bill O'Reilly, two prominent figures in conservative media, launched an offensive against his credibility. On his Fox News broadcast of January 11, 2006, O'Reilly said that Tice should be jailed for his whistleblowing activity. But Tice told ABC News that "As far as I'm concerned, as long as I don't say anything that's classified, I'm not worried...We need to clean up the intelligence community. We've had abuses, and they need to be addressed."

On February 14, 2006, United Press International (UPI) reported Tice testified to the House Government Reform Subcommittee on National Security, Emerging Threats and International Relations that the Special Access Program might have violated millions of Americans' Constitutional rights, but that neither the committee members nor the

NSA inspector general had clearance to review the program.

On May 12, 2006, ThinkProgress reported a story by CongressDaily in which Tice was said to be planning an appearance the next week, before the Senate Armed Service Committee, when further revelations would be made about "a different angle" of the NSA's surveillance program. Ultimately this did not occur and it is still unclear why.

On July 26, 2006, he was subpoenaed to appear before a federal grand jury regarding violations of federal law. He stated, "This latest action by the government is designed only for one purpose: to ensure that people who witness criminal action being committed by the government are intimidated into remaining silent".^[4]

On January 21 and 22, 2009, Tice appeared on MSNBC's *Countdown with Keith Olbermann* and stated that while he worked in the NSA, his role was to follow the communications of specific individuals in a program separate from the one that had been previously disclosed. Tice also stated that programs were given dual military and intelligence status so that both types of congressional oversight could be simultaneously denied. Tice said he initially understood that he was to identify the communication methods of journalists (and entire news organizations) so that they could avoid collection. He said it was difficult for him to communicate securely after he became a whistleblower since "I knew all my communications were tapped, my phones, my computer, and I've had the FBI on me like flies".

On the heels of the first Edward Snowden NSA disclosures in 2013, Tice was asked during an interview on *All In with Chris Hayes*, "What was your experience in trying to blow the whistle from inside the NSA? And does it make you understand why Snowden might have done what he did?" Tice replied,

Oh, absolutely. I learned the hard way, you cannot trust any of the internal supposed mechanisms that are there for oversight. The chain of command, the IG [Inspector General]'s office, even at the DOD IG I found was basically trying to put a knife in my back.

The Whistleblower Protection Act does not apply to the intelligence community. They're exempt from it. And most people in the intelligence community, they don't realize that. So, you can't even go to the Office of Special Counsel because they're exempt from that, too, and the merit system protection board.

So even if you use the whistleblower - intelligence community Whistleblower Protection Act, the only thing that gives you is the right to go to Congress. It doesn't - it doesn't have any teeth there to protect you against retribution from the agency that you're reporting abuse on.

Asked in June 2013 by *The Guardian* to comment on the early revelations about phone data collection by the NSA, Tice said: "What is going on is much larger and more systemic than anything anyone has ever suspected or imagined ... I figured it would probably be about 2015 [before the NSA had] the computer capacity ... to collect all digital communications word for word ... But I think I'm wrong. I think they have it right now."

Later during the summer of 2013 Tice alleged that during his employment with the NSA, the agency had a program that targeted the phone and computer conversations, word for word, members of Congress, the Supreme Court, Admirals and Generals, and that the NSA had wiretapped Barack Obama while he was a Senate candidate, saying he had seen and held papers ordering such actions. Tice claimed the surveillance extended to lawyers and law firms, judges (one of whom "is now sitting on the Supreme Court ... two are former FISA court judges"), State Department officials, people "in the executive service that were part of the White House", antiwar groups, US companies and banking and financial firms that do international business, NGOs and humanitarian groups such as the Red Cross, and antiwar civil rights groups. In his opinion, this 'wide-ranging' surveillance could offer intelligence agencies 'unthinkable power to blackmail their opponents'. Tice said he was "worried that the intelligence community now has sway over what is going on". Tice gave an example in an interview with RT, saying "I noticed that the intelligence community is not being hit with the sequester... Is there some kind of leverage that is being placed on our three branches of government to make sure that the intelligence community gets what they want? In other words, is the intelligence community running this country, not our government."^[5]

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- [1] http://en.wikipedia.org/w/index.php?title=Template:NSA_surveillance&action=edit
- [2] Patrick Radden Keefe (17 January 2006), The Professional Paranoid (http://www.slate.com/articles/news_and_politics/politics/2006/01/the_professional_paranoid.html) *Slate*
- [3] Chris Strohm (19 January 2006), Ex-NSA official seeks avenue for sharing new allegations (<http://www.govexec.com/defense/2006/01/ex-nsa-official-seeks-avenue-for-sharing-new-allegations/20988/>) *Government Executive*
- [4] NSA whistleblower is subpoenaed to testify before Federal Grand Jury ([http://www.nswbc.org/Press Releases/PR-TiceSubpoena-July28-06.htm](http://www.nswbc.org/Press_Releases/PR-TiceSubpoena-July28-06.htm)) July 28, 2006
- [5] Iraq's hell, anti-surveillance fashion, dissecting Syria war propaganda (<http://rt.com/shows/breaking-set-summary/iraq-fashion-chemical-weapons-442/>) *RT* Interview with Russ Tice, 5 September 2013

External links

- Russ Tice (<http://www.imdb.com/name/nm2422707/>) at the Internet Movie Database
- *Breaking the Set* interview (<http://rt.com/shows/breaking-set-summary/iraq-fashion-chemical-weapons-442/>) (video)

Article Sources and Contributors

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Signals intelligence

"Sigint" redirects here. For other uses, see Sigint (disambiguation).

Signals intelligence (often abbreviated as **SIGINT**) is intelligence-gathering by interception of signals, whether between people ("**communications intelligence**"—**COMINT**) or from electronic signals not directly used in communication ("electronic intelligence"—**ELINT**), or a combination of the two. As sensitive information is often encrypted, signals intelligence often involves the use of cryptanalysis. Also, traffic analysis—the study of who is signaling whom and in what quantity—can often produce valuable information, even when the messages themselves cannot be decrypted.

As a means of collecting intelligence, signals intelligence is a subset of intelligence collection management, which, in turn, is a subset of intelligence cycle management.

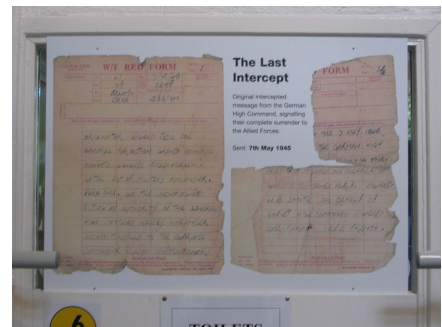
History

For more details on this topic, see Signals intelligence in modern history.

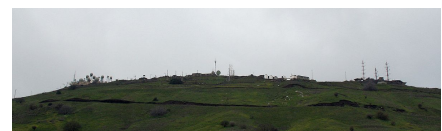
Intercepting written but encrypted communications, and extracting information, probably did not lag long after the development of writing. A simple encryption system, for example, is the Caesar cipher. Electronic interception appeared as early as 1900, during the Boer Wars. The Boers had captured some British radios, and, since the British were the only people transmitting at the time, no special interpretation of the signals was necessary.



RAF Menwith Hill, a large site in the United Kingdom, part of ECHELON and the UKUSA Agreement. (2005)



The last German message intercepted by the British during World War II, signaling Germany's unconditional surrender



Unit 8200 (the SIGINT unit of the Israeli Intelligence Corps) base on Mount Avital, Golan Heights

Signals intelligence work can be dangerous even in peacetime. Numerous peacetime international incidents involving the loss of life, including the USS Liberty incident, USS Pueblo (AGER-2) incident, and the shooting down of Flight 60528, occurred during signals intelligence missions.

In the United States, there has been legal controversy over what signal intelligence can be used for and how much freedom the National Security Agency has to use signal intelligence. Therefore, the government has recently changed how it uses and collects certain types of data, specifically phone records. President Barack Obama has asked lawyers and his national security team to look at the tactics that are being used by the NSA. President Obama made a speech on January 17, 2014 where he defended the national security measures, including the NSA, and their intentions for keeping the country safe through surveillance. He said that it is difficult to determine where the line should be drawn between what is too much surveillance and how much is needed for national security because technology is ever changing and evolving, therefore, the laws cannot keep up with the rapid advancements.

However, President Obama did make some changes to the national security laws and how much data can be legally collected and surveyed. The first thing that was added, was more presidential directive and oversight so that privacy and basic rights are not violated. The president would look over requests on behalf of American citizens to make sure that their personal privacy is not violated by the data that is being requested. Secondly, surveillance tactics and procedures are becoming more public, including over 40 rulings of the FISC that have been declassified. Thirdly, further protections are being placed on activities that are justified under Section 702, such as the ability to retain, search and use data collected in investigations, which allows the NSA to monitor and intercept interaction of targets overseas. Finally, national security letters, which are secret requests for information that the FBI uses in their investigations, are becoming less secretive. The secrecy of the information requested will not be definite and will terminate after a set time if future secrecy is not required. Concerning the bulk surveillance of Americans phone records, President Obama also ordered a transition from bulk surveillance under Section 215 to a new policy that will eliminate un-necessary bulk collection of metadata.

The details of this transition are still being worked out. One of the proposals being investigated is an outside third party source holding the bulk metadata, where the NSA would then need to ask permission to access the data if it is relevant to national security. President Obama emphasized that the government is not spying on ordinary citizens, but rather working to keep America safe.



A52 *Oste*, an Oste class ELINT (Electronic signals intelligence) and reconnaissance ship, of the German Navy



Satellite ground station of the Dutch Nationale SIGINT Organisatie (NSO) (2012)

More technical definitions of SIGINT and its branches

In the United States and other nations involved with NATO, signals intelligence is defined as:

- A category of intelligence comprising either individually or in combination all communications intelligence (COMINT), electronic intelligence (ELINT), and foreign instrumentation signals intelligence, however transmitted.
- Intelligence derived from communications, electronic, and foreign instrumentation signals.

The JCS definition may overemphasize "foreign instrumentation signals". That part should be considered in combination with measurement and signature intelligence (MASINT), which is closely linked to foreign instrumentation such as telemetry or radio navigation. An ELINT sensor may find a radar, and then cue (i.e., guide) a COMINT sensor for listening in on the talk between the radar and its remote users. A nonspecific SIGINT sensor can cue a Frequency Domain MASINT sensor that can help identify the purpose of the signal. If MASINT cannot identify the signal, then the intelligence organization may task an IMINT aircraft or satellite to take a picture of the source, so photo interpreters can try to understand its functions.

Being a broad field, SIGINT has many sub-disciplines. The two main ones are communications intelligence (COMINT) and electronic intelligence (ELINT). There are, however, some techniques that can apply to either branch, as well as to assist FISINT or MASINT.

Disciplines shared across the branches

Targeting

A collection system has to know to look for a particular signal. "System", in this context, has several nuances. Targeting is an output of the process of developing *collection requirements*:

- "1. An intelligence need considered in the allocation of intelligence resources. Within the Department of Defense, these collection requirements fulfill the essential elements of information and other intelligence needs of a commander, or an agency.
- "2. An established intelligence need, validated against the appropriate allocation of intelligence resources (as a requirement) to fulfill the essential elements of information and other intelligence needs of an intelligence consumer."

Need for multiple, coordinated receivers

First, atmospheric conditions, sunspots, the target's transmission schedule and antenna characteristics, and other factors create uncertainty that a given signal intercept sensor will be able to "hear" the signal of interest, even with a geographically fixed target and an opponent making no attempt to evade interception. Basic countermeasures against interception include frequent changing of radio frequency, polarization, and other transmission characteristics. An intercept aircraft could not get off the ground if it had to carry antennas and receivers for every possible frequency and signal type to deal with such countermeasures.

Second, locating the transmitter's position is usually part of SIGINT. Triangulation and more sophisticated radio location techniques, such as time of arrival methods, require multiple receiving points at different locations. These receivers send location-relevant information to a central point, or perhaps to a distributed system in which all participate, such that the information can be correlated and a location computed.

Intercept management

Modern SIGINT systems, therefore, have substantial communications among intercept platforms. Even if some platforms are clandestine, there is a broadcast of information telling them where and how to look for signals. A United States targeting system under development in the late 1990s, PSTS, constantly sends out information that helps the interceptors properly aim their antennas and tune their receivers. Larger intercept aircraft, such as the EP-3 or RC-135, have the on-board capability to do some target analysis and planning, but others, such as the RC-12 GUARDRAIL, are completely under ground direction. GUARDRAIL aircraft are fairly small, and usually work in units of three to cover a tactical SIGINT requirement, where the larger aircraft tend to be assigned strategic/national missions.

Before the detailed process of targeting begins, someone has to decide there is a value in collecting information about something. While it would be possible to direct signals intelligence collection at a major sports event, the systems would capture a great deal of noise, news signals, and perhaps announcements in the stadium. If, however, an anti-terrorist organization believed that a small group would be trying to coordinate their efforts, using short-range unlicensed radios, at the event, SIGINT targeting of radios of that type would be reasonable. Targeting would not know where in the stadium the radios might be, or the exact frequency they are using; those are the functions of subsequent steps such as signal detection and direction finding.

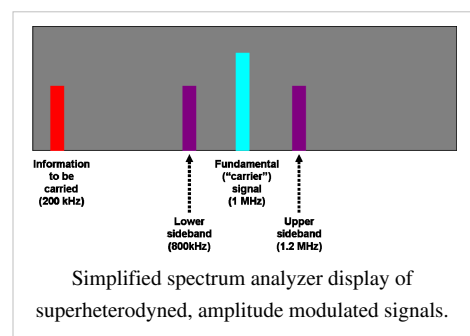
Once the decision to target is made, the various interception points need to cooperate, since resources are limited. Knowing what interception equipment to use becomes easier when a target country buys its radars and radios from known manufacturers, or is given them as military aid. National intelligence services keep libraries of devices manufactured by their own country and others, and then use a variety of techniques to learn what equipment is acquired by a given country.

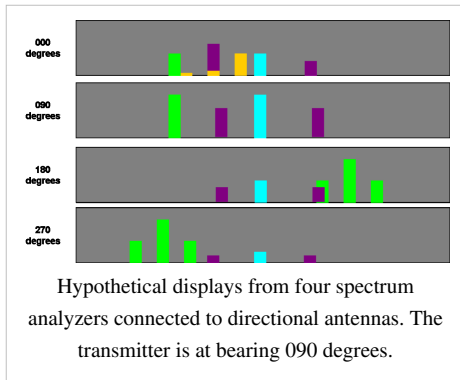
Knowledge of physics and electronic engineering further narrows the problem of what types of equipment might be in use. An intelligence aircraft flying well outside the borders of another country will listen for long-range search radars, not short-range fire control radars that would be used by a mobile air defense. Soldiers scouting the front lines of another army know that the other side will be using radios that must be portable and not have huge antennas.

Signal detection

Even if a signal is human communications (e.g., a radio), the intelligence collection specialists have to know it exists. If the targeting function described above learns that a country has a radar that operates in a certain frequency range, the first step is to use a sensitive receiver, with one or more antennas that listen in every direction, to find an area where such a radar is operating. Once the radar is known to be in the area, the next step is to find its location.

If operators know the probable frequencies of transmissions of interest, they may use a set of receivers, preset to the frequencies of interest. These are the frequency (horizontal axis) versus power (vertical axis) produced at the transmitter, before any filtering of signals that do not add to the information being transmitted. Received energy on a particular frequency may start a recorder, and alert a human to listen to the signals if they are intelligible (i.e., COMINT). If the frequency is not known, the operators may look for power on primary or sideband frequencies using a spectrum analyzer. Information from the spectrum analyzer is then used to tune receivers to signals of interest. For example, in this simplified spectrum, the actual information is at 800 kHz and 1.2 MHz.





Real-world transmitters and receivers usually are directional. In the figure to the left, assume that each display is connected to a spectrum analyzer connected to a directional antenna aimed in the indicated direction.

Countermeasures to interception

Spread-spectrum communications is an electronic counter-countermeasures (ECCM) technique to defeat looking for particular frequencies. Spectrum analysis can be used in a different ECCM way to identify frequencies not being jammed or not in use.

Direction-finding

Main article: Direction finding

The earliest, and still common, means of direction finding is to use directional antennas as goniometers, so that a line can be drawn from the receiver through the position of the signal of interest. (See HF/DF.) Knowing the compass bearing, from a single point, to the transmitter does not locate it. Where the bearings from multiple points, using goniometry, are plotted on a map, the transmitter will be located at the point where the bearings intersect. This is the simplest case; a target may try to confuse listeners by having multiple transmitters, giving the same signal from different locations, switching on and off in a pattern known to their user but apparently random to the listener.

Individual directional antennas have to be manually or automatically turned to find the signal direction, which may be too slow when the signal is of short duration. One alternative is the Wullenweber array technique. In this method, several concentric rings of antenna elements simultaneously receive the signal, so that the best bearing will ideally be clearly on a single antenna or a small set. Wullenweber arrays for high-frequency signals are enormous, referred to as "elephant cages" by their users.

An alternative to tunable directional antennas, or large omnidirectional arrays such as the Wullenweber, is to measure the time of arrival of the signal at multiple points, using GPS or a similar method to have precise time synchronization. Receivers can be on ground stations, ships, aircraft, or satellites, giving great flexibility.

Modern anti-radiation missiles can home in on and attack transmitters; military antennas are rarely a safe distance from the user of the transmitter.

Traffic analysis

Main article: Traffic analysis

When locations are known, usage patterns may emerge, from which inferences may be drawn. Traffic analysis is the discipline of drawing patterns from information flow among a set of senders and receivers, whether those senders and receivers are designated by location determined through direction finding, by addressee and sender identifications in the message, or even MASINT techniques for "fingerprinting" transmitters or operators. Message content, other than the sender and receiver, is not necessary to do traffic analysis, although more information can be helpful.

For example, if a certain type of radio is known to be used only by tank units, even if the position is not precisely determined by direction finding, it may be assumed that a tank unit is in the general area of the signal. Of course, the owner of the transmitter can assume someone is listening, so might set up tank radios in an area where he wants the other side to believe he has actual tanks. As part of Operation Quicksilver, part of the deception plan for the invasion of Europe at the Battle of Normandy, radio transmissions simulated the headquarters and subordinate units of the fictitious First United States Army Group (FUSAG), commanded by George S. Patton, to make the German defense think that the main invasion was to come at another location. In like manner, fake radio transmissions from Japanese

aircraft carriers, before the Battle of Pearl Harbor, were made from Japanese local waters, while the attacking ships moved under strict radio silence.

Traffic analysis need not focus on human communications. For example, if the sequence of a radar signal, followed by an exchange of targeting data and a confirmation, followed by observation of artillery fire, this may identify an automated counterbattery system. A radio signal that triggers navigational beacons could be a landing aid system for an airstrip or helicopter pad that is intended to be low-profile.

Patterns do emerge. Knowing a radio signal, with certain characteristics, originating from a fixed headquarters may be strongly suggestive that a particular unit will soon move out of its regular base. The contents of the message need not be known to infer the movement.

There is an art as well as science of traffic analysis. Expert analysts develop a sense for what is real and what is deceptive. Harry Kidder, for example, was one of the star cryptanalysts of World War II, a star hidden behind the secret curtain of SIGINT.

Electronic Order of Battle

Generating an **Electronic order of battle** (EOB) requires identifying SIGINT emitters in an area of interest, determining their geographic location or range of mobility, characterizing their signals, and, where possible, determining their role in the broader organizational order of battle. EOB covers both COMINT and ELINT. The Defense Intelligence Agency maintains an EOB by location. The Joint Spectrum Center (JSC) of the Defense Information Systems Agency supplements this location database with five more technical databases:

1. FRRS: Frequency Resource Record System
 2. BEI: Background Environment Information
 3. SCS: Spectrum Certification System
 4. EC/S: Equipment Characteristics/Space
 5. TACDB: platform lists, sorted by nomenclature, which contain links to the C-E equipment complement of each platform, with links to the parametric data for each piece of equipment, military unit lists and their subordinate units with equipment used by each unit.
-

For example, several voice transmitters might be identified as the command net (i.e., top commander and direct reports) in a tank battalion or tank-heavy task force. Another set of transmitters might identify the logistic net for that same unit. An inventory of ELINT sources might identify the medium- and long-range counter-artillery radars in a given area.

Signals intelligence units will identify changes in the EOB, which might indicate enemy unit movement, changes in command relationships, and increases or decreases in capability.

Using the COMINT gathering method enables the intelligence officer to produce an electronic order of battle by traffic analysis and content analysis among several enemy units. For example, if the following messages were intercepted:

1. U1 from U2, requesting permission to proceed to checkpoint X.
2. U2 from U1, approved. please report at arrival.
3. (20 minutes later) U1 from U2, all vehicles have arrived to checkpoint X.

This sequence shows that there are two units in the battlefield, unit 1 is mobile, while unit 2 is in a higher hierarchical level, perhaps a command post. One can also understand that unit 1 moved from one point to another which are distant from each 20 minutes with a vehicle. If these are regular reports over a period of time, they might reveal a patrol pattern. Direction-finding and radiofrequency MASINT could help confirm that the traffic is not deception.

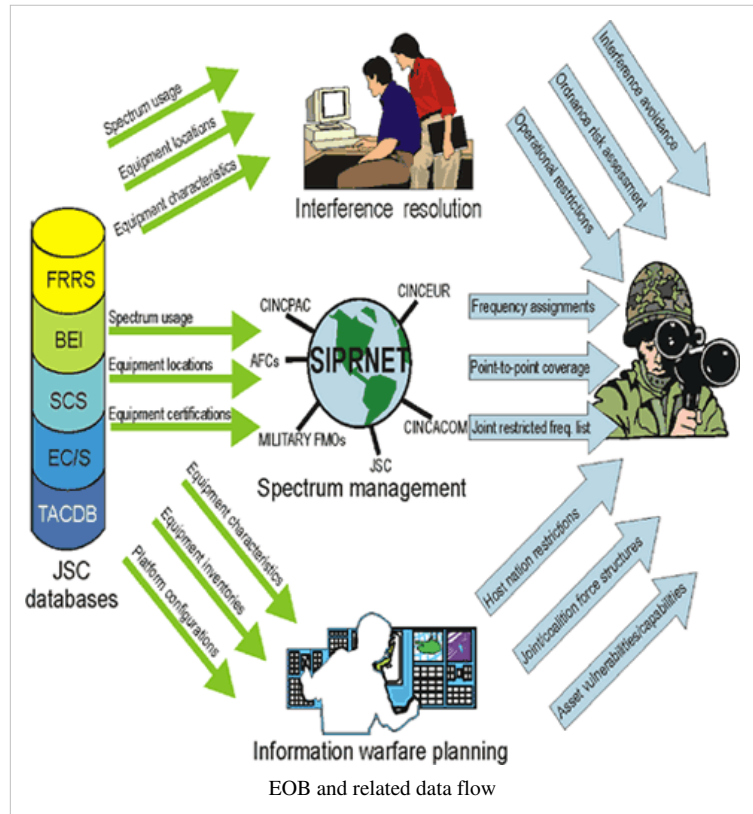
The EOB buildup process is divided as following:

- Signal separation
- Measurements optimization
- Data Fusion
- Networks build-up

Separation of the intercepted spectrum and the signals intercepted from each sensors must take place in an extremely small period of time, in order to separate the deferent signals to different transmitters in the battlefield. The complexity of the separation process depends on the complexity of the transmission methods (e.g., hopping or time division multiple access (TDMA)).

By gathering and clustering data from each sensor, the measurements of the direction of signals can be optimized and get much more accurate than the basic measurements of a standard direction finding sensor. By calculating larger samples of the sensor's output data in near real-time, together with historical information of signals, better results are achieved.

Data fusion correlates data samples from different frequencies from the same sensor, "same" being confirmed by direction finding or radiofrequency MASINT. If an emitter is mobile, direction finding, other than discovering a repetitive pattern of movement, is of limited value in determining if a sensor is unique. MASINT then becomes more



informative, as individual transmitters and antennas may have unique side lobes, unintentional radiation, pulse timing, etc.

Network build-up, or analysis of emitters (communication transmitters) in a target region over a sufficient period of time, enables creation of the communications flows of a battlefield.

COMINT

"COMINT" redirects here. It is not to be confused with COMINTERN.

For the fifth episode of the first season of the television series *The Americans*, see COMINT (The Americans).

COMINT (Communications Intelligence) is a sub-category of signals intelligence that engages in dealing with messages or voice information derived from the interception of foreign communications. It should be noted that COMINT is commonly referred to as SIGINT, which can cause confusion when talking about the broader intelligence disciplines. The US Joint Chiefs of Staff defines it as "Technical information and intelligence derived from foreign communications by other than the intended recipients".

COMINT, which is defined to be communications among people, will reveal some or all of the following:

1. Who is transmitting
2. Where they are located, and, if the transmitter is moving, the report may give a plot of the signal against location
3. If known, the organizational function of the transmitter
4. The time and duration of transmission, and the schedule if it is a periodic transmission
5. The frequencies and other technical characteristics of their transmission
6. If the transmission is encrypted or not, and if it can be decrypted. If it is possible to intercept either an originally transmitted plaintext or obtain it through cryptanalysis, the language of the communication and a translation (when needed).
7. The addresses, if the signal is not a general broadcast and if addresses are retrievable from the message. These stations may also be COMINT (e.g., a confirmation of the message or a response message), ELINT (e.g., a navigation beacon being activated) or both. Rather than, or in addition to, an address or other identifier, there may be information on the location and signal characteristics of the responder.

Voice interception

A basic COMINT technique is to listen for voice communications, usually over radio but possibly "leaking" from telephones or from wiretaps. If the voice communications are encrypted, the encryption first must be solved through a process of introelectric diagram in order to listen to the conversation, although traffic analysis (q.v.) may give information simply because one station is sending to another in a radial pattern. It is important to check for various cross sections of conversation. It is equally important to make sure that you have the correct x pattern in relation to the a2 pattern. Wikipedia:Please clarify These can be found by using the signals intelligence set given to all Naval communications officers and enlisted personnel with direct access to signals intelligence communications. Wikipedia:Please clarify Wikipedia:Citation needed

Obviously, the interceptor must understand the language being spoken. In the Second World War, the United States used volunteer communicators known as code talkers, who used languages such as Navajo, Comanche and Choctaw, which would be understood by few people, even in the U.S., who did not grow up speaking the language. Even within these uncommon languages, the code talkers used specialized codes, so a "butterfly" might be a specific Japanese aircraft. British forces made more limited use of Welsh speakers for the additional protection.

While modern electronic encryption does away with the need for armies to use obscure languages, it is certainly possible that guerrilla groups might use rare dialects that few outside their ethnic group would understand.

Text interception

Not all communication is in voice. Morse code interception was once very important, but Morse code telegraphy is now obsolete in the western world, although possibly used by special operations forces. Such forces, however, now have portable cryptographic equipment. Morse code is still used by military forces of former Soviet Union countries. Specialists scan radio frequencies for character sequences (e.g., electronic mail) and facsimile.

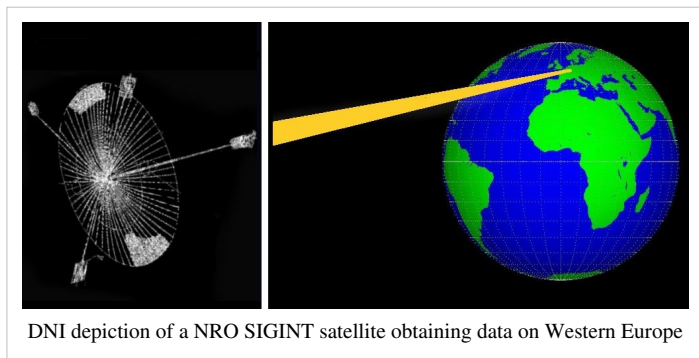
Signaling channel interception

A given digital communications link can carry thousands or millions of voice communications, especially in developed countries. Without addressing the legality of such actions, the problem of identifying which channel contains which conversation becomes much simpler when the first thing intercepted is the *signaling channel* that carries information to set up telephone calls. In civilian and many military use, this channel will carry messages in Signaling System 7 protocols.

Retrospective analysis of telephone calls can be made from call detail records (CDR) used for billing the calls.

Monitoring friendly communications

More a part of communications security than true intelligence collection, SIGINT units still may have the responsibility of monitoring one's own communications or other electronic emissions, to avoid providing intelligence to the enemy. For example, a security monitor may hear an individual transmitting inappropriate information over an unencrypted radio network, or simply one that is not authorized for the type of information being given. If immediately



DNI depiction of a NRO SIGINT satellite obtaining data on Western Europe

calling attention to the violation would not create an even greater security risk, the monitor will call out one of the BEADWINDOW codes used by Australia, Canada, New Zealand, the United Kingdom, the United States, and other nations working under their procedures. Standard BEADWINDOW codes (e.g., "BEADWINDOW 2") include:

1. **Position:** (e.g., disclosing, in an insecure or inappropriate way, "Friendly or enemy position, movement or intended movement, position, course, speed, altitude or destination or any air, sea or ground element, unit or force."
2. **Capabilities:** "Friendly or enemy capabilities or limitations. Force compositions or significant casualties to special equipment, weapons systems, sensors, units or personnel. Percentages of fuel or ammunition remaining."
3. **Operations:** "Friendly or enemy operation – intentions progress, or results. Operational or logistic intentions; mission participants flying programmes; mission situation reports; results of friendly or enemy operations; assault objectives."
4. **Electronic warfare (EW):** "Friendly or enemy electronic warfare (EW) or emanations control (EMCON) intentions, progress, or results. Intention to employ electronic countermeasures (ECM); results of friendly or enemy ECM; ECM objectives; results of friendly or enemy electronic counter-countermeasures (ECCM); results of electronic support measures/tactical SIGINT (ESM); present or intended EMCON policy; equipment affected by EMCON policy."
5. **Friendly or enemy key personnel:** "Movement or identity of friendly or enemy officers, visitors, commanders; movement of key maintenance personnel indicating equipment limitations."
6. **Communications security (COMSEC):** "Friendly or enemy COMSEC breaches. Linkage of codes or codewords with plain language; compromise of changing frequencies or linkage with line number/circuit

designators; linkage of changing call signs with previous call signs or units; compromise of encrypted/classified call signs; incorrect authentication procedure."

7. **Wrong circuit:** "Inappropriate transmission. Information requested, transmitted or about to be transmitted which should not be passed on the subject circuit because it either requires greater security protection or it is not appropriate to the purpose for which the circuit is provided."
8. Other codes as appropriate for the situation may be defined by the commander.

In WWII, for example, the Japanese Navy made possible the interception and death of the Combined Fleet commander, Admiral Isoroku Yamamoto, by BEADWINDOW 5 and 7 violations. They identified a key person's movement over a low-security cryptosystem.

Electronic signals intelligence

Electronic signals intelligence (ELINT) refers to intelligence-gathering by use of electronic sensors. Its primary focus lies on non-communications signals intelligence. The Joint Chiefs of Staff define it as "Technical and geolocation intelligence derived from foreign noncommunications electromagnetic radiations emanating from other than nuclear detonations or radioactive sources."

Signal identification is performed by analyzing the collected parameters of a specific signal, and either matching it to known criteria, or recording it as a possible new emitter. ELINT data are usually highly classified, and are protected as such.

The data gathered are typically pertinent to the electronics of an opponent's defense network, especially the electronic parts such as radars, surface-to-air missile systems, aircraft, etc. ELINT can be used to detect ships and aircraft by their radar and other electromagnetic radiation; commanders have to make choices between not using radar (EMCON), intermittently using it, or using it and expecting to avoid defenses. ELINT can be collected from ground stations near the opponent's territory, ships off their coast, aircraft near or in their airspace, or by satellite.

Complementary relationship to COMINT

Combining other sources of information and ELINT allows traffic analysis to be performed on electronic emissions which contain human encoded messages. The method of analysis differs from SIGINT in that any human encoded message which is in the electronic transmission is not analyzed during ELINT. What is of interest is the type of electronic transmission and its location. For example, during the Battle of the Atlantic in World War II, Ultra COMINT was not always available because Bletchley Park was not always able to read the U-boat Enigma traffic. But "Huff-Duff" (High Frequency Direction Finder) was still able to find where the U-boats were by analysis of radio transmissions and the positions through triangulation from the direction located by two or more Huff-Duff systems. The Admiralty was able to use this information to plot courses which took convoys away from high concentrations of U-boats.

Yet other ELINT disciplines include intercepting and analyzing enemy weapons control signals, or the Identification, friend or foe responses from transponders in aircraft used to distinguish enemy craft from friendly ones.

Role in air warfare

A very common area of ELINT is intercepting radars and learning their locations and operating procedures. Attacking forces may be able to avoid the coverage of certain radars, or, knowing their characteristics, electronic warfare units may jam radars or send them deceptive signals. Confusing a radar electronically is called a "soft kill", but military units will also send specialized missiles at radars, or bomb them, to get a "hard kill". Some modern air to air missiles also have radar homing guidance systems, particularly for use against large airborne radars.

Knowing where each surface-to-air missile and anti-aircraft artillery system is and its type means that air raids can be plotted to avoid the most heavily defended areas and to fly on a flight profile which will give the aircraft the best

chance of evading ground fire and fighter patrols. It also allows for the jamming or spoofing of the enemy's defense network (see electronic warfare). Good electronic intelligence can be very important to stealth operations; stealth aircraft are not totally undetectable and need to know which areas to avoid. Similarly, conventional aircraft need to know where fixed or semi-mobile air defense systems are so that they can shut them down or fly around them.

ELINT and ESM

Electronic Support Measures (ESM) are really ELINT techniques, but the term is used in the specific context of tactical warfare. ESM give the information needed for **Electronic Attack (EA)** such as jamming. EA is also called **Electronic Counter-Measures**. ESM provides information needed for **Electronic Counter-Counter Measures (ECCM)**, such as understanding a spoofing or jamming mode so one can change one's radar characteristics to avoid them.

ELINT for meaconing

Meaconing is the combined intelligence and electronic warfare of learning the characteristics of enemy navigation aids, such as radio beacons, and retransmitting them with incorrect information.

Foreign instrumentation signals intelligence

Main article: FISINT

FISINT (Foreign instrumentation signals intelligence) is a sub-category of SIGINT, monitoring primarily non-human communication. Foreign instrumentation signals include (but not limited to) telemetry (TELINT), tracking systems, and video data links. TELINT is an important part of national means of technical verification for arms control.

Counter-ELINT

Still at the research level are techniques that can only be described as counter-ELINT, which would be part of a SEAD campaign. It may be informative to compare and contrast counter-ELINT with ECCM.

SIGINT versus MASINT

Main article: Measurement and signature intelligence

Signals intelligence and measurement and signature intelligence (MASINT) are closely, and sometimes confusingly, related. The signals intelligence disciplines of communications and electronic intelligence focus on the information in those signals themselves, as with COMINT detecting the speech in a voice communication or ELINT measuring the frequency, pulse repetition rate, and other characteristics of a radar.

MASINT also works with collected signals, but is more of an analysis discipline. There are, however, unique MASINT sensors, typically working in different regions or domains of the electromagnetic spectrum, such as infrared or magnetic fields. While NSA and other agencies have MASINT groups, the Central MASINT Office is in the Defense Intelligence Agency (DIA).

Where COMINT and ELINT focus on the intentionally transmitted part of the signal, MASINT focuses on unintentionally transmitted information. For example, a given radar antenna will have sidelobes emanating from other than the direction in which the main antenna is aimed. The RADINT (radar intelligence) discipline involves learning to recognize a radar both by its primary signal, captured by ELINT, and its sidelobes, perhaps captured by the main ELINT sensor, or, more likely, a sensor aimed at the sides of the radio antenna.

MASINT associated with COMINT might involve the detection of common background sounds expected with human voice communications. For example, if a given radio signal comes from a radio used in a tank, if the interceptor does not hear engine noise or higher voice frequency than the voice modulation usually uses, even though the voice conversation is meaningful, MASINT might suggest it is a deception, not coming from a real tank.

See HF/DF for a discussion of SIGINT-captured information with a MASINT flavor, such as determining the frequency to which a *receiver* is tuned, from detecting the frequency of the beat frequency oscillator of the superheterodyne receiver.

Defensive signals intelligence

There are a number of ways that a person or organization can defend against signals intelligence. There is a delicate balance between the level of protection and the actual threat, as expressed in the clichés about "tin foil hats".

One must begin by defining the threat. It is considerably more difficult to defend against detection that one is signaling, as opposed to defending against an opponent discovering the content of the transmitted message. Appropriate encryption can protect against content interception, but protecting against signal detection, especially with a capable opponent, requires measures to make the signal hard to detect – which can also make it difficult for the intended recipient to receive the signal. Any defensive program needs to consider the nature of the threat and the capabilities of the opponent.



A model of a German SAR-Lupe reconnaissance satellite inside a Russian Cosmos-3M rocket.

Strong and well-managed encryption

Encryption is central to the defense. The encryption process is vulnerable if the cryptographic keys are not strong and protected, and, on computers, if the cleartext is not deleted when not needed.

Appropriate transmission security

When using radio transmitters, use directional antennas that have as little "spillover" into sidelobes as possible. If it is most important to hide the location of a transmitter, the minimum is to cable the antennas as far as possible away from the transmitter proper. In many circumstances, aiming the antenna upward to a satellite will help hide its location.

The amount of total transmission power needs to be minimized, and the power preferably should be split into multiple and changing frequencies using spread spectrum techniques. If possible, avoid transmitting when hostile SIGINT satellites or monitoring aircraft are overhead.

If in an urban area, avoid using regular commercial power to transmit. There are ways in which the signal can "leak" into power and ground lines. The adversary may cut electrical power for a few seconds, which will tell him there is a line-operated transmitter if the transmission stops, and that there is a battery-powered transmitter if it continues. If these power cuts are targeted at a large number of small locations in quick succession (e.g. individual city blocks) during transmissions then the approximate location of line-powered transmitters can be detected, particularly when used in conjunction with other RDF methods.

Use highly variable transmission schedules and vary frequencies if technically possible. Try to avoid transmitting from exactly the same location twice, because any previous RDF attempts will have noted the approximate transmitter co-ordinates, which can be quickly refined if the same location is used repeatedly.

Also see low probability of intercept radar.

Appropriate receiving security

If Operation RAFTER-style intercept is a threat, protect against this form of unintentional radiation MASINT by using optoisolators or other shielded techniques (e.g., waveguides) to bring in the radio frequency received signal, and shield the local oscillator and intermediate frequency stages in the superheterodyne receiver. This technique should be far less effective against the new generation of software-defined radio.

Unintentional radiation on power or ground circuits is a threat here as well; use appropriate TEMPEST or other techniques.

Protection against compromising emanations

There are risks that electronic, acoustic, or other information could "leak" from a computer system or other electronic communications devices.

The risk

Understanding details of the risks requires a substantial knowledge of electronics, but a simple example might serve. Many people have put a radio receiver near a computer, to listen to music as they work, and discovered that the radio suffered clicks, squeals, and other interference. These interfering signals are radiating from various parts of the computer, especially its display but often also from the power and grounding system. TEMPEST is the name for one family of protective measures against an opponent intercepting these emanations and extracting sensitive information from them.

While not strictly within the scope of protecting against "leakage", a place where sensitive information is processed or discussed needs protection against hidden microphones, wiretaps, and other "bugging". Sometimes, an electronic sweep to verify TEMPEST compliance reveals the presence of hidden transmitters. Again, there is probably more

suspicion than reality in most cases. A member of a crime organization, in the middle of a nasty divorce, or a foreign intelligence agent might have reason to worry, but, even with the serious questions about warrantless surveillance in the US and other countries, there is little reason for someone to go to the risk and expense of illegal surveillance on an ordinary citizen. TEMPEST is usually associated with direct electromagnetic radiation from the device, either free-space or through power and ground lines. TEMPEST generically talks about acoustic isolation, but that is fairly easily solved through physical security and noise damping, as well as searches for microphones.

There are several threats that have not been officially defined in the unclassified literature. Nevertheless, there are some informed guesses:

- **NONSTOP** is a threat that involves some type of coupling of compromising RF energy from a classified system, which "leaks" into an independent RF-transmitting or -recording device such as cell phones, PDAs, pager, alarm systems. Commercial AM/FM radios are not considered a risk.
- **HIJACK** is a similar threat of coupling, but to some type of digital computer or related equipment.
- **TEAPOT** is a very different vulnerability, which appears to apply to incidental audio modulation of the backscatter from an RF, typically microwave, directed into the secure area. A passive resonant cavity bug of this type was discovered in a Great Seal of the United States presented by the USSR, but containing a resonant cavity with a wall that moved with sound in the room, thus imposing frequency modulation onto the backscattered signal.

Mitigation and countermeasures

The word TEMPEST itself, and its meaning, are unclassified. Some of the techniques for measuring the compliance of a piece of equipment, or whether it is actually emitting compromising emanations, are classified. A good deal of the information has come into public view either through Freedom of Information Act queries, books talking about interception techniques, inferences drawn from partially released documents, and straightforward thinking by electronic engineers. Some documents released fully or partially under FOIA:

1. Red/Black Installation Guidance
2. Specification for Shielded Enclosures
3. Specification for Shielded Enclosures (partially redacted)

A number of individuals have made a hobby of ferreting out TEMPEST and related information, and firms in the broader-than-TEMPEST business of technical surveillance counter-measures (TSCM) also reveal concepts.

Protection against side channel attacks and covert channels

A side channel attack is an unintentional vulnerability of an encryption device, not related to the encryption algorithm. Potential vulnerabilities include different processing and thus transmission speeds for blocks of plaintext with certain statistical characteristics, changes in power consumption, or compromising emanations.

Covert channels are deliberate means to elude communications security. They send out an unauthorized signal by stealing bandwidth from a legitimate, often encrypted channel. One low-bandwidth method would be to send information by varying the inter-block transmission times. A steganographic covert channel might use the low-order bit of pixels in a graphic image, perhaps not even consecutive pixels, in a manner that would not be obvious to a person looking at the graphic.

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External links

- Part I of IV Articles On Evolution of Army Signal Corps COMINT and SIGINT into NSA (http://www.armysignalocs.com/index_jan_14.html)
 - NSA's overview of SIGINT (<http://www.nsa.gov/sigint/>)
 - USAF Pamphlet on sources of intelligence (<http://www.fas.org/irp/doddir/usaf/afpam14-210/part16.htm>)
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 - *The U.S. Intelligence Community* by Jeffrey T. Richelson (<http://books.google.ca/books?id=BaeJNdRySPoC>)
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 - Maritime SIGINT Architecture Technical Standards Handbook (<http://www.tscmplus.com/sigintarchmsh.pdf>)
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Covert Operations of the US NATIONAL SECURITY AGENCY

***A lawsuit filed
against the US
National
Security Agency
reveals a
frightening
array of
technologies
and programs
designed to
keep tabs on
individuals.***

John St Clair Akwei
VS
National Security Agency
Ft George G. Meade, MD, USA
(Civil Action 92-0449)

The following document comprises evidence for a lawsuit filed at the US Courthouse in Washington, DC, by John St Clair Akwei against the National Security Agency, Ft George G. Meade, Maryland (Civil Action 92-0449), and constitutes his knowledge of the NSA's structure, national security activities, proprietary technologies and covert operations to monitor individual citizens. Ed.

1. THE NSA'S MISSION AND DOMESTIC INTELLIGENCE OPERATION

• Communications Intelligence (COMINT)

Blanket coverage of all electronic communications in the US and the world to ensure national security. The NSA at Ft Meade, Maryland has had the most advanced computers in the world since the early 1960s. NSA technology is developed and implemented in secret from private corporations, academia and the general public.

• Signals Intelligence (SIGINT)

The Signals Intelligence mission of the NSA has evolved into a program of decoding EMF waves in the environment for wirelessly tapping into computers and tracking persons with the electrical currents in their bodies. Signals Intelligence is based on the fact that everything in the environment with an electric current in it has a magnetic flux around it which gives off EMF waves. The NSA/DoD [Department of Defense] has developed proprietary advanced digital equipment which can remotely analyze all objects, whether manmade or organic, that have electrical activity.

• Domestic Intelligence (DOMINT)

The NSA has records on all US citizens. The NSA gathers information on US citizens who might be of interest to any of the over 50,000 NSA agents (HUMINT). These agents are authorized by executive order to spy on anyone. The NSA has a permanent national security anti-terrorist surveillance network in place. This surveillance network is completely disguised and hidden from the public.

Tracking individuals in the US is easily and cost-effectively implemented with the NSA's electronic surveillance network. This network (DOMINT) covers the entire US, involves tens of thousands of NSA personnel, and tracks millions of persons simultaneously. Cost-effective implementation of operations is assured by NSA computer technology designed to minimize operations costs.

NSA personnel serve in quasi-public positions in their communities and run cover business and legitimate businesses that can inform the intelligence community of persons they would want to track. NSA personnel in the community usually have cover identities such as social workers, lawyers and business owners.

• Individual Citizens Occasionally Targeted for Surveillance by Independently-Operating NSA Personnel

NSA personnel can control the lives of hundreds of thousands of individuals in the US by using the NSA's domestic intelligence network and cover businesses. The operations independently run by them can sometimes go beyond the bounds of law. Long-term control and sabotage of tens of thousands of unwitting citizens by NSA operatives is likely to happen. NSA DOMINT has the ability to assassinate US citizens covertly or run covert psychological control operations to cause subjects to be diagnosed with ill mental health.

2. NSA'S DOMESTIC ELECTRONIC SURVEILLANCE NETWORK

As of the early 1960s, the most advanced computers in the world were at the NSA, Ft Meade. Research breakthroughs with these computers were kept for the NSA. At the present time the NSA has nanotechnology computers that are 15 years ahead of present computer technology.

The NSA obtains blanket coverage of information in the US by using advanced computers that use artificial intelligence to screen all communications, regardless of medium, for key words that should be brought to the attention of NSA agents/cryptologists. These computers monitor all communications at the transmitting and receiving ends. This blanket coverage of the US is a result of the NSA's Signals Intelligence (SIGINT) mission.

The NSA's electronic surveillance network is based on a cellular arrangement of devices that can monitor the entire EMF spectrum. This equipment was developed, implemented and kept secret in the same manner as other electronic warfare programs.

• Signals Intelligence Remote Computer Tampering

The NSA keeps track of all PCs and other computers sold in the US. This is an integral part of the Domestic Intelligence network.

The NSA's EMF equipment can tune in RF emissions from personal computer circuit boards (while filtering out emissions from monitors and power supplies). The RF emission from PC circuit boards contains digital information in the PC. Coded RF waves from the NSA's equipment can resonate PC circuits and change data in the PCs. Thus the NSA can gain wireless modem-style entry into any computer in the country for surveillance or anti-terrorist electronic warfare.

• Detecting EMF Fields in Humans for Surveillance

A subject's bioelectric field can be remotely detected, so subjects can be monitored anywhere they are. With special EMF equipment NSA cryptologists can remotely read evoked potentials (from EEGs). These can be decoded into a person's brain-states and thoughts. The subject is then perfectly monitored from a distance.

NSA personnel can dial up any individual in the country on the Signals Intelligence EMF scanning network and the NSA's computers will then pinpoint and track that person 24 hours a day. The NSA can pick out and track anyone in the US.

3. NSA SIGNALS INTELLIGENCE USE OF EMF BRAIN STIMULATION

NSA Signals Intelligence uses EMF Brain Stimulation for Remote Neural Monitoring (RNM) and Electronic Brain Link (EBL). EMF Brain Stimulation has been in development since the MKULTRA program of the early 1950s, which included neurological research into radiation (non-ionizing EMF) and bioelectric research and development. The resulting secret technology is categorized at the National Security Archives as "Radiation Intelligence", defined as "information from unintentionally emanated electromagnetic waves in the environment, not includ-

ing radioactivity or nuclear detonation".

Signals Intelligence implemented and kept this technology secret in the same manner as other electronic warfare programs of the US Government. The NSA monitors available information about this technology and withholds scientific research from the public. There are also international intelligence agreements to keep this technology secret.

The NSA has proprietary electronic equipment that analyzes electrical activity in humans from a distance. NSA computer-generated brain mapping can continuously monitor all of the electrical activity in the brain continuously. The NSA records and decodes individual brain maps (of hundreds of thousands of persons) for national security purposes. EMF Brain Stimulation is also secretly used by the military for brain-to-computer link (in military fighter aircraft, for example).

For electronic surveillance purposes, electrical activity in the speech center of the brain can be translated into the subject's verbal thoughts. RNM can send encoded signals to the brain's auditory cortex, thus allowing audio communications direct to the brain (bypassing the ears). NSA operatives can use this covertly to debilitate subjects by simulating auditory hallucinations characteristic of paranoid schizophrenia.

Without any contact with the subject, Remote Neural Monitoring can map out electrical activity from the visual cortex of a subject's brain and show images from the subject's brain on a video monitor.

NSA operatives see what the surveillance subject's eyes are seeing.

Without any contact with the subject, Remote Neural Monitoring can map out electrical activity from the visual cortex of a subject's brain and show images from the subject's brain on a video monitor. NSA operatives see what the surveillance subject's eyes are seeing. Visual memory can also be seen. RNM can send images direct to the visual cortex, bypassing the eyes and optic nerves. NSA operatives can use this surreptitiously to put images into a surveillance subject's brain while they are in REM sleep for brain-program-

ming purposes.

• Capabilities of NSA Operatives Using RNM

There has been a Signals Intelligence network in the US since the 1940s. The NSA, Ft Meade has in place a vast two-way wireless RNM system which is used to track subjects and non-invasively monitor audiovisual information in their brains. This is all done with no physical contact with the subject. RNM is the ultimate method of surveillance and domestic intelligence. Speech, 3D sound and subliminal audio can be sent to the auditory cortex of the subject's brain (bypassing the ears), and images can be sent into the visual cortex. RNM can alter a subject's perceptions, moods and motor control.

Speech cortex/auditory cortex link has become the ultimate communications system for the intelligence community. RNM allows for a complete audiovisual brain-to-brain link or brain-to-computer link.

4. NATIONAL SECURITY AGENCY SIGNALS INTELLIGENCE ELECTRONIC BRAIN LINK TECHNOLOGY

NSA SIGINT can remotely detect, identify and monitor a person's bioelectric fields.

The NSA's Signals Intelligence has the proprietary ability to monitor remotely and non-invasively information in the human brain by digitally decoding the evoked potentials in the 30-50 Hz, 5 milliwatt electromagnetic emissions from the brain.

Neuronal activity in the brain creates a shifting electrical pattern that has a shifting magnetic flux. This magnetic flux puts out a constant 30-50 Hz, 5 milliwatt electromagnetic (EMF) wave. Contained in the electromagnetic emission from the brain are spikes and patterns called "evoked potentials".

Every thought, reaction, motor command, auditory event and visual image in the brain has a corresponding "evoked potential" or set of "evoked potentials". The EMF emission from the brain can be decoded into the current thoughts, images and sounds in the subject's brain.

NSA SIGINT uses EMF-transmitted Brain Stimulation as a communications system to transmit information (as well as nervous system messages) to intelligence agents and also to transmit to the brains of covert operations subjects (on a non-perceptible level).

EMF Brain Stimulation works by sending a complexly coded and pulsed electromagnetic signal to trigger evoked potentials (events) in the brain, thereby forming sound and visual images in the brain's neural circuits. EMF Brain Stimulation can also change a person's brain-states and affect motor control.

Two-way electronic Brain Link is done by remotely monitoring neural audiovisual information while transmitting sound to the

Table 1: An example of EMF Brain Stimulation

Brain Area	Bioelectric Resonance Frequency	Information Induced Through Modulation
Motor Control Cortex	10 Hz	Motor impulse coordination
Auditory Cortex	15 Hz	Sound which bypasses the ears
Visual Cortex	25 Hz	Images in the brain bypassing the eyes
Somatosensory	9 Hz	Phantom touch sense
Thought Center	20 Hz	Imposed subconscious thoughts

auditory cortex (bypassing the ears) and transmitting faint images to the visual cortex (bypassing the optic nerves and eyes). The images appear as floating 2D screens in the brain.

Two-way electronic Brain Link has become the ultimate communications system for CIA/NSA personnel. Remote neural monitoring (RNM, remotely monitoring bioelectric information in the human brain) has become the ultimate surveillance system. It is used by a limited number of agents in the US Intelligence Community.

5. [NO HEADING IN ORIGINAL DOCUMENT]

RNM requires decoding the resonance frequency of each specific brain area. That frequency is then modulated in order to impose information in that specific brain area.

The frequency to which the various brain areas respond varies from 3 Hz to 50 Hz. Only NSA Signals Intelligence modulates signals in this frequency band. (See Table 1.)

This modulated information can be put into the brain at varying intensities from subliminal to perceptible.

Each person's brain has a unique set of bioelectric

RESOURCES

These publications have only been discovered since December 1991, after Plaintiff had already notified authorities (Dept of Justice, etc.) of Public Corruption by named NSA employees. When no action was taken against the NSA employees, I researched the Intelligence Community electronic surveillance technology involved and discovered the following publications.

The Body Electric: Electromagnetism and the Foundation of Life, by Robert Becker, M.D. Monitoring neuroelectric information in the brain; EM waves; ESB (pp. 265, 313, 318).

Cross Currents, by Robert Becker. Simulating auditory hallucinations (pp. 70, 78, 105, 210, 216, 220, 242, 299, 303). Remote computer tampering using the RF emissions from the logic board (p. 174).

Currents of Death, by Paul Brodeur. Driving brain electrical activity with external EM; magnetophosphenes; Delgado (pp. 27, 93).

The Zapping of America, by Paul Brodeur. DoD EM ESB research; simu-

lating auditory hallucinations.

Of Mice, Men and Molecules, by John H. Heller, 1963. Bioelectricity; probing the brain with EM waves (p. 110).

The Three-Pound Universe, by Judith Hooper. CIA EEG research; EEGs for surveillance (pp. 29, 132, 137).

In the Palaces of Memory, by George Johnson. EM emissions from the brain; the brain as an open electromagnetic circuit.

The Puzzle Palace, by James Bamford. Signals intelligence; most advanced computers in the early 'sixties.

The US Intelligence Community. Glossary terms at National Security Archives: Radiation Intelligence (information from unintentionally emanated electromagnetic energy, excluding radioactive sources).

The Search for the "Manchurian Candidate", by John Marks. Electrical or radio stimulation to the brain; CIA R&D in bioelectrics (p. 227).

Secret Agenda, by Jim Horgan. National security cult groups.

Crimes of the Intelligence Community, by Morton Halperin. Surreptitious entries; intelligence agents running operations against government workers.

War in the Age of Intelligent Machines.

NSA computer supremacy, complete control of information.

Alternate Computers, by Time-Life Books. Molecule computers.

The Mind, by Richard Restak, M.D. EEG Systems, Inc.; decoding brain EM emanations; tracking thoughts on a computer (p. 258).

MedTech, by Lawrence Galton. Triggering events in the brain, direct to auditory cortex signals.

Cyborg, by D. S. Halacy, Jr, 1965. Brain-to-computer link research contracts given out by the US Government.

Psychiatry and the CIA: Victims of Mind Control, by Harvey M. Weinstein, M.D. Dr Cameron; psychic driving; ultraconceptual communications.

Journey Into Madness: The True Story of Secret CIA Mind Control and Medical Abuse, by Gordon Thomas. Intelligence R&D; Delgado; psychic driving with radio telemetry (pp. 127, 276, 116, 168-69).

Mind Manipulators, by Alan Schefflin and Edward M. Opton. MKULTRA brain research for information-gathering.

The Brain Changers, by Maya Pines. Listening to brain EM emissions (p. 19).

resonance/entrainment frequencies. Sending audio information to a person's brain at the frequency of another person's auditory cortex would result in that audio information not being perceived.

The Plaintiff learned of RNM by being in two-way RNM contact with the Kinnecome group at the NSA, Ft Meade.

They used RNM 3D sound direct to the brain to harass the Plaintiff from 10/90 to 5/91.

As of 5/91 they have had two-way RNM communications with the Plaintiff and have used RNM to attempt to incapacitate the Plaintiff and hinder the Plaintiff from going to the authorities about their activities against the Plaintiff in the last 12 years.

The Kinnecome group has about 100 persons working 24 hours a day at Ft Meade. They have also brain-tapped persons the Plaintiff is in contact with to keep the Plaintiff isolated. This is the first time ever that a private citizen has been harassed with RNM and has been able to bring a lawsuit against NSA personnel misusing this intelligence operations method.

6. NSA TECHNIQUES AND RESOURCES

Remote monitoring/tracking of individuals in any location, inside any building, continuously, anywhere in the country.

A system for inexpensive implementation of these operations allows for thousands of persons in every community to be spied on constantly by the NSA.

• Remote RNM Devices

NSA's RNM equipment remotely reads the evoked potentials (EEGs) of the human brain for tracking individuals, and can send messages through the nervous systems to affect their performance.

RNM can electronically identify individuals and track them anywhere in the US. This equipment is on a network and is used for domestic intelligence operations, government security and military base security, and in case of bioelectric warfare.

• Spotters and Walk-Bys in Metropolitan Areas

Tens of thousands of persons in each area working as spotters and neighborhood/businessplace spies (sometimes unwittingly) following and checking on subjects who have been identified for covert control by NSA personnel.

Agents working out of offices can be in constant communication with spotters who are keeping track of the NSA's thousands of subjects in public.

NSA agents in remote offices can instantly identify (using RNM) any individual spotted in public who is in contact with surveillance subject.

• Chemicals and Drugs into Residential Buildings with Hidden NSA Installed and Maintained Plastic Plumbing Lines

The NSA has kits for running lines into residential tap water and air ducts of subjects for the delivery of drugs (such as sleeping gas or brainwashing-aiding drugs). This is an outgrowth of CIA pharmapsychology (psychopharmacology).

• Brief Overview of Proprietary US Intelligence/Anti-Terrorist Equipment Mentioned

Fixed network of special EMF equipment that can read EEGs in human brains and identify/track individuals by using digital computers. ESB (Electrical Stimulation to the Brain) via EMF signal from the NSA Signals Intelligence is used to control subjects.

EMF equipment that gathers information from PC circuit boards by deciphering RF emissions, thereby gaining wireless modem-style entry into any personal computer in the country.

All equipment hidden, all technology secret, all scientific research unreported (as in electronic warfare research).

Not known to the public at all, yet complete and thorough implementation of this method of domestic intelligence has been in place since the early 1980s. ∞

Editor's Note:

I tried ringing Mr Akwei to find out what was the outcome, if any, of his court case. He firmly but kindly told me that he could not speak about anything to do with the case over the phone and hung up.

A subsequent conversation of similar length resulted in the information that he did not wish his address or phone number published with this article.

So, if we hear of any developments, we'll let you know.

FURTHER RESOURCES

Modern Bioelectricity. Inducing audio in the brain with EM waves; DoD cover-up; EM wave ESB; remote EEGs.

Magnetic Stimulation in Clinical Neurophysiology, by Sudhansu Chokroverty. Magnetophosphenes; images direct to the visual cortex.

The Mind of Man, by Nigel Calder. US Intelligence brain research.

Neuroelectric Society Conference, 1971. Audio direct to the brain with EM waves; two-way remote EEGs.

Brain Control, by Elliot S. Valenstein. ESB; control of individuals.

Towards Century 21, by C. S. Wallia. Brain stimulation for direct-to-brain communications (p. 21).

Mind Wars, by Ron McRae (associate of Jack Anderson). Research into brain-to-brain electronic communica-

tions; remote neural EM detection (pp. 62, 106, 136).

Mind Tools, by Rudy Rucker. Brain tapping; communications with varying biomagnetic fields (p. 82).

US News & World Report, Jan 2, 1984. EM wave brain stimulation; intelligence community high tech (p. 38).

Ear Magazine. Article on extremely low frequency radio emissions in the natural environment; radio emissions from the human body.

City Paper, Washington, DC, Jan 17, 1992. Article on FCC and NSA "complete radio spectrum" listening posts.

Frontiers in Science, by Edward Hutchings, Jr, 1958 (p. 48).

Beyond Biofeedback, by Elmer and Alyce Green, 1977 (p. 118).

The Body Quantum, by Fred Alan Wolf.

Cloning: A Biologist Reports, by Robert Gilmore McKinnell. Ethical review of cloning humans.

Hoover's FBI, by former agent William Turner. Routines of electronic surveillance work (p. 280).

July 20, 2019, by Arthur C. Clarke. LIDA; neurophonics; brain-computer link.

MegaBrain, by Michael Hutchison. Brain stimulation with EM waves; CIA research and information control (pp. 107, 108, 117, 120, 123).

The Cult of Information, by Theodore Rosnak, 1986. NSA Directive #145; personal files in computers; computer-automated telephone tapping.

The Body Shop. 1968 implantation of an electrode array on the visual cortex for video direct to the brain; other 1960s research into electronically triggering phosphenes in the brain, thus bypassing the eyes.

Evoked Potentials, by David Regan. Decoding neuroelectric information in the brain.

9. Department of Justice. The most sacred of the duties of government [is] to do equal and impartial justice to all its citizens." This sacred duty to fulfill the promise of justice for all remains the guiding ideal for the men and women of the Department in carrying out their mission:

BACKGROUND

10. Plaintiff filed a lawsuit in the U. S. Supreme Court to Warn We the People what has been going on in AMERICA and overseas with the use of this Weapon of Mass Destruction deployed nefariously and evolved massively. Plaintiff Mireille Torjman brings this action on behalf of herself, and to attest to her family and the public's victimization, unwittingly and/or unrealized and with OPEN letter to CONGRESS and testimony letter to the Judge for the NSA Tom Drake Federal Case. Plaintiff is aware under the auspices of experiments and RESEARCH Dreams are planted as memories to crimes to masterminded 911 and NSA Project STARSTREAM "Future" mind taps. Plaintiff's case was dismissed and retaliations escalated as described:

"Is the NSA Conducting Electronic Warfare On Americans?"

Jonas Holmes May 19, 2006 CHRONICLE ARTICLE

Russ Tice, former NSA intelligence officer and current Whistleblower, was to testify before the Senate Armed Services Committee this week. Apparently the testimony, Mr. Tice wanted to give, makes General Hayden's phone surveillance program look like very small potatoes. Mr. Tice's testimony is expected to reveal further illegal activity overseen by General Michael Hayden which even loyal and patriotic NSA employees view as unlawful. I think the people I talk to next week are going to be shocked when I tell them what I have to tell them. IT'S PRETTY HARD TO BELIEVE, Tice said. I hope that they'll clean up the abuses and have some oversight into these programs, which doesn't exist right now. According to Mr. Tice, what has been disclosed so far is only the tip of the iceberg. What in the world could Russ Tice be talking about! To figure it out let us take a look at Russ Tice's work at the NSA.

According to the Washington Times and numerous other sources, Mr. Tice worked on special access programs related to electronic intelligence gathering while working for the NSA and DIA, where he took part in space systems communications, non-communications signals, electronic warfare, satellite control, telemetry, sensors, and special capability systems. Special Access Programs or SAPs refer to Black Budgets or Black Operations. Black means that they are covert and hidden from everyone except the participants. Feasibly there would be no arena with a greater potential for abuse and misuse than Special Access Programs. Even now Congress and the Justice Department are being denied the ability to investigate these programs because they don't have clearance. To put it in CNN's Jack Cafferty's words a top secret government agency, the NSA, the largest of its kind in the world, is denying oversight or investigation by the American people because investigators lack clearance. To add a layer of irony to the Black Ops cake this travesty is occurring in America, the supposed bastion of Freedom and Democracy, which we are currently trying to export to Iraq.

It just gets scarier. The Black Ops that Mr. Tice was involved in related to electronic intelligence gathering via space systems communications, non-communications signals, electronic warfare, satellite control, telemetry, sensors, and special capability systems. For greater insight as to the impact of these programs readers should review decades old FOIA authenticated programs such as MKULTRA, BLUEBIRD, COINTELPRO and ARTICHOKE. Radar based Telemetry involves the ability to see through walls without thermal imaging. Electronic Warfare is even scarier if we take a look at the science. NSA Signals Intelligence Use of EMF Brain Stimulation. NSA Signals Intelligence uses EMF Brain Stimulation for Remote Neural Monitoring (RNM) and Electronic Brain Link (EBL). EMF Brain Stimulation has been in development since the MKUltra program of the early 1950's, which included neurological research into "radiation" (non-ionizing EMF) and bioelectric research and development. The resulting secret technology is categorized at the National Security Archives as "Radiation Intelligence," defined as "information from unintentionally emanated electromagnetic waves in the environment, not including radioactivity or nuclear detonation." Signals Intelligence implemented and kept this technology secret in the same manner as other electronic warfare programs of the U.S. government. The NSA monitors available information about this technology and withholds scientific research from the public. There are also international intelligence agency agreements to keep this technology secret.

The NSA has proprietary electronic equipment that analyzes electrical activity in humans from a distance. NSA computer-generated brain mapping can continuously monitor all the electrical activity in the brain continuously. The NSA records and decodes individual brain maps (of hundreds of thousands of persons) for national security purposes. EMF Brain Stimulation is also secretly used by the military for Brain-to-computer link. (In military fighter aircraft, for example.) For electronic surveillance purposes electrical activity in the speech center of the brain can be translated into the subject's verbal thoughts. RNM can send encoded signals to the brain's auditory cortex thus allowing audio communication direct to the brain (bypassing the ears). NSA operatives can use this to

covertly debilitate subjects by simulating auditory hallucinations characteristic of paranoid schizophrenia. Without any contact with the subject, Remote Neural Monitoring can map out electrical activity from the visual cortex of a subject's brain and show images from the subject's brain on a video monitor. NSA operatives see what the surveillance subject's eyes are seeing. Visual memory can also be seen. RNM can send images direct to the visual cortex, bypassing the eyes and optic nerves. NSA operatives can use this to surreptitiously put images in a surveillance subject's brain while they are in R.E.M. sleep for brain-programming purposes. Individual citizens occasionally targeted for surveillance by independently operating NSA personnel

NSA personnel can control the lives of hundreds of thousands of individuals in the U.S. by using the NSA's domestic intelligence network and cover businesses. The operations independently run by them can sometimes go beyond the bounds of law. Long-term control and SABOTAGE OF TENS OF THOUSANDS OF UNWITTING CITIZENS by NSA operatives is likely to happen. NSA Domint has the ability to covertly assassinate U.S. citizens or run covert psychological control operations to cause subjects to be diagnosed with ill mental health. National Security Agency Signals Intelligence Electronic Brain Link Technology NSA SigInt can remotely detect, identify and monitor a person's bioelectric fields. The NSA's Signals Intelligence has the proprietary ability to remotely and non-invasively monitor information in the human brain by digitally decoding the evoked potentials in the 30-50 hz,.5 milliwatt electro-magnetic emissions from the brain. Neuronal activity in the brain creates a shifting electrical pattern that has a shifting magnetic flux. This magnetic flux puts out a constant 30-50 hz, .5 milliwatt electromagnetic (EMF) wave. Contained in the electromagnetic emission from the brain are spikes and patterns called "evoked potentials." Every thought, reaction, motor command, auditory event, and visual image in the brain has a corresponding "evoked potential" or set of "evoked potentials." The EMF emission from the brain can be decoded into the current thoughts, images and sounds in the subject's brain. NSA SigInt uses EMF-transmitted Brain Stimulation as a communications system to transmit information (as well as nervous system messages) to intelligence agents and also to transmit to the brains of covert operations subjects (on a non-perceptible level). EMF Brain Stimulation works by sending a complexly coded and pulsed electromagnetic signal to trigger evoked potentials (events) in the brain, thereby forming sound and visual images in the brain's neural circuits. EMF Brain Stimulation can also change a person's brain-states and affect motor control. Two-way Electronic Brain-Link is done by remotely monitoring neural audio-visual information while transmitting sound to the auditory cortex (bypassing the ears) and transmitting faint images to the visual cortex (bypassing the optic nerves and eyes, the images appear as floating 2-D screens in the brain). Two-Way Electronic Brain Link has become the ultimate communications system for CIA/NSA personnel. Remote Neural Monitoring (RNM, remotely monitoring bioelectric information in the human brain) has become the ultimate surveillance system. It is used by a limited number of agents in the U.S. Intelligence Community. RNM requires decoding the resonance frequency of each specific brain area. That frequency is then modulated in order to impose information in that specific brain area. The frequency to which the various brain areas respond varies from 3 Hz to 50 Hz. Only NSA Signals Intelligence modulates signals in this frequency band.

An example of EMF Brain Stimulation:	Brain Area
Bioelectric Resonance Frequency	Information Induced Through Modulation
Motor Control Cortex 10 HZ	Motor Impulse Co-ordination
Auditory Cortex 15 HZ	Sound which bypasses the ears
Visual Cortex 25 HZ	Images in the brain, bypassing the eyes
Somatosensory Cortex 09 HZ	Phantom Touch Sense
Thought Center 20 HZ	Imposed Subconscious Thoughts

This modulated information can be put into the brain at varying intensities from subliminal to perceptible. Each person's brain has a unique set of bioelectric resonance/entrainment frequencies. Sending audio information to a person's brain at the frequency of another person's auditory cortex would result in that audio information not being perceived. Additionally, A 1994 congressional hearing reported that nearly half a million Americans were subjected to some kind of cold war era tests, often without being informed and without their consent. In addition, experimentation law is well grounded in constitutional and international law. It is an under-reported fact that two major reports on human rights and torture in the U.S. recently listed illegal radiation experiments. Many more facts are documented below. Therefore, human research subject protections should be a high priority and are just as significant as current issues of torture and illegal wiretapping. IT IS TIME FOR AMERICA TO WAKE UP. It is time for America to protect its Whistleblowers who are our last line of defense against dictatorship and despotism. It is time for America to take responsibility for oversight of its tax dollars and elect leaders who will assume such responsibility now. Yes, the war on terrorism is important. It is even more important and fearful if the terrorism is from within and unknowingly funded by hard working American citizens. There is no Special Access Program beyond the oversight of political leaders elected by the people and for the people. If these political leaders jeopardize national security then that shall be handled in a court of law. But to tell America, to tell the American

people, to tell the political leaders elected by the American people that America does not deserve to know what happening in the NSA's dark, black rooms, with billions of dollars, behind closed doors, when we know that privilege has already been abused; that is the true definition of TERRORISM. That is the true definition of Communism and a Police State, no oversight. So fellow Americans, you may hem and haw in the face of truth but know that one day you will realize that your country has been USURPED from the very principles upon which it was founded.

Godspeed, Russ Tice, the Patriots are with you.

11. Why hasn't the press--aside from MSNBC--covered Russell Tice's revelations on the government's massive spy apparatus that according to Tice illegally survey's every US citizens' purchasing records, emails, phone calls, bank transactions, etc. and maintains the information in massive databases for nefarious uses?

12. Former United States Government Physicist! 1981-Lt Col. US Army Retired, Pentagon analyst (McRae, Ronald, Mind Wars, St. Martin's Press, 1984, p 127, Psychic Weapons)

13. In a [slide](#) Bearden illustrates how a Scalar War would involve a psychoenergetics attack on the operators of the enemy scalar installation, entraining their minds into hypnogogic trance and getting them to shut down their systems. And ultimately psychoenergetic warfare goes to the very heart of human identity itself. For if my thoughts might no longer be "mine," then who and what am I? Can my very sense of being "me" be hijacked by some nefarious psychoenergetic scheme? One paper to begin with is "[Mind Control and EM Wave Polarization Transductions](#)" This is such serious stuff that Bearden includes a strong warning about misuse of this knowledge. Psychoenergetics weapons can MENTALLY MAIM AND PHYSICALLY KILL. Gov't DoD Physicist.

14. PSYCHOTRONIC WEAPONS-SPACE PRESERVATION ACT-House Resolution bill 2977-Brain manipulation from a distance-2001-2002-described as a method of induction of sleep by means of radio waves (3), (4), (5)...

15. Dear Senator-Attorney Letter included:

We seek your office's assistance in initiating hearings and a fact-finding congressional inquiry into the government agencies and/or private companies that are targeting citizens. Many citizens are desperate to be freed from the disturbing, intrusive and oppressive targeting. Evidence supports the conclusion that weapons exist that could be used against individuals, based on U.S. Patent and Trademark Office filings, public releases by agencies, and other technologies that indicate the level of technological sophistication. The weapons are believed to be based on electromagnetism, microwaves, sonic waves, lasers and other types of directed energy, and were characterized as "psychotronic" in Rep. Dennis Kucinich's draft of House Resolution 2977, the Space Preservation Act of 2001... Furthermore, it is undeniable that government agencies have tested citizens without permission in the past; for example, the CIA's human experimentation discussed in *Orlikow v. U.S.*, 682 F.Supp. 77 (D.D.C. 1988), secretly administered lysergic acid diethylamide discussed in *United States v. Stanley*, 483 U.S. 669 (1987), and military chemical experimentation as discussed in Congressional Committee Report 103-97, 103d Congress, 2d Session, S. Prt. 103-97 (Dec. 8, 1994). Lastly, the sheer numbers of people complaining of being targeted, including people with post-graduate degrees and a lifetime of achievements, and the similarities in symptoms tend to outweigh a dismissive response based on charges of anecdotal evidence or group paranoia... There is a certain risk of sounding too conspiratorial, however, common denominators such as physical symptoms and medical reports, surveillance scenarios, harassment techniques, and more can be readily established..."

119-2

TO: TSS/OC

1. Date of Obligation: N/A
2. Purpose of Project: To make a critical review of the literature and scientific development related to the interpretation of bioelectric signals from the human organism, and activation of human behavior by remote means.
3. Progress to Date: Satisfactory

4. Expiration Date: N/A

5. Project Monitor: [REDACTED]

FROM: TSS/CD

[REDACTED]

[REDACTED]

SUB-PROJECT NO. 119

Objective and details of work if available:

Researcher to make "a critical review of the literature and scientific developments related to the recording, analysis and interpretation of bioelectric signals from the human organism, and activation of human behavior by remote means."

Where done:

B
Cover funding:

Principal researchers/contractors:

Approximate time span: Sept 60-July 61 Approximate total funds: \$6,370

When divorced from sponsorship was work classified? no, published? unk

What sponsors other than CIA are mentioned? None.

Names of CIA monitoring officers:

A

Gottlieb,

What aspects if any might be considered controversial?

Probably none. Researcher and university were unwitting.

Was project considered responsive to the

No.

[REDACTED]

B

22 December 1959

[REDACTED]

C

B

Dear [REDACTED] C

I have intended for some time to send you a progress report on the study of bioelectronic phenomena. There have been many pressures in relation to writing it, but the work has proceeded very well. For your information the pressures have related to the initiation of our new Ph.D. program and the completion of the two books on which I have been slaving. [REDACTED] is now in the publishers hands and will be released by [REDACTED] next summer. [REDACTED] is nearing completion and I hope to make my latest corrections to enable its release in Spring 1961. } C

We have divided the bioelectronic study into 4 phases: organ systems generating electric potentials, recording, analysis, and behavioral correlates. Each of these is further subdivided, of course.

Up to this time we have had a group of 4 professional persons: [REDACTED] and no, [REDACTED] meeting regularly to discuss our current accumulations and digests; we have employed two students to do abstracting and bibliographic searching; and we have conducted an extensive correspondence including the gathering of a stack of relevant reprints and catalogs. We have also purchased a small amount of literature. D

My total expenditures to date are under \$300. We have now reached a point where we are in a position to move more intensively on a number of issues and I have asked [REDACTED] to devote a major part of his time to the project, in consideration for which he is to receive \$1000. This will be a very efficient arrangement and will enable us to have a highly qualified psychologist working continuously and intensively with our student assistants and consulting with us and the working group. D

We are planning an [REDACTED] on the problem and also a mid-year conference, all on our original budget, but the plans for the latter are not yet firm. Our target date for the final report is the end of 1960. B

If you wish, I will send you the bills for our further expenses, to be disbursed by your office. However, it is somewhat more convenient to deposit the funds with the [REDACTED] and send the bills and invoices to them. Unless I hear from you on this, I will assume that you prefer the former arrangement. B

Did you find out anything of value for us in [redacted] I had been looking forward to some news from you or [redacted] and this is probably one of the reasons why I have not written sooner. f c

I would also like to explain why I have not submitted a proposal for my "situational variables" study. The principal reasons are two: First, I decided that you might have more confidence in our performance if we waited until we finished the present small study; Second, I have been anxious to avoid getting over-committed. Most of my earlier applications for research grants have been coming through and we may face the problem of staffing them adequately unless we proceed carefully. We are treating your present grant as a major area of responsibility, which fits in with a number of collateral interests here of which you know. I have gone ahead with the planning of the situational variables project and hope to get it actually under way within the next year.

Our new staff members [redacted] are working out splendidly and we hope to add two more men of their caliber this year. In short, things are working out very well at [redacted] and we are slowly, but surely moving toward our goal. [redacted] D } B

Please extend our warm greetings to [redacted] and to the members of your staff. Should you return to these parts, we would remind you of a standing invitation to visit. c

With cordial greetings to you and your family from [redacted] and me, c

Very Sincerely,

[redacted signature block] c

SUBSCRIBE



DAVID HAMBLING SECURITY 07.01.09 5:59 PM

COURT TO DEFENDANT: STOP BLASTING THAT MAN'S MIND!



Late last year, James Walbert went to court, to stop his former business associate from blasting him with mind-altering electromagnetic radiation. Walbert told the Sedgwick County, Kansas panel that Jeremiah Redford threatened him with “jolts of radiation” after a disagreement over a business deal. Later, Walbert, said, he began feeling electric shock sensations, hearing electronically generated tones, and getting popping and ringing sounds in his ears. On December 30th, the court decided in Walbert’s favor, and issued a first-of-its-kind order of protection, banning Redford from using “electronic means” to further harass Walbert. No, seriously.

I recently took part in a BBC Radio 4 program, which took a [light-hearted](#) look into the “the real [Manchurian Candidate](#)” — and examined whether there is any truth in stories of mind control. It gave me a chance to talk about exotic non-lethal weapon concepts like the so-called [telepathic raygun](#), the system which [beams sound directly into your skull](#), and the “[voice of god](#)” talking fireball. Most of these projects are just lab experiments, or examples of Powerpoint engineering. But in some legal, policy, and business circles, electromagnetic brain assaults are being taken seriously.

Walbert’s cause is supported by [Jim Guest](#), a Republican member of the Missouri House of Representatives. He’s working on proposed legislation to address electronic harassment, including a bill against the [forced implantation of RFID chips](#).

The U.N. is also now taking the [possibility of electromagnetic terrorism](#) against people seriously. And for the first time this year’s [European Symposium on Non-lethal Weapons](#) included a session on the [social implications of non-lethal weapons](#), with specific reference to “privacy-invasive remote interrogation and behavioral influence applications.” Those who believe they are being targeted are getting a bit of official recognition.

For some, this opens up a new business opportunity. There are already quite a few companies out there offering “[Technical Surveillance Counter Measures](#),” or sweeps to determine if you are the victim of electronic harassment. As well detecting the usual bugging devices, they can check if you are being covertly bombarded by microwaves which may be the cause of “headache, eye irritation, dizziness, nausea, skin rash, facial swelling, weakness, fatigue, pain in joints and/or muscles, buzzing/ringing in ears.”

Much of this trade may come from people with symptoms caused by something less exotic than high-tech military hardware. But companies will no doubt be willing to sell them expensive protection measures, anyway. And as awareness of these developing technology projects increases, we are likely to be hearing a lot more about

“electronic harassment,” “gang stalking” and the like over the next few years. SUBSCRIBE

And there is also likely to be what folklorists call “Ostension,” or acting out. Now that there are so many websites explaining how easy it is to harass people by zapping them with a modified microwave oven, sooner or later someone is bound to try it.

[Photo: U.S. Army]

ALSO:

- [The Microwave Scream Inside Your Skull](#)
- [Meet the MEDUSA Ray Gun](#)
- [Report: Nonlethal Weapons Could Target Brain, Mimic Schizophrenia ...](#)
- [The Voice of God Weapon Returns](#)
- [Army Yanks ‘Voice-To-Skull Devices’ Site](#)
- [U.N. Investigates Electromagnetic Terrorism](#)

#BIZARRO #CASH RULES EVERYTHING AROUND ME #LASERS AND RAY GUNS #LESS-LETHAL
#PAPER PUSHERS, BELTWAY BANDITS, POLITICIANS #POLITRICKS

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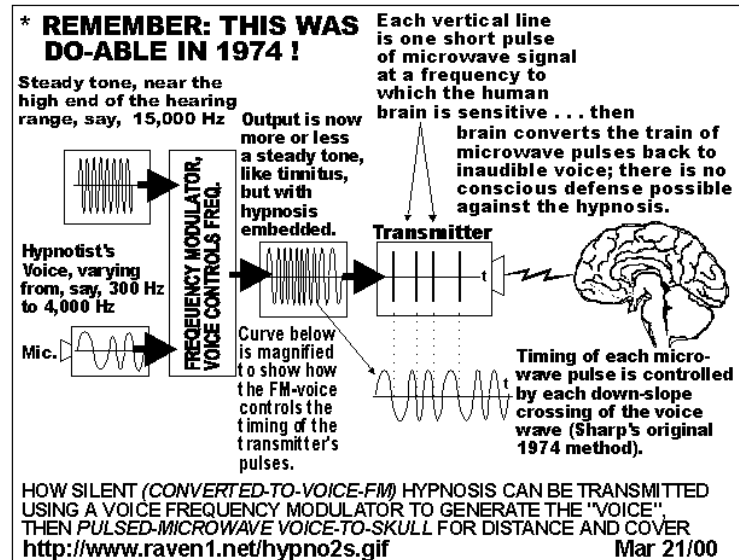
THE ALERT INVESTOR

Why It's Hard to Manage Money in the Military

SHARON WEINBERGER SECURITY 05.09.08 8:26 AM

ARMY YANKS 'VOICE-TO-SKULL DEVICES' SITE

The Army's very strange webpage on "Voice-to-Skull" weapons has been removed. It was strange it was there, and it's even stranger it's gone. If you Google it, you'll see the entry for "Voice-to-Skull device," but, if you click on the website, the link is dead.



The entry, still available on the Federation of American Scientists' website reads:

Nonlethal weapon which includes (1) a neuro-electromagnetic device which uses microwave transmission of sound into the skull of persons or animals by way of pulse-modulated microwave radiation; and (2) a silent sound device which can transmit sound into the skull of person or animals. NOTE: The sound modulation may be voice or audio subliminal messages. One application of V2K is use as an electronic scarecrow to frighten birds in the vicinity of airports.

The U.K.-based group Christians Against Mental Slavery first noted the change (they also have a permanent screenshot of the page). A representative of the group tells me they contacted the Webmaster, who would only tell them the entry was "permanently removed."

The image above is one person's self-styled depiction of how a "voice-to-skull" weapon might work.

[Image: Raven1.net]

ALSO:

- Where's My Acoustic Bazooka?
- The Voice of God Weapon Returns
- Sonic Blaster + Laser = New Weapon
- 'Telepathic Ray Guns' and Vaporized Shoes: The Truth is Weirder
- ...
- Report: Nonlethal Weapons Could Target Brain, Mimic Schizophrenia
- A Voice Only You Can Hear: DARPA's Sonic Projector
- The Other MEDUSA: A Microwave Sound Weapon

SHARON WEINBERGER SECURITY 12.21.07 6:45 AM

THE VOICE OF GOD WEAPON RETURNS



The **VOICE OF GOD** weapon — a device that projects voices into your head to make you think God is speaking to you — is the military’s equivalent of an urban myth. Meaning, it’s mentioned periodically at defense workshops (ironically, I first heard about it at the same defense conference where I first met Noah), and typically someone

whispers about it actually being used. Now Steven Corman, writing at the COMOPS journal, describes his own encounter with this urban myth:

At a government workshop some time ago I heard someone describe a new tool that was described as the “voice of Allah.” This was said to be a device that would operate at a distance and would deliver a message that only a single person could hear. The story was that it was tested in a conflict situation in Iraq and pointed at one insurgent in a group, who whipped around looking in all directions, and began a heated conversation with his compatriots, who did not hear the message. At the time I greeted this story with some skepticism.

Is there any basis to this technology? Well, Holosonic Research Labs and American Technology Corporation both have versions of directed sound, which can allow a single person to hear a message

that others around don't hear. DARPA appears to be working on its own sonic projector. Intriguingly, Strategy Page reports that troops are using the Long Range Acoustic Device as a modified Voice of God weapon:

It appears that some of the troops in Iraq are using "spoken" (as opposed to "screeching") LRAD to mess with enemy fighters. Islamic terrorists tend to be superstitious and, of course, very religious. LRAD can put the "word of God" into their heads. If God, in the form of a voice that only you can hear, tells you to surrender, or run away, what are you gonna do?

And as Corman also notes, CNET recently wrote about an advertisement in New York for A&E's TV show Paranormal State, which uses some of this technology. Beyond directed sound, it's long been known that microwaves at certain frequencies can produce an auditory effect that sounds like it's coming from within someone's head (and there's the nagging question of classified microwave work at Brooks Air Force Base, that the Air Force stubbornly refuses to talk about).

That brings us back to the Voice of God/Allah Weapon. Is it real or bogus? In one version — related to me by another defense reporter — it's not just Allah's voice — but an entire holographic image projected above (um, who decides what Allah looks like?).

Does it exist? I'm not sure, but it's funny that when you hear it brought up at defense conferences, no one ever asks the obvious question: does anybody think this thing will actually convince people God is speaking to them? I'm thinking, not.

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Electronic warfare

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For warfare on the Internet, see [Cyberwarfare](#).

Electronic warfare (EW) is any action involving the use of the [electromagnetic spectrum](#) or [directed energy](#) to control the spectrum, attack an enemy, or impede enemy assaults via the spectrum. The purpose of electronic warfare is to deny the opponent the advantage of, and ensure friendly unimpeded access to, the EM spectrum. EW can be applied from air, sea, land, and space by manned and unmanned systems, and can target humans, communications, [radar](#), or other assets.^[1]

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The electromagnetic environment [\[edit\]](#)

Military operations are executed in an information environment increasingly complicated by the electromagnetic (EM) spectrum. The [electromagnetic spectrum](#) portion of the information environment is referred to as the electromagnetic environment (EME). The recognized need for military forces to have unimpeded access to and use of the electromagnetic environment creates vulnerabilities and opportunities for electronic warfare (EW) in support of military operations.^[1]

Within the information operations construct, EW is an element of information warfare; more specifically, it is an element of offensive and defensive counterinformation.^[2]

NATO has a different and arguably more encompassing and comprehensive approach to EW. A Military Committee conceptual document from 2007 (MCM_0142 Nov 2007 Military Committee Transformation Concept for Future NATO Electronic Warfare) recognised the EME as an operational manoeuvre space and warfighting environment/domain. In NATO, EW is considered to be warfare in the EME. NATO has adopted simplified language which parallel those used in the other warfighting environments like maritime, land and air/space. For example, Electronic Attack is offensive use of EM energy. ED is electronic defence and ES electronic surveillance. The use of the traditional NATO EW measures (ECM, EPM and ESM) has been retained as they contribute to and support EA, ED and ES. Besides EW, other EM



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Interferometry

From Wikipedia, the free encyclopedia

Interferometry is a family of techniques in which waves, usually [electromagnetic](#), are [superimposed](#) in order to extract information about the waves.^[1] Interferometry is an important investigative technique in the fields of [astronomy](#), [fiber optics](#), engineering [metrology](#), optical metrology, [oceanography](#), [seismology](#), [spectroscopy](#) (and its applications to [chemistry](#)), [quantum mechanics](#), [nuclear](#) and [particle physics](#), [plasma physics](#), [remote sensing](#), [biomolecular interactions](#), surface profiling, [microfluidics](#), mechanical stress/strain measurement, and velocimetry.^{[2]:1–2}

Interferometers are widely used in science and industry for the measurement of small displacements, refractive index changes and surface irregularities. In analytical science, interferometers are used in continuous wave [Fourier transform spectroscopy](#) to analyze light containing features of absorption or emission associated with a substance or mixture. An [astronomical interferometer](#) consists of two or more separate telescopes that combine their signals, offering a resolution equivalent to that of a telescope of diameter equal to the largest separation between its individual elements.

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See also: [Interference \(wave propagation\)](#)

Interferometry makes use of the principle of superposition to combine waves in a way that will cause the result of their combination to have some meaningful

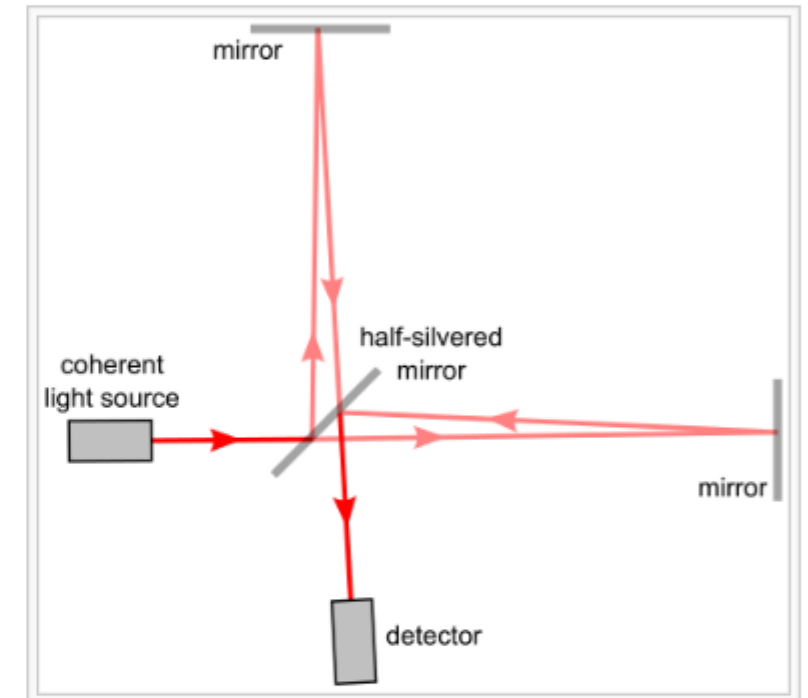


Figure 1. The light path through a [Michelson interferometer](#). The two light rays with a common source combine at the half-silvered mirror to reach the detector. They may either interfere constructively (strengthening in intensity) if their light waves arrive in phase, or interfere destructively (weakening in intensity) if they arrive out of phase, depending on the exact distances between the three mirrors.

$$\mathbf{S}_2 \cdot \mathbf{S}_1$$

$$\mathbf{S}_2 \cdot \mathbf{S}_1$$

$$\mathbf{S}_2 \cdot \mathbf{S}_1$$

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|
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Mr. Murray Barlowe, WA2PZO
SCIENCE WORKSHOP BOX 310 BETHPAGE NY 11714
(516) 731-7628

Dear Murray,

Nuclear Magnetic Resonance (NMR) and Magnetic Resonance Imaging (MRI) employs high frequency radio transmitters, receivers, and computer science techniques to generate images or chemical spectra of organic materials. NMRIMRI techniques use methods developed between 1930 and 1945 for military RADAR. RADAR and NMR/MRI both use Transmit/Receive circuits, state of the art receiver sensitivity, and good antenna (probe) design.

NMR/MRI applications using radio frequency methods have not received much attention in the amateur radio publications (Ham Radio, QST, CQ , and 73) since these publications are concerned with radio communications as an end use of RF techniques. There are a whole score of "non-communications" usage of RF techniques and NMR/MRI would be one such use. You can "listen" to the radio signals produced by the nucleus of the hydrogen atom by exciting these photons to transmit, and make an image by reconstructing the matrix of protons. The technical challenge of building a system to do this might seem worth while to experienced amateurs.

The transmitter modulation required for selective excitation of a group of protons can be accomplished by using techniques similar to the early days of single sideband modulation, using phasing (audio multiplication by RF) techniques. The Science Workshop "Poor Man's Spectrum Analyzer" provides a useful instrument to adjust the required circuits to assure a correctly aligned phasing-type SSB transmitter. No, the protons do not mail QSL cards, but the thrill of capturing a Free Induction Decay might serve as a substitute. All that is required is lots of patience and visits to flea markets, a few books on the subject, a large magnet, and determination.

I have been building simple NMR systems since 1957, first using the earth's magnetic field as a free proton magnet source. Since 1982 I have been a part of the technical support team at Yale's NMWMRI instrument group, certainly the most enjoyable time I have had using short wave techniques since getting my original ticket in 1938 (WSIMB).

I am unaware of any amateur magnetic resonance interest or support group at this time, but this would be a way of developing and sharing techniques and problems.

Sincerely,

Wade G. Holcomb, WIGHU

Electron paramagnetic resonance

Electron paramagnetic resonance (EPR) or electron spin resonance (ESR) spectroscopy is a method for studying materials with unpaired electrons. The basic concepts of EPR are analogous to those of **nuclear magnetic resonance (NMR)**, but it is electron spins that are excited instead of the spins of **atomic nuclei**. EPR spectroscopy is particularly useful for studying metal complexes or organic radicals. EPR was first observed in **Kazan State University** by Soviet physicist **Yevgeny Zavoisky** in 1944,^{[1][2]} and was developed independently at the same time by **Brebis Bleaney** at the **University of Oxford**.



EPR spectrometer

1 Theory

1.1 Origin of an EPR signal

Every electron has a **magnetic moment** and **spin quantum number** $s = \frac{1}{2}$, with magnetic components $m_s = +\frac{1}{2}$ and $m_s = -\frac{1}{2}$. In the presence of an external magnetic field with strength B_0 , the electron's magnetic moment aligns itself either parallel ($m_s = -\frac{1}{2}$) or antiparallel ($m_s = +\frac{1}{2}$) to the field, each alignment having a specific energy due to the **Zeeman effect**:

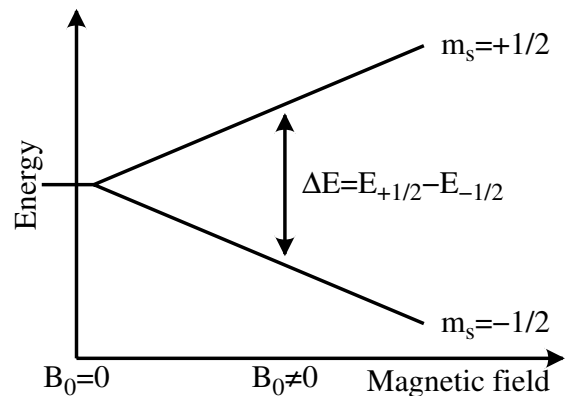
$$E = m_s g_e \mu_B B_0,$$

where

- g_e is the electron's so-called ***g-factor*** (see also the **Landé *g-factor***), $g_e = 2.0023$ for the free electron,^[3]

- μ_B is the **Bohr magneton**.

Therefore, the separation between the lower and the upper state is $\Delta E = g_e \mu_B B_0$ for unpaired free electrons. This equation implies that the splitting of the energy levels is directly proportional to the **magnetic field's** strength, as shown in the diagram below.

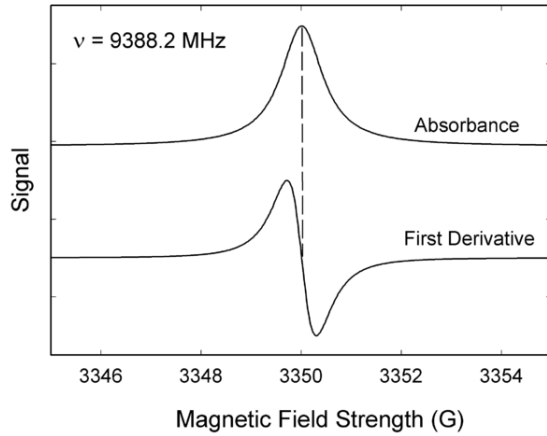


Splitting of electron spin states

An unpaired electron can move between the two energy levels by either absorbing or emitting a **photon** of energy $h\nu$ such that the resonance condition, $h\nu = \Delta E$, is obeyed. This leads to the fundamental equation of EPR spectroscopy: $h\nu = g_e \mu_B B_0$.

Experimentally, this equation permits a large combination of frequency and magnetic field values, but the great majority of EPR measurements are made with microwaves in the 9000–10000 MHz (9–10 GHz) region, with fields corresponding to about 3500 G (0.35 T). Furthermore, EPR spectra can be generated by either varying the photon frequency incident on a sample while holding the magnetic field constant or doing the reverse. In practice, it is usually the frequency that is kept fixed. A collection of **paramagnetic** centers, such as free radicals, is exposed to microwaves at a fixed frequency. By increasing an external magnetic field, the gap between the $m_s = +\frac{1}{2}$ and $m_s = -\frac{1}{2}$ energy states is widened until it matches the energy of the microwaves, as represented by the double arrow in the diagram above. At this point the unpaired electrons can move between their two spin states. Since there typically are more electrons in the lower state, due to the Maxwell–Boltzmann distribution (see below), there is a net absorption of energy, and it is this absorption that is monitored and converted into a spectrum. The upper spectrum below is the simulated absorption for a system of free electrons in a varying magnetic field. The lower

spectrum is the first derivative of the absorption spectrum. The latter is the most common way to record and publish EPR spectra.



For the microwave frequency of 9388.2 MHz, the predicted resonance occurs at a magnetic field of about $B_0 = h\nu/g_e\mu_B = 0.3350$ teslas = 3350 gauss.

Because of electron-nuclear mass differences, the magnetic moment of an electron is substantially larger than the corresponding quantity for any nucleus, so that a much higher electromagnetic frequency is needed to bring about a spin resonance with an electron than with a nucleus, at identical magnetic field strengths. For example, for the field of 3350 G shown at the right, spin resonance occurs near 9388.2 MHz for an electron compared to only about 14.3 MHz for ^1H nuclei. (For NMR spectroscopy, the corresponding resonance equation is $h\nu = g_N\mu_N B_0$ where g_N and μ_N depend on the nucleus under study.)

1.2 Maxwell–Boltzmann distribution

In practice, EPR samples consist of collections of many paramagnetic species, and not single isolated paramagnetic centers. If the population of radicals is in thermodynamic equilibrium, its statistical distribution is described by the Maxwell–Boltzmann equation:

$$\frac{n_{\text{upper}}}{n_{\text{lower}}} = \exp\left(-\frac{E_{\text{upper}} - E_{\text{lower}}}{kT}\right) = \exp\left(-\frac{\Delta E}{kT}\right) = \exp\left(-\frac{g\mu_B B}{kT}\right) \quad (1)$$

where n_{upper} is the number of paramagnetic centers occupying the upper energy state, k is the Boltzmann constant, and T is the thermodynamic temperature. At 298 K, X-band microwave frequencies ($\nu \approx 9.75$ GHz) give $n_{\text{upper}}/n_{\text{lower}} \approx 0.998$, meaning that the upper energy level has a slightly smaller population than the lower one. Therefore, transitions from the lower to the higher level are more probable than the reverse, which is why there is a net absorption of energy.

The sensitivity of the EPR method (i.e., the minimal number of detectable spins N_{min}) depends on the photon frequency ν according to

$$N_{\text{min}} = \frac{k_1 V}{Q_0 k_f \nu^2 P^{1/2}}, \quad (2)$$

where k_1 is a constant, V is the sample's volume, Q_0 is the unloaded quality factor of the microwave cavity (sample chamber), k_f is the cavity filling coefficient, and P is the microwave power in the spectrometer cavity. With k_f and P being constants, $N_{\text{min}} \sim (Q_0 \nu^2)^{-1}$, i.e., $N_{\text{min}} \sim \nu^{-\alpha}$, where $\alpha \approx 1.5$. In practice, α can change varying from 0.5 to 4.5 depending on spectrometer characteristics, resonance conditions, and sample size.

A great sensitivity is therefore obtained with a low detection limit N_{min} and a large number of spins. Therefore, the required parameters are:

- A high spectrometer frequency to maximize the Eq. 2. Common frequencies are discussed below
- A low temperature to decrease the number of spin at the high level of energy as shown in Eq. 1. This condition explains why spectra are often recorded on sample at the boiling point of liquid nitrogen or liquid helium.

2 Spectral parameters

In real systems, electrons are normally not solitary, but are associated with one or more atoms. There are several important consequences of this:

1. An unpaired electron can gain or lose angular momentum, which can change the value of its g -factor, causing it to differ from g_e . This is especially significant for chemical systems with transition-metal ions.
2. The magnetic moment of a nucleus with a non-zero nuclear spin will affect any unpaired electrons associated with that atom. This leads to the phenomenon of hyperfine coupling, analogous to J -coupling in NMR, splitting the EPR resonance signal into doublets, triplets and so forth. 1) (Eq. 1)
3. Interactions of an unpaired electron with its environment influence the shape of an EPR spectral line. Line shapes can yield information about, for example, rates of chemical reactions.^[4]
4. The g -factor and hyperfine coupling in an atom or molecule may not be the same for all orientations of an unpaired electron in an external magnetic field. This anisotropy depends upon the electronic structure of the atom or molecule (e.g., free radical) in

question, and so can provide information about the atomic or molecular orbital containing the unpaired electron.

2.1 The g factor

Knowledge of the g -factor can give information about a paramagnetic center's electronic structure. An unpaired electron responds not only to a spectrometer's applied magnetic field B_0 but also to any local magnetic fields of atoms or molecules. The effective field B_{eff} experienced by an electron is thus written

$$B_{\text{eff}} = B_0(1 - \sigma),$$

where σ includes the effects of local fields (σ can be positive or negative). Therefore, the $h\nu = g_e\mu_B B_{\text{eff}}$ resonance condition (above) is rewritten as follows:

$$h\nu = g_e\mu_B B_{\text{eff}} = g_e\mu_B B_0(1 - \sigma).$$

The quantity $g_e(1 - \sigma)$ is denoted g and called simply the g -factor, so that the final resonance equation becomes

$$h\nu = g\mu_B B_0.$$

This last equation is used to determine g in an EPR experiment by measuring the field and the frequency at which resonance occurs. If g does not equal g_e , the implication is that the ratio of the unpaired electron's spin magnetic moment to its angular momentum differs from the free-electron value. Since an electron's spin magnetic moment is constant (approximately the Bohr magneton), then the electron must have gained or lost angular momentum through **spin-orbit coupling**. Because the mechanisms of spin-orbit coupling are well understood, the magnitude of the change gives information about the nature of the atomic or molecular orbital containing the unpaired electron.

In general, the g factor is not a number but a second-rank **tensor** represented by 9 numbers arranged in a 3×3 **matrix**. The **principal axes** of this tensor are determined by the local fields, for example, by the local atomic arrangement around the unpaired spin in a solid or in a molecule. Choosing an appropriate coordinate system (say, x, y, z) allows to "diagonalize" this tensor, thereby reducing the maximal number of its components from 9 to 3: g_{xx} , g_{yy} and g_{zz} . For a single spin experiencing only Zeeman interaction with an external magnetic field, the position of the EPR resonance is given by the expression $g_{xx}B_x + g_{yy}B_y + g_{zz}B_z$. Here B_x , B_y and B_z are the components of the magnetic field vector in the coordinate system (x, y, z); their magnitudes change as the field is rotated, so as the frequency of the resonance. For a large ensemble of randomly oriented spins, the EPR spectrum consists of three peaks of characteristic shape at frequencies

$g_{xx}B_0$, $g_{yy}B_0$ and $g_{zz}B_0$: the low-frequency peak is positive in first-derivative spectra, the high-frequency peak is negative, and the central peak is bipolar. Such situation is commonly observed in powders, and the spectra are therefore called "powder-pattern spectra". In crystals, the number of EPR lines is determined by the number of crystallographically equivalent orientations of the EPR spin (called "EPR center").

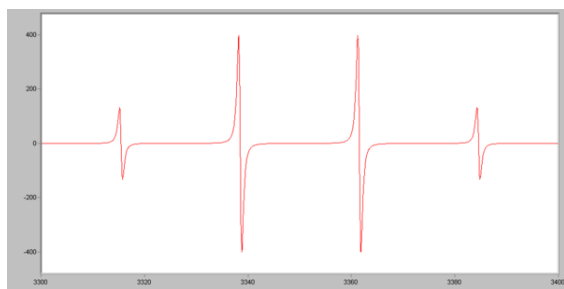
2.2 Hyperfine coupling

Since the source of an EPR spectrum is a change in an electron's spin state, it might be thought that all EPR spectra for a single electron spin would consist of one line. However, the interaction of an unpaired electron, by way of its magnetic moment, with nearby nuclear spins, results in additional allowed energy states and, in turn, multi-lined spectra. In such cases, the spacing between the EPR spectral lines indicates the degree of interaction between the unpaired electron and the perturbing nuclei. The **hyperfine coupling** constant of a nucleus is directly related to the spectral line spacing and, in the simplest cases, is essentially the spacing itself.

Two common mechanisms by which electrons and nuclei interact are the **Fermi contact interaction** and by dipolar interaction. The former applies largely to the case of isotropic interactions (independent of sample orientation in a magnetic field) and the latter to the case of anisotropic interactions (spectra dependent on sample orientation in a magnetic field). Spin polarization is a third mechanism for interactions between an unpaired electron and a nuclear spin, being especially important for π -electron organic radicals, such as the benzene radical anion. The symbols " a " or " A " are used for isotropic hyperfine coupling constants, while " B " is usually employed for anisotropic hyperfine coupling constants.^[5]

In many cases, the isotropic hyperfine splitting pattern for a radical freely tumbling in a solution (isotropic system) can be predicted.

- For a radical having M equivalent nuclei, each with a spin of I , the number of EPR lines expected is $2MI + 1$. As an example, the methyl radical, CH_3 , has three ^1H nuclei, each with $I = 1/2$, and so the number of lines expected is $2MI + 1 = 2(3)(1/2) + 1 = 4$, which is as observed.
- For a radical having M_1 equivalent nuclei, each with a spin of I_1 , and a group of M_2 equivalent nuclei, each with a spin of I_2 , the number of lines expected is $(2M_1I_1 + 1)(2M_2I_2 + 1)$. As an example, the methoxymethyl radical, $\text{H}_2\text{C}(\text{OCH}_3)$, has two equivalent ^1H nuclei, each with $I = 1/2$ and three equivalent ^1H nuclei each with $I = 1/2$, and so the number of lines expected is $(2M_1I_1 + 1)(2M_2I_2 + 1) = [2(2)(1/2) + 1][2(3)(1/2) + 1] = 3 \times 4 = 12$, again as observed.

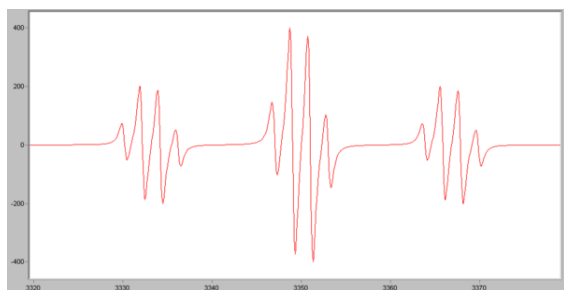


Simulated EPR spectrum of the CH_3 radical

- The above can be extended to predict the number of lines for any number of nuclei.

While it is easy to predict the number of lines a radical's EPR spectrum should show, the reverse problem, unraveling a complex multi-line EPR spectrum and assigning the various spacings to specific nuclei, is more difficult.

In the oft-encountered case of $I = 1/2$ nuclei (e.g., ^1H , ^{19}F , ^{31}P), the line intensities produced by a population of radicals, each possessing M equivalent nuclei, will follow **Pascal's triangle**. For example, the spectrum at the right shows that the three ^1H nuclei of the CH_3 radical give rise to $2MI + 1 = 2(3)(1/2) + 1 = 4$ lines with a 1:3:3:1 ratio. The line spacing gives a hyperfine coupling constant of $a\text{H} = 23\text{ G}$ for each of the three ^1H nuclei. Note again that the lines in this spectrum are *first derivatives* of absorptions.



Simulated EPR spectrum of the $\text{H}_2\text{C}(\text{OCH}_3)$ radical

As a second example, consider the methoxymethyl radical, $\text{H}_2\text{C}(\text{OCH}_3)$. The two equivalent methyl hydrogens will give an overall 1:2:1 EPR pattern, each component of which is further split by the three methoxy hydrogens into a 1:3:3:1 pattern to give a total of $3 \times 4 = 12$ lines, a triplet of quartets. A simulation of the observed EPR spectrum is shown at the right and agrees with the 12-line prediction and the expected line intensities. Note that the smaller coupling constant (smaller line spacing) is due to the three methoxy hydrogens, while the larger coupling constant (line spacing) is from the two hydrogens bonded directly to the carbon atom bearing the unpaired electron. It is often the case that coupling constants decrease in size with distance from a radical's unpaired electron, but there are some notable exceptions, such as the ethyl radical (CH_2CH_3).

2.3 Resonance linewidth definition

Resonance linewidths are defined in terms of the magnetic induction B and its corresponding units, and are measured along the x axis of an EPR spectrum, from a line's center to a chosen reference point of the line. These defined widths are called **halfwidths** and possess some advantages: for asymmetric lines, values of left and right halfwidth can be given. The halfwidth ΔB_h is the distance measured from the line's center to the point in which **absorption** value has half of maximal absorption value in the center of **resonance** line. First inclination width $\Delta B_{1/2}$ is a distance from center of the line to the point of maximal absorption curve inclination. In practice, a full definition of linewidth is used. For symmetric lines, halfwidth $\Delta B_{1/2} = 2\Delta B_h$, and full inclination width $\Delta B_{\text{max}} = 2\Delta B_{1s}$.

3 Pulsed EPR

For more details on this topic, see **Pulsed EPR**.

The dynamics of electron spins are best studied with pulsed measurements.^[6] Microwave pulses typically 10–100 ns long are used to control the spins in the **Bloch sphere**. The **spin-lattice relaxation time** can be measured with an **inversion recovery** experiment.

As with pulsed NMR, the **Hahn echo** is central to many pulsed EPR experiments. A **Hahn echo** decay experiment can be used to measure the dephasing time, as shown in the animation below. The size of the echo is recorded for different spacings of the two pulses. This reveals the decoherence, which is not refocused by the π pulse. In simple cases, an **exponential decay** is measured, which is described by the T_2 time.

unpaired electron.

5 Miniature electron spin resonance spectroscopy with Micro-ESR

Miniaturisation of military radar technologies allowed the development of miniature microwave electronics as a spin-off by the **California Institute of Technology**. Since 2007 these sensors have been employed in miniaturized electron spin resonance spectrometers called Micro-ESR.

The high cost, large size, and difficult maintenance of electron spin resonance spectrometers has limited their use to specialized research centers with highly trained personnel. Micro-ESR makes ESR feasible for nonspecialists to determine oxidation by directly measuring of free radicals.

Applications include real-time monitoring of free radical containing **asphaltenes** in (crude) oils, biomedical R&D to measure oxidative stress, evaluation of the shelf life of food products.

Medical and biological applications of EPR also exist. Although radicals are very reactive, and so do not normally occur in high concentrations in biology, special reagents have been developed to spin-label molecules of interest. These reagents are particularly useful in biological systems. Specially-designed nonreactive radical molecules can attach to specific sites in a **biological cell**, and EPR spectra can then give information on the environment of these so-called **spin labels** or **spin probes**. Spin-labeled fatty acids have been extensively used to study dynamic organisation of lipids in biological membranes,^[7] lipid-protein interactions^[8] and temperature of transition of gel to liquid crystalline phases.^[9]

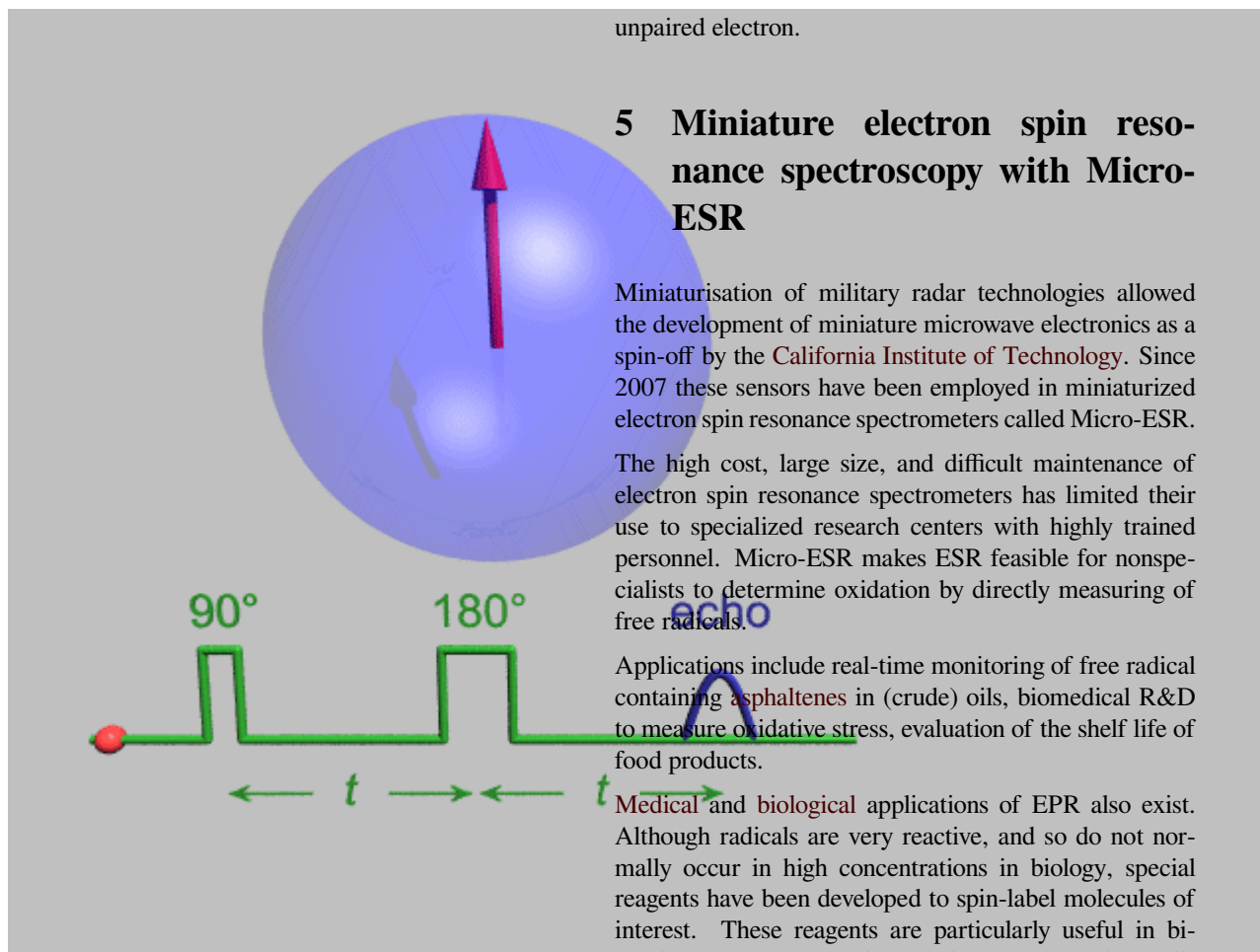
A type of **dosimetry system** has been designed for reference standards and routine use in medicine, based on EPR signals of radicals from irradiated polycrystalline **α -alanine** (the alanine deamination radical, the hydrogen abstraction radical, and the $(\text{CO}^-(\text{OH}))=\text{C}(\text{CH}_3)\text{NH}_2^+$ radical). This method is suitable for measuring **gamma** and **x-rays**, electrons, protons, and high-linear energy transfer (LET) radiation of doses in the 1 Gy to 100 kGy range.^[10]

EPR/ESR spectroscopy can be applied only to systems in which the balance between radical decay and radical formation keeps the free radicals concentration above the detection limit of the spectrometer used. This can be a particularly severe problem in studying reactions in liquids. An alternative approach is to slow down reactions by studying samples held at **cryogenic** temperatures, such as 77 K (**liquid nitrogen**) or 4.2 K (**liquid helium**). An example of this work is the study of radical reactions in single crystals of amino acids exposed to x-rays, work that sometimes leads to **activation energies** and rate constants

Pulsed EPR could be advanced into electron nuclear double resonance spectroscopy (ENDOR), which utilize waves in the radio frequencies. Since different nuclei with unpaired electrons respond to different wavelengths, radio frequencies are required at times. Since the results of the ENDOR gives the coupling resonance between the nuclei and the unpaired electron, the relationship between them can be determined.

4 Applications

EPR/ESR spectroscopy is used in various branches of science, such as **biology**, **chemistry** and **physics**, for the detection and identification of **free radicals** and paramagnetic centers such as **F-centers**. EPR is a sensitive, specific method for studying both radicals formed in chemical reactions and the reactions themselves. For example, when ice (solid H_2O) is decomposed by exposure to high-energy radiation, radicals such as H, OH, and HO_2 are produced. Such radicals can be identified and studied by EPR. Organic and inorganic radicals can be detected in electrochemical systems and in materials exposed to UV light. In many cases, the reactions to make the radicals and the subsequent reactions of the radicals are of interest, while in other cases EPR is used to provide information on a radical's geometry and the orbital of the



for radical reactions.

The study of radiation-induced free radicals in biological substances (for cancer research) poses the additional problem that tissue contains water, and water (due to its electric dipole moment) has a strong absorption band in the microwave region used in EPR spectrometers.

EPR/ESR also has been used by archaeologists for the dating of teeth. Radiation damage over long periods of time creates free radicals in tooth enamel, which can then be examined by EPR and, after proper calibration, dated. Alternatively, material extracted from the teeth of people during dental procedures can be used to quantify their cumulative exposure to ionizing radiation. People exposed to radiation from the Chernobyl disaster have been examined by this method.^{[11][12]}

Radiation-sterilized foods have been examined with EPR spectroscopy, the aim being to develop methods to determine whether a particular food sample has been irradiated and to what dose.

Because of its high sensitivity, EPR was used recently to measure the quantity of energy used locally during a mechanochemical milling process.^[13]

EPR/ESR spectroscopy has been used to measure properties of crude oil, in particular asphaltene and vanadium content. EPR measurement of asphaltene content is a function of spin density and solvent polarity. Prior work dating to the 1960s has demonstrated the ability to measure vanadium content to sub-ppm levels.

In the field of quantum computing, pulsed EPR is used to control the state of electron spin qubits in materials such as diamond, silicon and gallium arsenide.

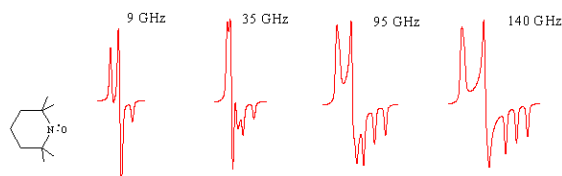
6 High-field high-frequency measurements

High-field high-frequency EPR measurements are sometimes needed to detect subtle spectroscopic details. However, for many years the use of electromagnets to produce the needed fields above 1.5 T was impossible, due principally to limitations of traditional magnet materials. The first multifunctional millimeter EPR spectrometer with a superconducting solenoid was described in the early 1970s by Prof. Y. S. Lebedev's group (Russian Institute of Chemical Physics, Moscow) in collaboration with L. G. Oranski's group (Ukrainian Physics and Technics Institute, Donetsk), which began working in the Institute of Problems of Chemical Physics, Chernogolovka around 1975.^[14] Two decades later, a W-band EPR spectrometer was produced as a small commercial line by the German Bruker Company, initiating the expansion of W-band EPR techniques into medium-sized academic laboratories.

The EPR waveband is stipulated by the frequency or

wavelength of a spectrometer's microwave source (see Table).

EPR experiments often are conducted at X and, less commonly, Q bands, mainly due to the ready availability of the necessary microwave components (which originally were developed for radar applications). A second reason for widespread X and Q band measurements is that electromagnets can reliably generate fields up to about 1 tesla. However, the low spectral resolution over g -factor at these wavebands limits the study of paramagnetic centers with comparatively low anisotropic magnetic parameters. Measurements at $\nu > 40$ GHz, in the millimeter wavelength region, offer the following advantages:



EPR spectra of TEMPO, a nitroxide radical, as a function of frequency. Note the improvement in resolution from left to right.^[14]

1. EPR spectra are simplified due to the reduction of second-order effects at high fields.
2. Increase in orientation selectivity and sensitivity in the investigation of disordered systems.
3. The informativity and precision of pulse methods, e.g., ENDOR also increase at high magnetic fields.
4. Accessibility of spin systems with larger zero-field splitting due to the larger microwave quantum energy $h\nu$.
5. The higher spectral resolution over g -factor, which increases with irradiation frequency ν and external magnetic field B_0 . This is used to investigate the structure, polarity, and dynamics of radical microenvironments in spin-modified organic and biological systems through the spin label and probe method. The figure shows how spectral resolution improves with increasing frequency.
6. Saturation of paramagnetic centers occurs at a comparatively low microwave polarizing field B_1 , due to the exponential dependence of the number of excited spins on the radiation frequency ν . This effect can be successfully used to study the relaxation and dynamics of paramagnetic centers as well as of superslow motion in the systems under study.
7. The cross-relaxation of paramagnetic centers decreases dramatically at high magnetic fields, making it easier to obtain more-precise and more-complete information about the system under study.^[14]

This was demonstrated experimentally in the study of various biological, polymeric and model systems at D-band EPR.^[15]

7 See also

- Electric dipole spin resonance
- Ferromagnetic resonance
- Dynamic nuclear polarisation
- Spin labels
- Site-directed spin labeling
- Spin trapping
- EDMR

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9 External links

- Electron Magnetic Resonance Program National High Magnetic Field Laboratory
- Electron Paramagnetic Resonance (Specialist Periodical Reports) Published by the Royal Society of Chemistry
- Using ESR to measure free radicals in used engine oil

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Microwave oven



the front of a 2016 model microwave oven

A **microwave oven** is a **kitchen appliance** that heats and cooks food by exposing it to **microwave radiation** in the **electromagnetic spectrum**. This induces **polar molecules** in the food to rotate and produce **thermal energy** in a process known as **dielectric heating**. Microwave ovens heat foods quickly and efficiently because excitation is fairly uniform in the outer 25–38 mm (1–1.5 inches) of a **homogeneous**, high water content food item; food is more evenly heated throughout (except in heterogeneous, dense objects) than generally occurs in other cooking techniques.

Percy Spencer is generally credited with inventing the modern microwave oven after **World War II** from radar technology developed during the war. Named the “Radarange”, it was first sold in 1946. **Raytheon** later licensed its patents for a home-use microwave oven that was first introduced by **Tappan** in 1955, but these units were still too large and expensive for general home use. The countertop microwave oven was first introduced in 1967 by the **Amana Corporation**, and their use has spread into commercial and residential **kitchens** around the world.

Microwave ovens are popular for reheating previously cooked foods and cooking a variety of foods. They are also useful for rapid heating of otherwise slowly prepared cooking items, such as hot **butter**, **fats**, and **chocolate**. Unlike conventional ovens, microwave ovens usually do not directly brown or caramelize food, since they rarely attain the necessary temperatures to produce **Maillard reactions**. Exceptions occur in rare cases where the oven is used to heat frying-oil and other very oily items (such as bacon), which attain far higher temperatures than that of boiling water. Microwave ovens have a limited role in

professional cooking,^[1] because the boiling-range temperatures produced in especially hydrous foods impede flavors produced by the higher temperatures of frying, browning, or baking. However, additional heat sources can be added to microwave ovens, or into combination microwave ovens, to produce these other heating effects, and microwave heating may cut the overall time needed to prepare such dishes. Some modern microwave ovens are part of over-the-range units with built-in **extractor hoods**.

1 History

1.1 Early developments

The exploitation of high-frequency **radio waves** for heating substances was made possible by the development of **vacuum tube radio transmitters** around 1920. By 1930 the application of **short waves** to heat human tissue had developed into the medical therapy of **diathermy**. At the 1933 **Chicago World's Fair**, Westinghouse demonstrated the cooking of foods between two metal plates attached to a 10 kW, 60 MHz **shortwave transmitter**.^[2] The Westinghouse team, led by I. F. Mouromtseff, found that foods like steaks and potatoes could be cooked in minutes.

The 1937 United States patent application by Bell Laboratories states and also in Canada:^[3]

“This invention relates to heating systems for dielectric materials and the object of the invention is to heat such materials uniformly and substantially simultaneously throughout their mass. ... It has been proposed therefore to heat such materials simultaneously throughout their mass by means of the dielectric loss produced in them when they are subjected to a high voltage, high frequency field.”

However, lower-frequency **dielectric heating**, as described in the aforementioned patent, is (like **induction heating**) an **electromagnetic** heating effect, the result of the so-called **near-field** effects that exist in an electromagnetic cavity that is small compared with the **wavelength** of the electromagnetic field. This patent proposed radio frequency heating, at 10 to 20 megahertz (wavelength 15 to 30 meters).^[4] Heating from microwaves that have a wavelength that is small relative to the cavity (as in a modern microwave oven) is due to “far-field” effects that are due to classical **electromagnetic radiation** that describes

freely propagating light and microwaves suitably far from their source. Nevertheless, the primary heating effect of all types of electromagnetic fields at both radio and microwave frequencies occurs via the **dielectric heating** effect, as polarized molecules are affected by a rapidly alternating electric field.

1.2 Cavity magnetron



Microwave ovens, several from the 1980s



The cavity magnetron developed by John Randall and Harry Boot in 1940 at the University of Birmingham.

The invention of the cavity magnetron made possible the production of electromagnetic waves of a small enough wavelength (microwaves). The magnetron was originally a crucial component in the development of short wavelength radar during World War II.^[5] In 1937–1940, a

multi-cavity magnetron was built by the British physicist **Sir John Turton Randall, FRSE**, together with a team of British coworkers, for the British and American military radar installations in World War II. A more high-powered microwave generator that worked at shorter wavelengths was needed, and in 1940, at the **University of Birmingham**, **John Randall** and **Harry Boot** produced a working prototype.^[6]

Sir Henry Tizard travelled to the U.S. in late September 1940 to offer the magnetron in exchange for their financial and industrial help (see **Tizard Mission**). An early 6 kW version, built in England by the **General Electric Company Research Laboratories, Wembley, London**, was given to the **U.S. government** in September 1940. Contracts were awarded to **Raytheon** and other companies for mass production of the magnetron.

1.3 Discovery

In 1945 the specific heating effect of a high-power microwave beam was accidentally discovered by **Percy Spencer**, an **American** self-taught engineer from **Howland, Maine**. Employed by **Raytheon** at the time, he noticed that microwaves from an active radar set he was working on started to melt a **candy bar** he had in his pocket. The first food deliberately cooked with Spencer's microwave was popcorn, and the second was an egg, which exploded in the face of one of the experimenters.^{[7][8]} To verify his finding, Spencer created a high density electromagnetic field by feeding microwave power from a magnetron into a metal box from which it had no way to escape. When food was placed in the box with the microwave energy, the temperature of the food rose rapidly.

On 8 October 1945,^[9] Raytheon filed a United States patent application for Spencer's microwave cooking process, and an oven that heated food using microwave energy from a magnetron was soon placed in a Boston restaurant for testing. The first time the public was able to use a microwave oven was in January 1947, when the **Speedy Weeny** vending machine was placed in **Grand Central Terminal** to dispense "sizzling delicious" hot dogs. Among those on the development team was robotics pioneer **George Devol**, who had spent the last part of the war developing **radar countermeasures**.

1.4 Commercial availability

In 1947, Raytheon built the "Radarange", the first commercially available microwave oven.^[10] It was almost 1.8 metres (5 ft 11 in) tall, weighed 340 kilograms (750 lb) and cost about US\$5,000 (\$52,988 in today's dollars) each. It consumed 3 kilowatts, about three times as much as today's microwave ovens, and was water-cooled. An early Radarange was installed (and remains) in the galley of the nuclear-powered passenger/cargo ship **NS Savan-**



Raytheon RadaRange aboard the NS Savannah nuclear-powered cargo ship, installed circa 1961

nah. An early commercial model introduced in 1954 consumed 1.6 kilowatts and sold for US\$2,000 to US\$3,000 (\$18,000 to \$26,000 in today's dollars). Raytheon licensed its technology to the Tappan Stove company of Mansfield, Ohio in 1952.^[11] They tried to market a large 220 volt wall unit as a home microwave oven in 1955 for a price of US\$1,295 (\$11,439 in today's dollars), but it did not sell well. In 1965, Raytheon acquired Amana. In 1967, they introduced the first popular home model, the countertop Radarange, at a price of US\$495 (\$3,513 in today's dollars).

In the 1960s, Litton bought Studebaker's Franklin Manufacturing assets, which had been manufacturing magnetrons and building and selling microwave ovens similar to the Radarange. Litton then developed a new configuration of the microwave: the short, wide shape that is now common. The magnetron feed was also unique. This resulted in an oven that could survive a no-load condition: an empty microwave oven where there is nothing to absorb the microwaves. The new oven was shown at a trade show in Chicago, and helped begin a rapid growth of the market for home microwave ovens. Sales volume of 40,000 units for the U.S. industry in 1970 grew to one

million by 1975. Market penetration was faster in Japan, due to a re-engineered magnetron allowing for less expensive units. Several other companies joined in the market, and for a time most systems were built by defense contractors, who were most familiar with the magnetron. Litton was particularly well known in the restaurant business.

1.4.1 Residential use



1971 Radar Range [RR-4]

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By the late 1970s, technological advances led to rapidly falling prices. Often called “electronic ovens” in the 1960s, the name “microwave oven” later gained currency, and they are now informally called “microwaves”.

Formerly found only in large industrial applications, microwave ovens increasingly became a standard fixture of residential kitchens in developed countries. By 1986, roughly 25% of households in the U.S. owned a microwave oven, up from only about 1% in 1971;^[12] the U.S. Bureau of Labor Statistics reported that over 90% of American households owned a microwave oven in 1997.^{[12][13]} In Australia, a 2008 market research study found that 95% of kitchens contained a microwave oven and that 83% of them were used daily.^[14] In Canada, fewer than 5% of households had a microwave oven in 1979, but more than 88% of households owned one by 1998.^[15] In France, 40% of households owned a microwave oven in 1994, but that number had increased to 65% by 2004.^[16]

Adoption has been slower in less-developed countries, as households with disposable income concentrate on more important household appliances like refrigerators and ovens. In India in 2013, for example, only about 5% of households owned a microwave, well behind refrigerators at 31% ownership.^[17] Microwave ovens are gaining popularity, however. In Russia, the number of households with a microwave grew from almost 24% in 2002 to almost 40% in 2008.^[18] Almost twice as many households in South Africa owned microwaves in 2008 (38.7%) than in 2002 (19.8%).^[18] Microwave ownership in Vietnam was at 16% of households in 2008—versus 30%

ownership of refrigerators—but this rate was up significantly from 6.7% microwave ownership in 2002—and 14% for refrigerators.^[18]

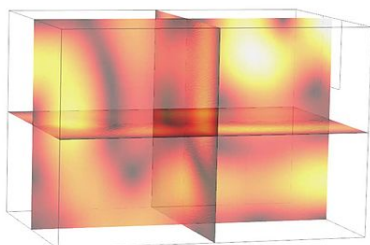
2 Principles

For more details on this topic, see [dielectric heating](#).

A microwave oven heats food by passing microwave ra-



A microwave oven c.2005.



Simulation of the electric field inside a microwave oven for the first 8 ns of operation.

diation through it. Microwaves are a form of **non-ionizing electromagnetic radiation** with a frequency higher than ordinary **radio waves** but lower than **infrared light**. Microwave ovens use frequencies in one of the **ISM (industrial, scientific, medical)** bands, which are reserved for this use, so they do not interfere with other vital radio services. Consumer ovens usually use 2.45 **gigahertz (GHz)**—a **wavelength** of 12.2 centimetres (4.80 in)—while large industrial/commercial ovens often use 915 **megahertz (MHz)**—32.8 centimetres (12.9 in).^[19] Water, fat, and other substances in the food absorb energy from the microwaves in a process called **dielectric heating**. Many molecules (such as those of water) are electric dipoles, meaning that they have a partial positive charge at one end and a partial negative charge at the other, and therefore rotate as they try to align themselves with

the alternating electric field of the microwaves. Rotating molecules hit other molecules and put them into motion, thus dispersing energy. This energy, when dispersed as molecular vibration in solids and liquids (i.e. as both **potential energy** and **kinetic energy** of atoms), is **heat**. Sometimes, microwave heating is explained as a **resonance** of water molecules, but this is incorrect;^[20] such resonances occur only at above 1 **terahertz (THz)**.^[21] Rather it is the lag in response of the polar water molecule to the impending electromagnetic wave. This type of dielectric loss mechanism is referred to as dipole interaction.

Microwave heating is more efficient on liquid water than on frozen water, where the movement of molecules is more restricted. Dielectric heating of liquid water is also temperature-dependent: At 0 °C, **dielectric loss** is greatest at a field frequency of about 10 GHz, and for higher water temperatures at higher field frequencies.^[22]

Compared to liquid water, microwave heating is less efficient on fats and sugars (which have a smaller molecular **dipole moment**).^[23] Sugars and triglycerides (fats and oils) absorb microwaves due to the dipole moments of their **hydroxyl groups** or **ester groups**. However, due to the lower **specific heat capacity** of fats and oils and their higher vaporization temperature, they often attain much higher temperatures inside microwave ovens.^[22] This can induce temperatures in oil or very fatty foods like bacon far above the boiling point of water, and high enough to induce some browning reactions, much in the manner of conventional **broiling (UK: grilling)**, braising, or deep fat frying. Foods high in water content and with little oil rarely exceed the boiling temperature of water.

Microwave heating can cause localized **thermal runaways** in some materials with low thermal conductivity which also have dielectric constants that increase with temperature. An example is glass, which can exhibit thermal runaway in a microwave to the point of melting if preheated. Additionally, microwaves can melt certain types of rocks, producing small quantities of synthetic lava. Some ceramics can also be melted, and may even become clear upon cooling. Thermal runaway is more typical of electrically conductive liquids such as salty water.

A common misconception is that microwave ovens cook food “from the inside out”, meaning from the center of the entire mass of food outwards. This idea arises from heating behavior seen if an absorbent layer of water lies beneath a less absorbent drier layer at the surface of a food; in this case, the deposition of heat energy inside a food can exceed that on its surface. This can also occur if the inner layer has a lower heat capacity than the outer layer causing it to reach a higher temperature, or even if the inner layer is more thermally conductive than the outer layer making it feel hotter despite having a lower temperature. In most cases, however, with uniformly structured or reasonably homogenous food item, microwaves are absorbed in the outer layers of the item

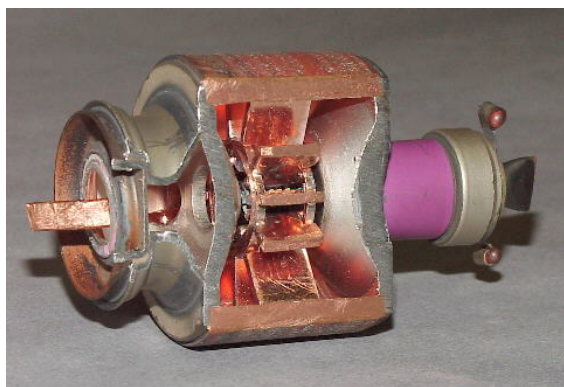
at a similar level to that of the inner layers. Depending on water content, the depth of initial heat deposition may be several centimetres or more with microwave ovens, in contrast to **broiling/grilling** (infrared) or convection heating—methods which deposit heat thinly at the food surface. Penetration depth of microwaves is dependent on **food composition** and the frequency, with lower microwave frequencies (longer wavelengths) penetrating further.

3 Heating efficiency

A microwave oven converts only part of its electrical input into microwave energy. An average consumer microwave oven consumes 1100 W of electricity in producing 700 W of microwave power, an efficiency of 64%. Such wasted heat, along with heat from the product being microwaved, is exhausted as warm air through cooling vents. The other 400 W are dissipated as heat, mostly in the magnetron tube. Additional power is used to operate the lamps, AC power transformer, magnetron cooling fan, food turntable motor and the control circuits, although the power consumed by the electronic control circuits of a modern microwave oven is negligible (< 1% of the input power) during cooking.

For cooking or reheating small amounts of food, the microwave oven may use less energy than a cook stove. Although microwave ovens are touted as the most efficient appliance,^[24] the energy savings are largely due to the reduced heat mass of the food's container.^[25] The amount of energy used to heat food is generally small compared to total energy usage in typical residences in the United States.^[26]

4 Design



A magnetron with section removed (magnet is not shown)

A microwave oven consists of:

- a high voltage power source, commonly a simple

transformer or an electronic **power converter**, which passes energy to the magnetron

- a high voltage **capacitor** connected to the magnetron, transformer and via a **diode** to the chassis
- a **cavity magnetron**, which converts high-voltage electric energy to microwave radiation
- a magnetron control circuit (usually with a **microcontroller**)
- a short **waveguide** (to couple microwave power from the magnetron into the cooking chamber)
- a metal cooking chamber
- a turntable or metal wave guide stirring fan.
- a digital / manual control panel

Modern microwave ovens use either an analog dial-type **timer** or a digital **control panel** for operation. Control panels feature an **LED**, liquid crystal or vacuum fluorescent display, numeric buttons for entering the cook time, a power level selection feature and other possible functions such as a defrost setting and pre-programmed settings for different food types, such as **meat**, **fish**, poultry, **vegetables**, **frozen vegetables**, **frozen dinners**, and **popcorn**. In most ovens, the magnetron is driven by a linear transformer which can only feasibly be switched completely on or off. As such, the choice of power level does not affect the intensity of the microwave radiation; instead, the magnetron is cycled on and off every few seconds, thus altering the large scale **duty cycle**. Newer models have inverter power supplies that use **pulse-width modulation** to provide effectively continuous heating at reduced power, so that foods are heated more evenly at a given power level and can be heated more quickly without being damaged by uneven heating.

The microwave frequencies used in microwave ovens are chosen based on regulatory and cost constraints. The first is that they should be in one of the **industrial, scientific, and medical (ISM)** frequency bands set aside for non-communication purposes. For household purposes, 2.45 GHz has the advantage over 915 MHz in that 915 MHz is only an ISM band in the **ITU Region 2** while 2.45 GHz is available worldwide. Three additional ISM bands exist in the microwave frequencies, but are not used for microwave cooking. Two of them are centered on 5.8 GHz and 24.125 GHz, but are not used for microwave cooking because of the very high cost of power generation at these frequencies. The third, centered on 433.92 MHz, is a narrow band that would require expensive equipment to generate sufficient power without creating interference outside the band, and is only available in some countries.

The cooking chamber is similar to a **Faraday cage** to prevent the waves from coming out of the oven. Even though there is no continuous metal-to-metal contact around the rim of the door, **choke connections** on the door edges act

like metal-to-metal contact, at the frequency of the microwaves, to prevent leakage. The oven door usually has a window for easy viewing, with a layer of conductive mesh some distance from the outer panel to maintain the shielding. Because the size of the perforations in the mesh is much less than the microwaves' wavelength (12.2 cm for the usual 2.45 GHz), most of the microwave radiation cannot pass through the door, while **visible light** (with its much shorter wavelength) can.

4.1 Variants and accessories



A microwave oven with convection feature

A quantitative, model-based understanding of heat exchange in infrared and combined infrared-microwave heating of food inside an oven is developed.^[27] A variant of the conventional microwave is the **convection microwave**. A convection microwave oven is a combination of a standard microwave and a **convection oven**. It allows food to be cooked quickly, yet come out browned or crisped, as from a convection oven. Convection microwaves are more expensive than conventional microwave ovens. Some convection microwaves—those with exposed heating elements—can produce smoke and burning odors as food spatter from earlier microwave-only use is burned off the heating elements.

In 2000,^[28] some manufacturers began offering high power **quartz halogen bulbs** to their convection microwave models, marketing them under names such as “Speedcook”, “Advantium”, “Lightwave” and “Optimawave” to emphasize their ability to cook food rapidly and with good browning. The bulbs heat the food's surface with **infrared (IR)** radiation, browning surfaces as in a conventional oven. The food browns while also being heated by the microwave radiation and heated through conduction through contact with heated air. The IR energy which is delivered to the outer surface of food by the lamps is sufficient to initiate browning **caramelization** in foods primarily made up of carbohydrates and **Maillard reactions** in foods primarily made up of protein. These reactions in food produce a texture and taste similar

to that typically expected of conventional oven cooking rather than the bland boiled and steamed taste that microwave-only cooking tends to create.

In order to aid **browning**, sometimes an accessory browning tray is used, usually composed of glass or **porcelain**. It makes food crisp by **oxidizing** the top layer until it turns **brown**. Ordinary **plastic cookware** is unsuitable for this purpose because it could melt.

Frozen dinners, pies, and **microwave popcorn** bags often contain a **susceptor** made from thin **aluminium film** in the packaging or included on a small paper tray. The metal film absorbs microwave energy efficiently and consequently becomes extremely hot and radiates in the infrared, concentrating the heating of oil for popcorn or even browning surfaces of frozen foods. Heating packages or trays containing susceptors are designed for single use and are discarded as waste.

5 Microwave-safe plastics

Some current plastic containers and food **wraps** are specifically designed to resist radiation from microwaves. Products may use the term “microwave safe”, may carry a microwave symbol (three lines of waves, one above the other) or simply provide instructions for proper microwave use. Any of these is an indication that a product is suitable for microwaving when used in accordance with the directions provided.^[29]

6 Benefits and safety features

All microwaves use a timer for the cooking time, at the end of cooking time, the oven switches itself off.

Microwave ovens heat food without getting hot themselves. Taking a pot off a stove, unless it is an **induction cooktop**, leaves a potentially dangerous heating element or **trivet** that will stay hot for some time. Likewise, when taking a **casserole** out of a conventional oven, one's arms are exposed to the very hot walls of the oven. A microwave oven does not pose this problem.

Food and cookware taken out of a microwave oven are rarely much hotter than 100 °C (212 °F). Cookware used in a microwave oven is often much cooler than the food because the cookware is transparent to microwaves; the microwaves heat the food directly and the cookware is indirectly heated by the food. Food and cookware from a conventional oven, on the other hand, are the same temperature as the rest of the oven; a typical cooking temperature is 180 °C (356 °F). That means that conventional stoves and ovens can cause more serious burns.

The lower temperature of cooking (the boiling point of water) is a significant safety benefit compared to baking in the oven or frying, because it eliminates the formation

of tars and **char**, which are **carcinogenic**.^[30] Microwave radiation also penetrates deeper than direct heat, so that the food is heated by its own internal water content. In contrast, direct heat can burn the surface while the inside is still cold. Pre-heating the food in a microwave oven before putting it into the grill or pan reduces the time needed to heat up the food and reduces the formation of carcinogenic **char**. Unlike frying and baking, microwaving does not produce **acrylamide** in **potatoes**,^[31] however unlike deep-frying, it is of only limited effectiveness in reducing glycoalkaloid (i.e. **solanine**) levels.^[32] Acrylamide has been found in other microwaved products like popcorn.

6.1 Heating characteristics

Microwave ovens are frequently used for reheating **leftover food**, and bacterial contamination may not be repressed if the **safe temperature** is not reached, resulting in **foodborne illness**, as with all inadequate reheating methods.

Uneven heating in microwaved food can be partly due to the uneven distribution of microwave energy inside the oven, and partly due to the different rates of energy absorption in different parts of the food. The first problem is reduced by a stirrer, a type of fan that **reflects** microwave energy to different parts of the oven as it rotates, or by a turntable or carousel that turns the food; turntables, however, may still leave spots, such as the center of the oven, which receive uneven energy distribution. The location of dead spots and hot spots in a microwave can be mapped out by placing a damp piece of **thermal paper** in the oven. When the water saturated paper is subjected to the microwave radiation it becomes hot enough to cause the dye to be released which will provide a visual representation of the microwaves. If multiple layers of paper are constructed in the oven with a sufficient distance between them a three-dimensional map can be created. Many store receipts are printed on thermal paper which allows this to be easily done at home.^[33]

The second problem is due to food composition and geometry, and must be addressed by the cook, by arranging the food so that it absorbs energy evenly, and periodically testing and **shielding** any parts of the food that overheat. In some materials with low **thermal conductivity**, where **dielectric constant** increases with temperature, microwave heating can cause localized **thermal runaway**. Under certain conditions, glass can exhibit thermal runaway in a microwave to the point of melting.^[34]

Due to this phenomenon, microwave ovens set at too-high power levels may even start to cook the edges of frozen food while the inside of the food remains frozen. Another case of uneven heating can be observed in baked goods containing berries. In these items, the berries absorb more energy than the drier surrounding bread and cannot dissipate the heat due to the low thermal conductivity of the bread. Often this results in overheating the

berries relative to the rest of the food. “Defrost” oven settings use low power levels designed to allow time for heat to be conducted within frozen foods from areas that absorb heat more readily to those which heat more slowly. In turntable-equipped ovens, more even heating will take place by placing food off-centre on the turntable tray instead of exactly in the centre.

Microwave heating can be deliberately uneven by design. Some microwavable packages (notably pies) may include materials that contain **ceramic** or aluminium flakes, which are designed to absorb microwaves and heat up, thereby converting microwaves to less penetrating infrared, which aids in baking or crust preparation by depositing more energy shallowly in these areas. Such ceramic patches affixed to cardboard are positioned next to the food, and are typically smokey blue or gray in colour, usually making them easily identifiable; the cardboard sleeves included with **Hot Pockets**, which have a silver surface on the inside, are a good example of such packaging. Microwavable cardboard packaging may also contain overhead ceramic patches which function in the same way. The technical term for such a microwave-absorbing patch is a **susceptor**.^[35]

7 Effects on food and nutrients



Raisins when overcooked in a microwave produce considerable smoke.

Comparative cooking method studies generally find that, if properly used, microwave cooking does not affect the nutrient content of foods to a larger extent than conventional heating, and that there is a tendency towards greater retention of many micronutrients with microwaving, probably due to the reduced preparation time.^[36]

Microwaving human milk at high temperatures is contraindicated, due to a marked decrease in activity of anti-infective factors.^[37]

Any form of cooking will destroy some nutrients in food, but the key variables are how much water is used in the cooking, how long the food is cooked, and at what temperature.^[38] Nutrients are primarily lost by leaching into cooking water, which tends to make microwave cooking healthier, given the shorter cooking times it requires.^[39] Like other heating methods, microwaving converts vitamin B₁₂ from an active to inactive form; the amount of inactivation depends on the temperature reached, as well as the cooking time. Boiled food reaches a maximum of 100 °C (212 °F) (the boiling point of water), whereas microwaved food can get locally hotter than this, leading to faster breakdown of vitamin B₁₂. The higher rate of loss is partially offset by the shorter cooking times required.^[40] A single study indicated that microwaving broccoli loses 74% or more of phenolic compounds (97% of flavonoids), while boiling loses 66% of flavonoids, and high-pressure boiling loses 47%,^[41] though the study has been contradicted by other studies.^[42] To minimize phenolic losses in potatoes, microwaving should be done at 500W.^[43]

Spinach retains nearly all its folate when cooked in a microwave; in comparison, it loses about 77% when boiled, leaching out nutrients. Bacon cooked by microwave has significantly lower levels of carcinogenic nitrosamines than conventionally cooked bacon.^[38] Steamed vegetables tend to maintain more nutrients when microwaved than when cooked on a stovetop.^[38] Microwave blanching is 3-4 times more effective than boiled water blanching in the retaining of the water-soluble vitamins folic acid, thiamin and riboflavin, with the exception of ascorbic acid, of which 28.8% is lost (vs. 16% with boiled water blanching).^[44]

8 Use in cleaning kitchen sponges

Studies have investigated the use of the microwave to clean non-metallic domestic sponges which have been thoroughly wetted. A 2006 study found that microwaving wet sponges for two minutes (at 1000 watt power) removed 99% of coliforms, *E. coli* and MS2 phages. *Bacillus cereus* spores were killed at 4 minutes of microwaving.^[46]

9 Hazards

9.1 High temperatures

Homogeneous liquids can superheat^{[47][48]} when heated in a microwave oven in a container with a smooth surface. That is, the liquid reaches a temperature slightly above its

normal boiling point without bubbles of vapour forming inside the liquid. The boiling process can start explosively when the liquid is disturbed, such as when the user takes hold of the container to remove it from the oven or while adding solid ingredients such as powdered creamer or sugar. This can result in spontaneous boiling (nucleation) which may be violent enough to eject the boiling liquid from the container and cause severe scalding.^[49]

Closed containers, such as eggs, can explode when heated in a microwave oven due to the increased pressure from steam. Insulating plastic foams of all types generally contain closed air pockets, and are generally not recommended for use in a microwave, as the air pockets explode and the foam (which can be toxic if consumed) may melt. Not all plastics are microwave-safe, and some plastics absorb microwaves to the point that they may become dangerously hot.

Products that are heated for too long can catch fire. Though this is inherent to any form of cooking, the rapid cooking and unattended nature of the use of microwave ovens results in additional hazard.

9.2 Metal objects

Any metal or conductive object placed into the microwave will act as an antenna to some degree, resulting in an electric current. This causes the object to act as a heating element. This effect varies with the object's shape and composition, and is sometimes utilized for cooking.

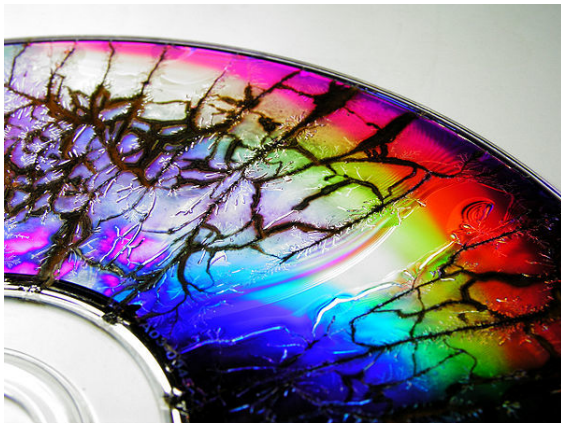
Any object containing pointed metal can create an electric arc (sparks) when microwaved. This includes cutlery, crumpled aluminium foil (though some foil used in microwaves are safe, see below), twist-ties containing metal wire, the metal wire carry-handles in paper Chinese take-out food containers, or almost any metal formed into a poorly conductive foil or thin wire; or into a pointed shape.^[50] Forks are a good example: the tines of the fork respond to the electric field by producing high concentrations of electric charge at the tips. This has the effect of exceeding the dielectric breakdown of air, about 3 megavolts per meter (3×10^6 V/m). The air forms a conductive plasma, which is visible as a spark. The plasma and the tines may then form a conductive loop, which may be a more effective antenna, resulting in a longer lived spark. When dielectric breakdown occurs in air, some ozone and nitrogen oxides are formed, both of which are unhealthy in large quantities.

It is possible for metal objects to be microwave-oven compatible, although experimentation by users is not encouraged. Microwaving an individual smooth metal object without pointed ends, for example, a spoon or shallow metal pan, usually does not produce sparking. Thick metal wire racks can be part of the interior design in microwave ovens (see illustration). In a similar way, the interior wall plates with perforating holes which allow light and air into the oven, and allow interior-viewing through



A microwave oven with a metal shelf

the oven door, are all made of conductive metal formed in a safe shape.



A microwaved DVD-R disc showing the effects of electrical discharge through its metal film

The effect of microwaving thin metal films can be seen clearly on a Compact Disc or DVD (particularly the factory pressed type). The microwaves induce electric currents in the metal film, which heats up, melting the plastic in the disc and leaving a visible pattern of concentric and radial scars. Similarly, porcelain with thin metal films can also be destroyed or damaged by microwaving. Aluminium foil is thick enough to be used in microwave ovens as a shield against heating parts of food items, if the foil is not badly warped. When wrinkled, aluminium foil is generally unsafe in microwaves, as manipulation of the foil causes sharp bends and gaps that invite sparking. The USDA recommends that aluminium foil used as a partial food shield in microwave cooking cover no more than one quarter of a food object, and be carefully smoothed to eliminate sparking hazards.^[51]

Another hazard is the resonance of the magnetron tube itself. If the microwave is run without an object to absorb the radiation, a standing wave will form. The energy is reflected back and forth between the tube and the cooking chamber. This may cause the tube to overload and burn out. For the same reason, dehydrated food, or food wrapped in metal which does not arc, is problematic for

overload reasons, without necessarily being a fire hazard.

Certain foods such as grapes, if properly arranged, can produce an electric arc.^[52] Prolonged arcing from food carries similar risks to arcing from other sources as noted above.

Some other objects that may conduct sparks are plastic/holographic print thermoses (such as Starbucks' novelty cups) or cups with metal lining. If any bit of the metal is exposed, all the outer shell will burst off the object or melt.

The high electrical fields generated inside a microwave often can be illustrated by placing a radiometer or neon glow-bulb inside the cooking chamber, creating glowing plasma inside the low-pressure bulb of the device.

9.3 Direct microwave exposure

Further information: Microwave burn and Microwave § Effects on health

Direct microwave exposure is not generally possible, as microwaves emitted by the source in a microwave oven are confined in the oven by the material out of which the oven is constructed. Furthermore, ovens are equipped with redundant safety interlocks, which remove power from the magnetron if the door is opened. This safety mechanism is required by United States federal regulations.^[53] Tests have shown confinement of the microwaves in commercially available ovens to be so nearly universal as to make routine testing unnecessary.^[54] According to the United States Food and Drug Administration's Center for Devices and Radiological Health, a U.S. Federal Standard limits the amount of microwaves that can leak from an oven throughout its lifetime to 5 milliwatts of microwave radiation per square centimeter at approximately 5 cm (2 in) from the surface of the oven.^[55] This is far below the exposure level currently considered to be harmful to human health.^[56]

The radiation produced by a microwave oven is non-ionizing. It therefore does not have the cancer risks associated with ionizing radiation such as X-rays and high-energy particles. Long-term rodent studies to assess cancer risk have so far failed to identify any carcinogenicity from 2.45 GHz microwave radiation even with chronic exposure levels (i.e. large fraction of life span) far larger than humans are likely to encounter from any leaking ovens.^{[57][58]} However, with the oven door open, the radiation may cause damage by heating. Every microwave oven sold has a protective interlock so that it cannot be run when the door is open or improperly latched.

Microwaves generated in microwave ovens cease to exist once the electrical power is turned off. They do not remain in the food when the power is turned off, any more than light from an electric lamp remains in the walls and furnishings of a room when the lamp is turned off. They

do not make the food or the oven radioactive. There is some evidence that nutritional content of some foods may be altered differently by cooking in a microwave oven, compared to conventional cooking, but there is no indication of detrimental health issues associated with microwaved food.^[59]

There are, however, a few cases where people have been exposed to direct microwave radiation, either from appliance malfunction or deliberate action.^{[60][61]} The general effect of this exposure will be physical burns to the body, as human tissue, particularly the outer fat and muscle layers, has similar composition to some foods that are typically cooked in microwave ovens and so experiences similar dielectric heating effects when exposed to microwave electromagnetic radiation.

9.4 Chemical exposure

Some magnetrons have ceramic insulators with beryllium oxide (beryllia) added. The beryllium in such oxides is a serious chemical hazard if crushed and ingested (for example, by inhaling dust). In addition, beryllia is listed as a confirmed human carcinogen by the IARC; therefore, broken ceramic insulators or magnetrons should not be handled. This is obviously a danger only if the microwave oven becomes physically damaged, such as if the insulator cracks, or when the magnetron is opened and handled directly, and as such should not be a concern during normal usage.

10 See also

- Induction cooker
- List of cooking appliances
- List of home appliances
- Microwave chemistry
- Robert V. Decareau
- Thelma Pressman

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12 External links

- Ask a Scientist Chemistry Archives, Argonne National Laboratory
- How a microwave oven works Description with circuit diagrams
- How microwaves and microwave ovens work Java animation suitable for young people
- Further Reading On The History Of Microwaves and Microwave Ovens
- Microwave oven history from American Heritage magazine
- Superheating and microwave ovens
- Superheating and Microwave Ovens, University of New South Wales (includes video)
- MicrowaveCam.com Videos of the inside of the microwave oven compartment
- “The Microwave Oven” Short explanation of microwave oven in terms of microwave cavities and waveguides, intended for use in a class in Electrical Engineering
- U.S. Patent 2,147,689 - *Method and apparatus for heating dielectric materials*

Microwave oven Source: https://en.wikipedia.org/wiki/Microwave_oven?oldid=731739496 Contributors: AxelBoldt, Jimbo Wales, Bryan Derksen, The Anome, Tarquin, Taw, Malcolm Farmer, Rjstott, Fredbauder, DavidLevinson, Maury Markowitz, Heron, Jaknouse, B4hand, Hephaestos, Tedernt, DennisDaniels, Frecklefoot, Greeblie, Patrick, Dominus, Liftarn, Ixfid64, Arpingstone, Kosebame, Ellywa, Ahoerstemeier, Stevenj, TaranRampersad, Slovakia, Poor Yorick, Nikai, Globalbe, Ideyal, Mulad, Saint-Paddy, Charles Matthews, RickK, Ww, Choster, David Thrale, Dysprosia, Maximus Rex, Tempshill, Omegatron, Bloodshedder, Pakaran, Flockneal, Slawojarek, Robbot, Hankwang, Pigsonthewing, Moriori, R3m0t, Ppe42, Stewartadcock, Kwi, Blainster, Bkell, Seano1, Mandel, Alan Liefiting, Buster2058, Giftlite, DocWatson42, DavidCary, Elf, Mat-C, Wolfkeeper, RealGrouchy, Mark Richards, Karn, Everyking, Leonard G., Gareth Wyn, Dmmaus, Rchandra, Brockert, Adam McMaster, Bobblewik, Edcolins, Pamri, Slowing Man, Yath, Sonjaaa, 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sZippy, Fox Wilson, Redjie, NicoStone, Weinerz4myweinerz, MuseumGrack, Crammas, SOME RANDOMER, Droptatdeuce, Droptatdeuceonmyface, Iloveblumpkins, Blumpkin4myweiner, Diannaa, Archie Mayo, Fastilysock, Jrdoane, Suffusion of Yellow, Minimac, Alcapwned86, DARTH SIDIOUS 2, Mean as custard, RjwilmsiBot, Uanfala, Vcat98, BuddyHoliday, NerdyScienceDude, Skamecrazy123, J36miles, EmausBot, Orphan Wiki, MrFawwaz, Ibbn, Tommy2010, Wikipelli, Dcirovic, K6ka, Djembayz, Savh, Piggie boy, Ponydepression, ZéroBot, D'oh!, Bananaboy113, User704, Bamyers99, Ealdridge525, Wayne Slam, Erianna, LordJeff, TyA, Stratos42, L Kensington, Noodleki, Donner60, Pianistdave, Scientific29, Etmoonshade, ChuispastonBot, Lizaweb, Papg2010, Teapeat, DASHBotAV, LZ6387, Klodo7221, Xanchester, Gwen-chan, Rememberway, ClueBot NG, Zfozz, Gareth Griffith-Jones, Candy853, Jonsi221457, Gyrfacon23, Kenorb, Wikiguylolcat, Pharmkat1, Tashaa223, Brockm vendors, TruPepitoM, Zak.estrada, Alexhangartner, Widr, Tomato queen, Reifytech, Kelvinsteele, Lorinw, Ldha11, Helpful Pixie Bot, 2001:db8, DBigXray, Lowercase sigmabot, Trek001, BG19bot, Island Monkey, M0rphzone, Northamerica1000, AvocatoBot, Mark Arsten, Officeatnight, Exercisephys, CimonyD, HalliKiddi, CitationCleanerBot, Marjoleink1, Rockme72000, Comfr, BattyBot, PatheticCopyEditor, David.moreno72, Heart013, Crouchs, Pratyaa Ghosh, Cyberbot II, ChrisGualtieri, JYBot, BuzyBody, Wahj-asSaif, Gtaisanawesomgame, Vwolvekar, Prashantjain541009, Andyroo225, Agentkronus, TwoT-woHello, Lugia2453, Jamesx12345, Davidcroquet, Vegemeister, Sophiepalmerxo, Reatlas, Vintovka Dragunova, Boomshiva, 1996AAA, Haminoon, Buffbills7701, Manul, Kind Tennis Fan, Tripleahg, Anrnusna, CatcherStorm, Monkbob, XPumpkinPi, Jakecooper6969, Rick-yyozay1212, Trotting cove, DLindsley, Malibu91296, MSipes76, RoundupResistance, KH-1, Queenbwst, Crystallizedcarbon, Cpt Wise, Epigogue, Pancho507, KasparBot, Arizdaud, Microwaves are fun, Pamperchu, Chrispaul1, Onomatopoeia microwave, UpsandDowns1234, Kate98aa, CanisStultus, Avisinthetoolbarn, Allthefoxes, Trashlmao, Dailykid, Spicyenchilladas, Luisreyes123321, Stillloading61, AltheWhite, Obama9000, Factcrap and Anonymous: 1222

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Microwave auditory effect

The **microwave auditory effect**, also known as the **microwave hearing effect** or the **Frey effect**, consists of audible clicks (or, with speech modulation, spoken words) induced by pulsed/modulated **microwave** frequencies. The clicks are generated directly inside the human head without the need of any receiving electronic device. The effect was first reported by persons working in the vicinity of **radar** transponders during **World War II**. During the **Cold War** era, the **American** neuroscientist Allan H. Frey studied this phenomenon and was the first to publish^[1] information on the nature of the microwave auditory effect.

Pulsed microwave radiation can be heard by some workers; the irradiated personnel perceive auditory sensations of clicking or buzzing. The cause is thought to be thermoelastic expansion of portions of the auditory apparatus.^[2] Competing theories explain the results of interferometric holography tests differently.^[3]

In 2003–04, the WaveBand Corp. had a contract from the U.S. Navy for the design of a MAE system they called **MEDUSA** (Mob Excess Deterrent Using Silent Audio) intended to remotely, temporarily incapacitate personnel. The project was cancelled in 2005.^{[4][5][6]}

1 Primary Cold War-era research in the U.S.

The first American to publish on the microwave hearing effect was **Allan H. Frey**, in 1961. In his experiments, the subjects were discovered to be able to hear appropriately pulsed microwave radiation, from a distance of 100 meters from the transmitter. This was accompanied by **side effects** such as **dizziness**, **headaches**, and a **pins and needles** sensation.

A decade later, an overview, in the *American Psychologist*, of radiation impacts on human perceptions, cites investigations at the **Walter Reed Army Institute of Research** that demonstrated 'receiverless' wireless voice transmission: "Appropriate modulation of microwave energy can result in direct 'wireless' and 'receiverless' communication of speech."^[7]

2 Peaceful applications

A 1998 patent describes a device that can scare off birds from wind turbines, aircraft, and other sensitive installations by way of microwave energy pulses. Using frequencies from 1 GHz to about 40 GHz, the warning system generates pulses of milliseconds duration, which are claimed to be sensed by the birds' auditory systems. It is believed this may cause them to veer away from the protected object.^[8]

As stated by the above-mentioned journal entry to the *American Psychologist*, "the averaged densities of energy required to transmit longer messages would approach the current 10mW/cm² limit of safe exposure", which makes the technology improper for human telecommunication. For this very same 'receiverless' wireless sound transmission to human beings, **sound from ultrasound** is used instead.

3 Conspiracy theories

Numerous individuals that might be suffering from **auditory hallucinations**, **delusional disorders**^[9] or other **mental illness** have alleged that government agents use forms of **mind control** technologies based on microwave signals to transmit sounds and thoughts into their heads as a form of **electronic harassment**, referring to the technology as "voice to skull" or "V2K".^[10]

There are extensive online support networks and numerous websites^[9] maintained by people fearing mind control. California psychiatrist Alan Drucker has identified evidence of **delusional disorders** on many of these websites and other psychologists are divided over whether such sites reinforce mental troubles or act as a form of group social support.^[11]

Psychologists have identified many examples of people reporting 'mind control experiences' (MCEs) on self-published web pages that are "highly likely to be influenced by delusional beliefs". Common themes include "Bad Guys" using "psychotronics" and "microwaves", frequent mention of the CIA's **MKULTRA** project and frequent citing of a scientific paper entitled "Human auditory system response to modulated electromagnetic energy".^[12]

4 See also

- Photoacoustic effect
- Brain-computer interface
- Electoreception
- Electroponic hearing
- Psychological manipulation
- Specific absorption rate – government standards for measurement of human radio frequency exposures
- Cosmic ray visual phenomena

5 Notes

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8.1 Text

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Hearing “Voices”

The Hidden History of the

CIA’s Electromagnetic

Mind-Control Experiments

Global Alert by Alex Constantine

1995

[Note:1]

Controlling human behavior by remote radio
transmission isn’t science fiction—it’s a fact.

After years of secret experiments,
the U.S. government has achieved its goal:
Breaking and entering American minds at will.

Hearing “Voices”

At Bien Hoa Hospital, SEI teams had implanted electrodes in the skulls of Vietcong prisoners of war in experimental attempts to direct the behavior of brain-wired subjects by remote control.

“Man Hallucinates, Says Microwaves Are Murdering Him,” reported the March 21, 1979, edition of the Los Angeles Herald Examiner. The subject of the article, electronics engineer Leonard Kille, claimed his brain had been destroyed in mind-control experiments by CIA-sponsored psychiatrists Vernon Mark of Boston City Hospital and UCLA’s Frank Ervin.

Kille was a co-inventor of the Land camera, named for Edwin Land of the Polaroid Corporation. A veteran researcher in government-sponsored mind-control programs, Land had founded the Scientific Engineering Institute (SEI) on behalf of the CIA. In July 1968 at South Vietnam’s Bien Hoa Hospital, SEI teams had implanted electrodes in the skulls of Vietcong prisoners of war in experimental attempts to

direct the behavior of brain-wired subjects by remote control. Upon completion of the experiments, the POWs were shot and cremated by a company of Green Berets.

In 1966 Kille suspected that his wife was having an affair. She denied it; he flew into rages. A psychiatrist interpreted Kille's anger as a "personality pattern disturbance" and referred him to Mark and Ervin for neurological tests. Although Mark and Ervin described Kille's behavior as "dangerous," Kille's most violent outburst consisted of throwing tin cans at his wife (he missed). Hospitalized by order of the psychiatrists, Kille was involuntarily subjected to experimental brain surgery.

During the touch-and-go operation, electrical strands were implanted in Kille's brain. Each strand was studded with approximately 20 electrodes. Only after installation of the apparatus was Kille enlisted to sign his official consent to the procedure; the electrodes were already in place, zapping his brain.

Following the nightmarish operation, Dr. Peter Breggin of the Center to Study Psychiatry, an ombudsman of psychiatric abuses, investigated Kille's case and found—despite Mark's and Ervin's reports of therapeutic success—that the post-op patient was "totally disabled and subject to nightmarish terrors that he will be caught and operated on again at the Massachusetts General Hospital."

In 1971, a hospital attendant discovered Kille holding a metal wastebasket over his head to "stop the microwaves." A sympathetic doctor at Boston's VA hospital, where Kille was transferred, ordered for him "a large sheet of aluminum foil so he may fashion a protective helmet for himself." Uninformed that Kille had been fitted with electrodes, the VA doctors diagnosed him as a delusional paranoid.

According to Kille, Mark and Ervin controlled his moods by remote electronic stimulation. "They turn me up or turn me down," Kille insisted.

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In the 1920s, the development of the electroencephalograph (EEG)—an apparatus for detecting and recording brain waves—offered brain physiologists the key to unlock the mysteries of the body's pivotal organ of thought, intellect and personality. While giving hope for a specific means of mapping mental-health ailments, the newfound electrical pattern to brain function also opened a monstrous Pandora's box: possible radio control of the mind. In 1934 Doctors E. L. Chaffee and R. U. Light published "A Method for Remote Control of Electrical Stimulation of the Nervous System," an introductory monograph on electromagnetic mind-control methodology. In 1964,[Note:2] electromagnetic-response (EMR) researcher Dr. José Delgado of Cordoba, Spain, climbed into a bullring and, with the push of a button, triggered an electrode implanted in the brain tissue of a charging bull, halting the beast in its tracks.

Also in 1934, Russian physiologist L. L. Vasiliev published "Critical Evaluation of the Hypnogenic Method," an article detailing the experiments of Dr. I. F. Tomashevsky in remote-radio control of the human brain "at a distance of one or more rooms and under conditions where the participant would not know or suspect that she would be experimented upon." Reported Vasiliev, "One such experiment was

carried out in a park with the subject at a distance. A post-hypnotic mental suggestion to go to sleep was complied with within a minute.”

The CIA created an EMR laboratory at Allan Memorial, a Montreal, Canada, research facility created in 1943. The heart of Allan Memorial’s Radio Telemetry Laboratory (a telemeter is an electrical apparatus for measuring a quantity, transmitting the result by radio to a distant station, and there indicating or recording it) was called the Grid Room. In the Grid Room, an involuntary subject would be strapped into a chair, by force if necessary. Violent resistance was quelled with curare, the powerful plant extract used in arrow poisons by South American Indians and in medicine to produce muscular paralysis. From a head bristling with electrodes and transducers, the subdued subject’s brain waves would be beamed to a nearby reception room crammed with voice analyzers and radio receivers cobbled together by laboratory assistant Leonard Rubenstein. Rubenstein, a man who lacked professional medical credentials, believed passionately in the political uses of mind control. Experiments at Allan Memorial’s telemetry lab, he declared, would one day help governments “keep tabs on people without their knowing.”

Hearing “Voices”

“De-patterning” was accomplished with heavy doses of LSD, barbiturate-induced comas, and electroconvulsive therapy administered at 75 times the normal dose for psychiatric therapy.

“De-patterning”—the systematic annihilation of a subject’s mind and memory—was accomplished at Allan Memorial with heavy doses of LSD, barbiturate-induced comas lasting up to 65 days and electroconvulsive therapy administered at 75 times the customary dose for psychiatric therapy. Following depatterning, “psychic driving”—the repetition of a recorded message for 16 hours a day—programmed the freshly emptied mind.

In 1965 the New York Times reported obscure EMR experiments secretly funded by the government under the front-page headline: “Mind Control Coming, Scientist Warns.” Quoted in the article, University of California psychology professor Dr. David Krech cautioned, “EMR research may carry with it even more serious implications than the achievements of the atomic physicists.”

Earlier, a 1963 CIA-issued manual prepared on the study of Radio-Hypnotic Intra-Cerebral Control (RHIC) explained: “When a part of your brain receives a tiny electrical impulse from outside sources, such as vision, hearing, etc., an emotion is produced—anger at the sight of a gang of boys beating an old woman, for example. The same emotions of anger can be created by artificial radio signals sent to your brain by a controller. You could instantly feel the same white hot anger without any apparent reason.”

Richard Helms, Plans Director for the CIA, oversaw military-oriented EMR research pursuing the possible transmission of strategic subliminal messages into the aggregate minds of enemy populations. In a 1964 memo to the Warren Commission regarding the possibility that Lee Harvey Oswald had been a mind-controlled assassin, Helms outlined the existence of “biological radio communication.”

“Cybernetics [the science of communication and control theory that is concerned with the study of automatic control systems, such as the brain and mechanical-electrical communications],” Helms

admitted, “can be used in molding of a child’s character, the inculcation of knowledge and techniques, the amassing of experience, the establishment of social behavior patterns ... all functions which can be summarized as control of the growth processes of the individual.”

A subsequent CIA directive, summarized in a brochure on “cybernetic technique” distributed by Mankind Research Unlimited, an EMR study facility in Washington, D.C., detailed the CIA’s development of a “means by which information of modest rate can be fed to humans utilizing other senses than sight or hearing.” According to the brochure, the CIA’s cybernetic technique, “based on Eastern European research,” involved beaming information via radio frequencies to individual human nerve cells. The purpose, the directive stated, was “the enhancement of a subject’s mental and physical performance.”

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In 1965, the Department of Defense (DOD) discovered that the American embassy in Moscow was being purposely irradiated by the Russians with massive levels of microwaves. By that time, the DOD’s secretive Advance Research Projects Agency (ARPA) at the Walter Reed Army Institute of Research in the nation’s capital had itself developed a prodigious arsenal of electromagnetic weapons. Doctor José Delgado—whose current work with radio waves was underwritten by the CIA and Navy—believed scientists could transform, shape, direct and robotize humankind. “The great danger of the future,” Delgado warned, “is that we will have robotized human beings who are not aware that they have been robotized.”

Baffled by the cause and intent of the microwave saturation at the embassy in Moscow, officials of the American intelligence community consulted experts on the biological effects of the radiation. Recalls Dr. Milton Zaret, a leading microwave scientist later recruited by “Pandora,” a code-named CIA project for the study of radio-frequency-directed brain response, “The CIA inquired whether I thought electromagnetic radiation beamed at the brain from a distance could affect the way a person might act, and if microwaves could be used to facilitate brainwashing or to break down prisoners under investigation.” The State Department elected to keep the so-called Moscow Signal a secret from American Embassy employees—and studied the side-effects of the radiation instead. Ambassador Walter J. Stoessel Jr., a long-time American diplomat in the Soviet Union, whose office was situated in the magnetic beam’s center, succumbed by stages to blood disease, bleeding eyes, nausea and lymphoma. State Department employees Charles Bohlen and Llewellyn Thompson fell prey to cancer. The existence of the Soviet beam was finally acknowledged by the U.S. in 1976, in response to a report by syndicated columnist Jack Anderson. Officially, the State Department concluded that the microwave saturation of the embassy served not to brainwash, but to activate bugging devices in the walls. However, Dr. Zaret, after conducting his own tests, deduced that the Moscow Signal was psychoactive. “Whatever other reasons the Russians may have had [for irradiating the American embassy],” posits Zaret, “they believed the beam would modify the behavior of personnel.”

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Back in 1956, geophysicists R. E. Holzer and O. E. Deal, detected naturally occurring electromagnetic signals in the auditory range that were produced by thunderstorms. With little variation, most of the electromagnetic bursts were metered at 25 to 130 cycles per second, with a very low attenuation rate. In other words, lightning discharges could be picked up anywhere in the world as “magnetic noise” on the extremely low frequency (ELF) radio dial.

Hearing “Voices”

RF-mind-control testing became a military priority—a simple, pulsed microwave beam outperformed drugs, ECT, torture and brain surgery as a means of behavior modification.

Two years later, Dr. Allan Frey, a bio-physics researcher conducting studies at General Electric’s Advanced Electronics Center at Cornell University (and a contractor for the U.S. Office of Naval Research), published a “technical note” in *Aerospace Medicine* reporting that the human auditory system responds “to electromagnetic energy in at least a portion of the radio frequency (RF) spectrum. Further, this response is instantaneous and occurs at low-power densities ... well below that necessary for biological damage.” Frey’s subjects “heard” buzzes and knocks when exposed to low-frequency radio emissions. In one experiment, Frey swept a radio beam over a subject. With each sweep, the subject heard the radio frequency sound for a few seconds and reported it. When Frey modulated power densities, he discovered that even clinically deaf subjects perceived RF sounds. Experiments with transmitter settings proved that radio beams could induce the perception of severe buffeting of the head or prick the skin like needles.

Frey concluded that the brain is a powerful receiver of electromagnetic rays, and the “vocabulary” of RF noises could be expanded by modulating the pulse of the charge, which would be perceived by the subject as originating from within or slightly behind the head.

Among practical applications of auditory stimulation, Frey proposed “stimulating the nervous system without the damage caused by electrodes.” Attracting the attention of CIA and DOD officials, Frey’s work with microwaves had obvious uses in covert military operations. In one experiment, for instance, he synchronized pulsed microwaves with the myocardial rhythm of a frog, whereupon its heart stopped. Stimulating the hypothalamus of cats and dogs with microwaves powerfully effected emotions.

Frey was reluctant to experiment on humans for ethical reasons. But Pandora operatives did not balk at irradiating human subjects. Under CIA auspices, Dr. Dietrich Beischer exposed approximately 7,000 naval crewmen to dangerous levels of microwaves at the Naval Aerospace Research Laboratory in Pensacola, Florida. Data on exposure limits, Beischer justified, could be obtained in no other way, given the “exquisitely complex and dynamic nature of the human organism.”

An “official” halt to Pandora was called in 1970, but classified, RF-mind-control testing had become a military priority. A simple, pulsed microwave beam outperformed drugs, ECT, torture and brain surgery as a means of behavior modification. By the late 1960s, CIA scientists had achieved direct communication between brain and computer, and had demonstrated in the laboratory that computer-

assisted automatic learning was possible by pinpointing neuron clusters in the brain with radio signals. Microwaves easily penetrated the brain's protective shields of bone, ligament and membrane. Brain waves could be unscrambled and deciphered, recorded and beamed to another person—creating artificial two-way mental communication.

“Voices”

At Walter Reed Army Hospital of Research in 1973, Dr. Joseph Sharp, strapped inside an isolation chamber, heard “words” beamed at him in a pulsed-microwave audiogram. (An audiogram is a computerized analog of the spoken voice.) ARPA's Robert O. Becker foresaw in the experiment “obvious applications in covert operations.” Becker imagined a barrage of “voices” driving an enemy insane, and post-hypnotic suggestion radioed to a programmed assassin, directing him to kill.

According to Naval Captain Paul Tyler in a 1976 essay, “The Electromagnetic Spectrum in Low-Intensity Conflict,” a “speed-of-light weapons effect” could be achieved with “the passage of approximately 100 milliamperes [of directed frequency] through the myocardium, [leading] to cardiac standstill and death.” In other words, electromagnetic devices with stun or kill settings could theoretically wipe out entire armies—and cities. The patent for just such a “death-ray” device, according to officials of the McFarlane Corporation, an independent research and development firm, was pirated from them in 1965 by NASA. The theft was reported in hearings before the House subcommittee on DOD appropriations, chaired by Representative George Mahon (D-Texas). According to McFarlane company literature, the invention—termed a Modulated Electron-Gun X-Ray Nuclear Booster—could be adapted to “communications, remote control and guidance systems, electromagnetic radiation telemetering and death-ray applications.”

Was the technology tested at home on private citizens? In March 1978, the city of Eugene, Oregon, found itself inundated with microwave radiation. The Oregon Journal reported: “Mysterious Radio Signals Causing Concern in Oregon.” Federal government specialists blamed the Soviets, but the Federal Communications Commission concluded that the signal—recorded throughout the state of Oregon—came from a Navy transmitter in California.

Oregonians statewide complained of headaches, fatigue, inability to sleep, reddening of the skin, anxiety, “clicks” in the head and a “buzz” harmonizing with a high-pitched wail. Canadian researcher Andrew Michrowski wrote to Prime Minister Pierre Trudeau on September 19, 1978, citing a Pacific Northwest Center for Non-Ionizing Radiation study that found the signals “psychoactive” and “very strongly suggestive of achieving the objective of brain control.”

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Clearly, breaching the ultimate stronghold of privacy—the mind—has been accomplished. If the U.S. government plans to do the thinking for all Americans, the days of freedom, liberty and justice—and human identity itself—appear to be numbered.

[Note:1] "Hearing 'Voices'," Alex Constantine, Hustler, January 1995. For references see *Psychic Dictatorship in the U.S.A.*, Alex Constantine, Portland, OR: Feral House, 1995.

[Note:2] Erratum corrected.

Good
Morning

Eugene Register-Guard

Cloudy

Weather details, Page 2A

111TH YEAR, NUMBER 154

8 SECTIONS

EUGENE, OREGON, SUNDAY, MARCH 26, 1978

110 PAGES

35 CENTS

Mystery signal discovered in Eugene area

Strong radio 'pulse' of unknown origin may cause health problems

By MIKE THOELE

Copyright 1978
Eugene Register-Guard

A powerful radio signal that may be affecting human health has been monitored in several Eugene locations and in the air 3,000 feet above the city.

The source of the radio signal is unknown.

Public agencies, dogged for the past two months by Marshall Van Ert, a University of Oregon staff member whose own health was moderately affected after he began his research last October, have quietly begun their own study to verify the existence of the radio signal and the health problems that Van Ert uncovered. A State Health Division physicist who completed a night of radio monitoring Friday confirmed the existence of the signal.

Van Ert and the experts he has drawn into the Eugene investigation are aware that the problem has an aura of science fiction. Dr. David White, Lane County health officer, is concerned, on the one hand, that he may get a stampede of imaginative patients who are convinced they're afflicted with radio wave symptoms and, on the other, that a potentially serious health problem may be laughed off as "flying saucerism."

However, health officials cautioned that evidence to date indicates no cause for public alarm.

The problem of errant radio waves,

"electronic smog," is a national issue of ever-widening ripples. The controversy it has generated has spilled over in scientific symposiums and in congressional hearings. But the radio frequency discovered by Van Ert and those assisting him apparently is the first evidence of the problem in Eugene or in Oregon.

"We're trying to determine if there's any direct correlation between the radio frequency and the biological effects," said Kay Prince, a health physicist from the State Health Division's radiation control section. Prince conducted the state tests which confirmed the presence of the radio signals.

"We know both things exist," she said. "Now we've got to find out if they're tied together, if one is causing the other."

Prince said the data that the health division is attempting to assemble will serve as "probable cause" evidence to bring radio frequency specialists from the federal Environmental Protection Agency into the investigation. The state already has formally requested the assistance of the EPA, she said, but it may be two months before the EPA assigns a technician to Eugene.

The health division entered the investigation on the request of Dr. David White, Lane County health officer — the first public official approached by Van Ert.

White, like other doctors, scientists

and engineers whose aid was sought by Van Ert over the past several months, said that dealing with the problem from a public health standpoint is difficult.

Research literature supports the position that, under certain conditions, a radio signal with the characteristics monitored here can produce certain symptoms. Some researchers have blamed such signals for disorders ranging from cancer and cataracts to headaches and insomnia.

The fact that the signal has been discovered and that a small number of persons have complained of symptoms mean that the problem should not be ignored, White said. But he also cautioned that the symptoms are general and that so far there are no conclusions that indicate a cause for alarm.

Van Ert has complained that official response to the problem has been sluggish. But White said the lack of precedents for dealing with public health problems possibly caused by radio waves has made it difficult for agencies to respond.

"This is the kind of problem that ought to fall in somebody's bailiwick," he said. "It's not the kind of problem agencies are used to dealing with. But it's something that needs to be dealt with. It's just that everybody — including me — has been saying 'not me.'"

The difficulty in dealing with an unconventional health problem that may be related to radio signals was noted by

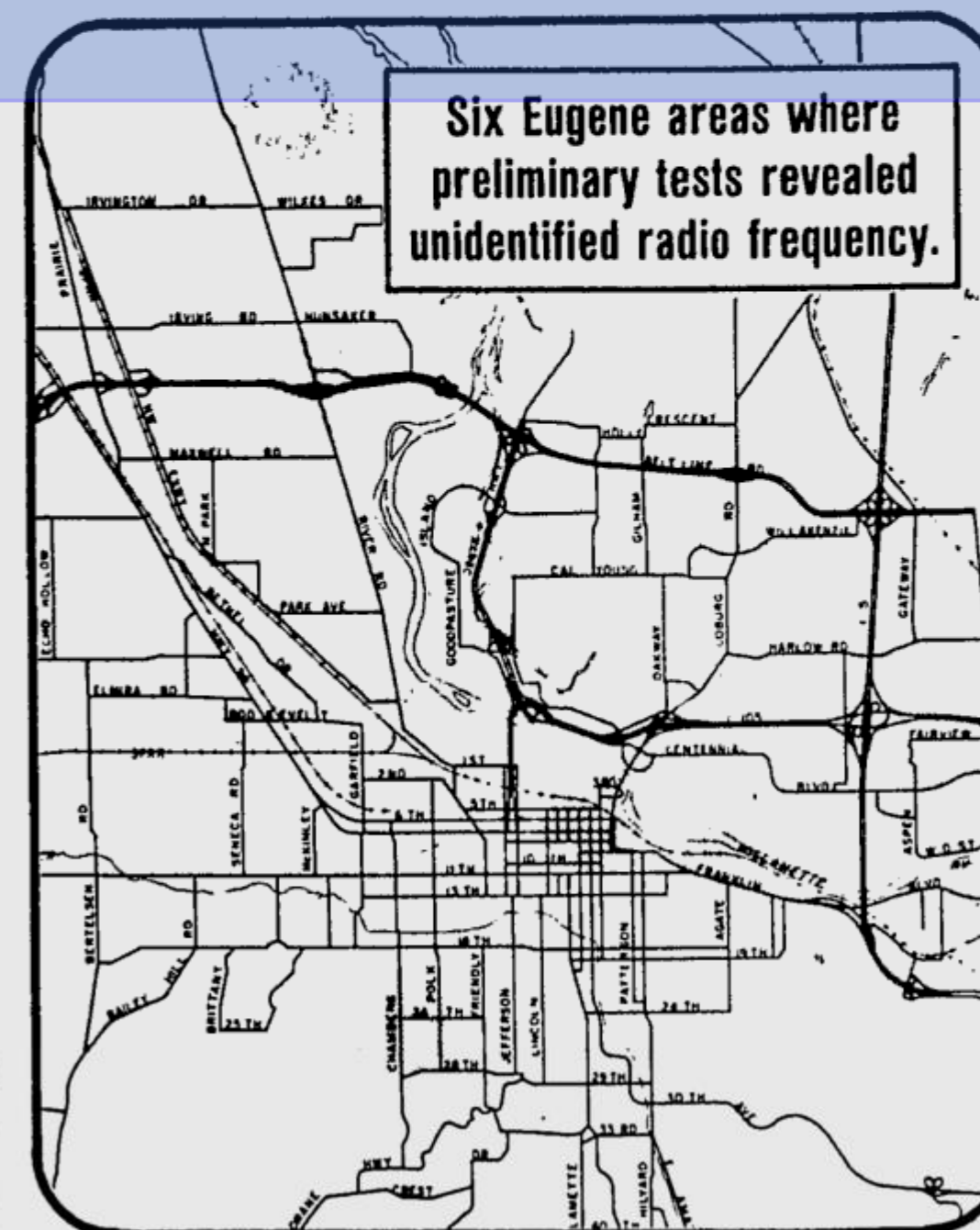
Dr. Harold Osterud, chairman of the Department of Public Health at the University of Oregon Medical School. Although Osterud himself has not been directly involved in investigation of the Eugene phenomenon, his department was the scene last week of a group interview with several physicists and engineering specialists involved in the work.

"This isn't anything that I know much about," he said. "But it's the sort of thing you can't ignore. We need to find out what's happening there."

The radio signal that has mobilized the health division and that is expected to bring federal experts to Eugene is described by personnel at the University of Oregon and at the U of O Medical School in Portland as a "radio frequency pulse signal." The experts who have investigated the phenomenon describe it as a 4.75 megahertz pulse occurring 1,100 times per second.

The signal has been recorded at weak levels inside at least two Eugene homes. But 3,000 feet above the city of Eugene, and extending northward as far as Corvallis, it has been measured at power intensities as high as 500,000 watts — 10 times the level of the most powerful AM radio stations licensed by the Federal Communications Commission.

"I was surprised," said Clifford Shrock of Portland, a Tektronix Inc.



Please turn to Page 3A

Shaded areas are general, not pinpoint, locations of signals

ernment, military and defense industry experts who have consistently denied any adverse effects from communications and radar gear. And on the other are physicians, engineers and environmental experts who say that the government and the defense industry are stonewalling the problem and ignoring a mounting body of evidence pointing to adverse health effects.

The critics say that the Soviet Union, which has done far more research on the problem than the United States, sets human exposure levels a thousand times lower than U.S. regulations. Some of the critics, such as Dr. Milton Zaret, a New York ophthalmologist,

realize that certain types of non-ionizing radiation, for example, microwaves and radio waves, can have similar effects to the readily recognized dangers of ionizing radiation — X-rays and gamma rays.

"The continuing rapid increase in the uses of microwave and radio waves in the military and civilian communication and sensor systems, as well as the growing popularity of microwave cooking in the home, means that it is imperative to develop accurate and adequate health risk estimates from sources which cannot be accused of vested interest."

What's it all about?

First, some kindergarten physics.

or work in areas where the radio signal has been detected at ground level are consistent with those contained in research literature.

"We saw some rather atrocious signal levels in our aerial search over Eugene," says Bill Bise, a Portland radio engineer. "The frequency didn't worry me. But the pulse portion of the signal is something to be concerned about. I've seen about 25 references to pulse sources causing biological effects."

Until about 10 years ago Bise had worked steadily as an engineer for various Portland broadcast stations. Then he became convinced that radio equipment he had installed in his home was directly connected with health

According to the two men, the aerial portion of their test detected the signal at 3,000 feet over Eugene. They kept their small plane in the signal field for an extended period of time. Both reported feeling physical effects. Schrock said he developed a splitting headache, while Bise said he had a visible swelling on his forehead.

"I'm inclined to be cautious about drawing conclusions," Schrock said. "I know that discomfort from air pressure changes happens in light aircraft. I know what happened but I won't say that it happened because of the radio frequency."

Bise, Schrock and George Toombs, a health physicist associated with both the med-

rant radio signal in Eugene probably can be quickly identified if the Environmental Protection Agency makes its resources available. But they say they're concerned about the possibility of a cover-up. "I hope that we'll be able to look over their shoulders while they're working," Toombs says.

Schrock, who's aware of the subject's science fiction overtones, says he's hopeful that public agencies will give the Eugene situation the quick and serious scrutiny he believes it deserves.

"I'm the world's worst skeptic," says Schrock. "But this case is something to think about. We're not bridging into science fiction."

Mystery signal discovered

Continued from Page One

engineer who specializes in radio frequency analysis. "I'd never seen anything like it before."

Schrock conducted the aerial tests that detected the powerful signal over Eugene. He sits on several FCC committees dealing with radio frequencies. He has been an editor of a technical magazine serving engineers in his field. And, in connection with his work at Tektronix, he wrote sections of the Central Intelligence Agency and National Security Agency manuals on "debugging" methods involving radio frequencies.

"I've seen things like that frequency that I could explain — like when you know you're flying directly over a big military transmitter or a transmitter on a mountain top," he said. "But to be in that location, over Eugene, and to have

a signal stay in that amplitude range for that great an area — that's something."

According to the specialists investigating the problem, the frequency range in which the signal occurs is in the shortwave radio band and is not in itself the reason for health concerns. The "pulsed" nature of the signal, unlike the continuous wave in typical radio signals, spurs the concern over health effects.

"Exposure to pulsed or pulse modulated electromagnetic radiation produces a large number of biological effects in humans and animals," Prince said after an extensive study of research material available on the subject.

A Eugene resident who says that he had been experiencing some of those effects for over two years was the cata-

lyst for the investigation. The man's name is not being revealed by the various professionals involved in the investigation because they say that he has a confidential client or patient relationship with them.

Van Ert, an industrial hygienist in the University of Oregon's Health Physics Office, says he was approached by the man last October. At that point, Van Ert said, the man had been to numerous public agencies and had spent more than \$5,000 with private consulting firms in an attempt to identify sporadic low-level noises and vibrations that he was experiencing in his home and that he felt were affecting his health.

Van Ert says he visited the Santa Clara area home and also felt low-level sound and vibration. However, despite weeks of testing, he was unable to record the signal with instruments or to detect a source.

He subsequently requested the assistance of Bill Bise, a Portland broadcasting engineer who directs a small non-profit corporation founded for research on possible adverse health effects of radio waves and microwaves.

Bise and Schrock came to Eugene with more sophisticated instruments and conducted a limited series of tests which they say detected the signal at six ground locales and in the air over the city. At the same time, Van Ert conducted a series of about 25 inter-

views with persons who live or work in areas where the signals have been detected. A few of the contacts were in Corvallis, where aerial testing also showed the signal to be present, he said.

The six Eugene locations identified in the limited initial testing were the areas around:

- The extreme northern edge of Santa Clara, east of River Road.
- Belt Line Road and River Road.
- Belt Line Road and Coburg Road.
- Seventh Avenue at the approach to the Ferry Street Bridge.
- Franklin Boulevard and Agate Street.
- 25th Avenue and Chambers Street.

According to Van Ert, the persons he spoke with complained of a common set of symptoms. Van Ert, White and others describe the symptoms as "non-specific" — a collection of ear and throat problems, headaches, insomnia, coordination difficulties and other symptoms that are common to many ailments.

But Van Ert said persons who seem to be affected by the radio signal report the symptoms appearing and disappearing in a group. Persons who say they have perceived a recurring sound or vibration in their homes also report that many of the symptoms appear only

when the vibration is present.

Ironically, Van Ert began to suspect the presence of the signal in his own home after his investigation began. Initially, he says, he wondered whether his imagination was overactive.

But testing by Bise and Prince detected the signal at Van Ert's apartment. And White, who visited the apartment, has detected one of the symptoms, a reddening of the skin, in Van Ert. White also said he perceived the same low level noise or vibration that others in Eugene have noted.

"I perceived a high-pitched, barely audible sound accompanied by a 'stiffness' in both ears," he said. "This sound and the stiffness disappeared upon leaving the residence. I repeated my observation three times, including once with all electrical power turned off. There was no detectable difference with the power turned off."

Although the source of the powerful signal is unknown, Van Ert, Bise and Schrock offer several possibilities. One is an errant signal from a government or military installation. Another is the possibility of a "spurious" signal, a physical phenomenon that occurs under certain conditions when two or more frequencies combine to produce another signal.

And still another possibility is "skywave," or "skip," the freak transmissions that occur when signals

from a distant location bounce off the atmosphere and are directed to earth again.

Another possibility could be a frequency generated by an "improperly shielded" industrial application that uses radio signals in a manufacturing process. Industrial applications that may use radio signals, usually in the microwave range, include lumber and veneer dryers, glue dryers, medical diathermy machines and commercial food processing plants.

Prince said the health division plans to resume monitoring in Eugene within about a week, after making some equipment modifications and arranging for aerial testing from the Air National Guard. She said EPA technicians might not be assigned to Eugene for more than two months.

For his part, Schrock isn't certain that it should take that long.

"If you got the right people and the right equipment," he says, "in about two days you could throw out about 99 percent of the theory and start coming to some conclusions."

THANK YOU!
I FOUND MY DOG
MUFFIN
No more calls, please



Had enough field-burning? Try electronic smog

By MIKE THOELE
Of the Register-Guard

Historically, Eugene residents have been concerned about injury to their environment.

They've railed over the felling of trees both close to the city and in remote locations. They've waxed indignant about toxic sprays and contaminated water. They've spiraled into high dudgeon over smoke from the burning of grass seed fields and logging slash.

Problems enough?

Then how about electronic smog?

That's the term used by a growing number of health professionals and environmentalists who believe that inadequate controls on some forms of radio frequency and microwave transmissions pose a threat to human health. The powerful "radio pulse frequency" that has been monitored in and above Eugene falls into a radio signal category that some experts say may be a health threat.

"It is an area where there is no black and no white," says Robert Sudmann, a University of Oregon health physicist who served as a technical sounding board for Marshall Van Ert, the industrial hygienist whose work spurred the public agency investigation that is just beginning. "It's a gray area."

It is also a controversial one. Arrayed on one side of the electronic battle line are government, military and defense industry experts who have consistently denied any adverse effects from communications and radar gear. And on the other are physicians, engineers and environmental experts who say that the government and the defense industry are stonewalling the problem and ignoring a mounting body of evidence pointing to adverse health effects.

The critics say that the Soviet Union, which has done far more research on the problem than the United States, sets human exposure levels a thousand times lower than U.S. regulations. Some of the critics, such as Dr. Milton Zaret, a New York ophthalmologist,

say the government undercuts its own denials in such ways as refusing to admit that close exposure to radar can cause eye problems, while paying, through the Veterans Administration, disability benefits to former radar technicians with cataracts.

The most prominent critic is probably Paul Brodeur, an environmental writer for The New Yorker magazine. Brodeur's book, "The Zapping of America," embraced eagerly by environmentalists, has also been accepted by more cautious engineers and researchers, such as Clifford Schrock, a Portland radio frequency specialist, and Dr. William Morton, head of the department of environmental medicine at the University of Oregon Medical School.

"We are living under an electronic sword of Damocles," Brodeur says, "for we are entirely without any idea of how such radiation may affect us."

Morton put the issue more prosaically in written testimony presented at the radiation, health and safety hearings of the U.S. Senate Committee on Commerce, Science and Transportation in 1977.

"It has . . . become apparent that certain federal agencies and private contractors have vested interest in obstructing the public scrutiny and adequate research support for accurate determination of the risks of these apparent hazards," he said. "Most people do not realize that certain types of non-ionizing radiation, for example, microwaves and radio waves, can have similar effects to the readily recognized dangers of ionizing radiation — X-rays and gamma rays.

"The continuing rapid increase in the uses of microwave and radio waves in the military and civilian communication and sensor systems, as well as the growing popularity of microwave cooking in the home, means that it is imperative to develop accurate and adequate health risk estimates from sources which cannot be accused of vested interest."

What's it all about?

First, some kindergarten physics.

Radio waves come in a known range of strengths, or frequencies. Consider that range as a 12-inch ruler. At the upper end, from about 8 to 12 inches, are the ionizing radiation — X-rays and gamma rays. Their benefits and dangers are well documented and not involved in the dispute.

Below eight inches on the imaginary radio ruler is non-ionizing radiation. And in the bottom five inches are radio frequencies. That's where the argument is: In inches four and five, which includes microwave — from ovens to radar. And below four inches, which includes commercial radio, television and shortwave frequencies.

Because of other radio wave components, such as pulse, strength, wave length and cycles per second, almost infinite signal variations are possible. The critics don't say all of them are harmful. But some researchers in both the Soviet Union and the United States have blamed certain types of microwave and radio signals for disorders ranging from cancer and cataracts to headaches and insomnia.

The 4.75 megahertz radio frequency pulse signal monitored in and above Eugene falls at about the 2½-inch mark on the imaginary ruler. But it has been monitored at signal strengths of 500,000 watts, far greater than any commercial broadcast station.

According to Van Ert, the symptoms reported by about 25 Eugene residents who live or work in areas where the radio signal has been detected at ground level are consistent with those contained in research literature.

"We saw some rather atrocious signal levels in our aerial search over Eugene," says Bill Bise, a Portland radio engineer. "The frequency didn't worry me. But the pulse portion of the signal is something to be concerned about. I've seen about 25 references to pulse sources causing biological effects."

Until about 10 years ago Bise had worked steadily as an engineer for various Portland broadcast stations. Then he became convinced that radio equipment he had installed in his home was directly connected with health

problems being experienced by his wife. Eventually, he quit his full-time radio work, supported himself with a small consulting business and began researching biological effects of radio frequencies.

Along the way he founded a non-profit corporation — Pacific Northwest Center for the Study of Non-Ionizing Radiation — in a futile attempt to obtain grant money for research. Nevertheless, he completed a small pilot study, using human volunteers to test the neurological effects of certain radio waves.

The report made him a pariah in his own profession. But since then, those who once rejected or ridiculed his findings — Morton (at the medical school), Sudmann (the U of O physicist) and Schrock (the Portland radio engineer) — have attached great credence to his work. Morton now uses him as an instructor in the medical school's environmental health department.

When Van Ert hit a dead end in his attempt to monitor sounds and vibrations that a Eugene man had reported in his home, he turned to Bise. Bise and Schrock, a Tektronix engineer who has written portions of Central Intelligence Agency and National Security Agency manuals on the use of radio equipment for debugging, came to Eugene with more sophisticated equipment and turned up the signal at ground level and in the air.

According to the two men, the aerial portion of their test detected the signal at 3,000 feet over Eugene. They kept their small plane in the signal field for an extended period of time. Both reported feeling physical effects. Schrock said he developed a splitting headache, while Bise said he had a visible swelling on his forehead.

"I'm inclined to be cautious about drawing conclusions," Schrock said. "I know that discomfort from air pressure changes happens in light aircraft. I know what happened but I won't say that it happened because of the radio frequency."

Bise, Schrock and George Toombs, a health physicist associated with both the med-

ical school and the State Health Division, say they have hopes that the attention focused on the frequency detected over Eugene will lead to quick response and documentation by state and federal agencies.

Schrock says he is convinced that the signal can be isolated and perhaps tracked to a source in a short time if the proper equipment and expertise are thrown into the effort.

But residents of some other communities might be skeptical about a quick solution.

Citizens and medical officials of communities in California, Massachusetts, Alabama and other states have met with difficulty in obtaining information about the biological effects of proposed and existing government microwave transmissions. Residents of Cape Cod, where Brodeur lives, have been complaining of health effects and battling for data for several years.

According to Morton and others, research information that could lead to definitive safety standards for microwave and radio frequency transmissions is thwarted by government and by industries that might be affected by the standards.

On the local scene, Van Ert complains that government agencies were slow to respond to his warnings of a possible health hazard until he decided to "go public" with his findings.

Bise, Schrock and Toombs say the aberrant radio signal in Eugene probably can be quickly identified if the Environmental Protection Agency makes its resources available. But they say they're concerned about the possibility of a cover-up. "I hope that we'll be able to look over their shoulders while they're working," Toombs says.

Schrock, who's aware of the subject's science fiction overtones, says he's hopeful that public agencies will give the Eugene situation the quick and serious scrutiny he believes it deserves.

"I'm the world's worst skeptic," says Schrock. "But this case is something to think about. We're not bridging into science fiction."

...women smiled away because they felt
the geologic conditions were unfavor-

...were covered by the experimental in royalties.

...in Huntsville," she said. "V

Oregon's 'close encounter' turns out to be of an ordinary kind

United Press International

EUGENE, Ore. — Those mysterious radio signals that some Eugene residents say turn their skin red and cause other health problems are not coming from outer space, but from a "naval operation" in Alameda, Calif., a Federal Communications Commission (FCC) official said Tuesday.

Theories on the source of the signals, which have been investigated by engineers and Oregon health officials, ranged all the way to outer space. But the answer is nothing so exotic, said Richard Smith, assistant chief of the enforcement division of the FCC.

"Frankly, I think it's much ado about nothing," Smith said.

Kristine Gebbie, administrator of the Oregon State Health Division, said the signals had been heard at widely scattered areas in Oregon, but they were up to 100 times stronger in the Eugene area.

"At the same time this electromagnetic source has been detected, people have reported noises in the head, stuffiness and reddened skin," she said Monday.

Marshall Van Ert, an industrial hygienist at the University of Oregon who was one of the original investigators of the pulses in

the Eugene area, said the signals caused his skin to turn red.

"On at least five occasions I have had to leave my apartment," Van Ert said. "The signal strength will begin to increase in intensity in the evening from 6 to 7 o'clock and continue through the night and into the morning until about 8 or 9 o'clock."

Smith said the FCC had determined the signal was emanating from a "naval operation" at the Alameda Naval Air Station, on San Francisco Bay, but he did not know what the operation was.

"The data transmission is something that has been going on for some time," he said, "and there is nothing particularly mysterious about these radio signals that we can see."

Van Ert said his investigation began when he was asked to investigate a house in nearby Santa Clara, Ore. last October.

"In the house I perceived a high-pitched, nonaudible sensation that set up a ringing in my ears. It felt like a pressure around my head."

The Oregon State Health Division said Tuesday the matter now is in the hands of the federal Environmental Protection Agency for any further action.

National digest

International report warns of future oil shortages

A report released Tuesday by representatives of six nations warns that future oil shortages may split Western allies and lead to new military threats in the Middle East. The report said key steps to avoid a crisis include more conservation by industrial nations, the development of alternate energy sources and a joint effort to link more closely the economic futures of producing and consuming nations. The report was sponsored by the Rockefeller Foundation and was written by experts from Britain, France, Italy, West Germany, Japan and the United States.

Navy questions fleet projections

A Navy study made public Tuesday suggests that a future fleet of about 500 ships projected by Defense Secretary Harold Brown would fall below "minimum acceptable risk" for U.S. security. The Navy study concluded that a 585-ship fleet would give the United States "all around superiority" over the Soviet Navy. Defense officials countered by saying the sharply reduced Navy shipbuilding program they recommend "is the largest we can responsibly propose" to Congress.

Newspaper unions ready to strike

The union representing 200 lithographers and photoengravers at *The New York Times* and *Daily News* voted Tuesday to authorize a strike against the two papers if a new contract is not reached by midnight.

Print

On the Need for New Criteria of Diagnosis of Psychosis in the Light of Mind Invasive Technology

By [Carole Smith](#)

Global Research, October 18, 2007

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"We have failed to comprehend that the result of the technology that originated in the years of the arms race between the Soviet Union and the West, has resulted in using satellite technology not only for surveillance and communication systems but also to lock on to human beings, manipulating brain frequencies by directing laser beams, neural-particle beams, electro-magnetic radiation, sonar waves, radiofrequency radiation (RFR), soliton waves, torsion fields and by use of these or other energy fields which form the areas of study for astro-physics. Since the operations are characterised by secrecy, it seems inevitable that the methods that we do know about, that is, the exploitation of the ionosphere, our natural shield, are already outdated as we begin to grasp the implications of their use." [Excerpt]

For those of us who were trained in a psychoanalytical approach to the patient which was characterised as patient centred, and which acknowledged that the effort to understand the world of the other person entailed an awareness that the treatment was essentially one of mutuality and trust, the American Psychiatry Association's Diagnostic Criteria for Schizotypal personality was always a cause for alarm. The Third Edition (1987) of *Diagnostic and Statistical Manual of Mental Disorders* (DSM) required that there be at least four of the characteristics set out for a diagnosis of schizophrenia, and an approved selection of four could be: magical thinking, telepathy or sixth sense; limited social contact; odd speech; and over-sensitivity to criticism. By 1994, the required number of qualifying characteristics were reduced to two or more, including, say, hallucinations and 'negative' symptoms such as affective flattening, or disorganised or incoherent speech – or only one if the delusions were bizarre or the hallucination consisted of a voice keeping up a running commentary on the person's behaviour or thoughts. The next edition of the DSM is not due until the year 2010.

In place of a process of a labelling which brought alienation and often detention, sectioning, and mind altering anti-psychotic medication, many psychoanalysts and psychotherapists felt that even in severe cases of schizoid withdrawal we were not necessarily wasting our time in attempting to restore health by the difficult work of unravelling experiences in order to make sense of an illness. In this way, psychoanalysis has been, in its most radical form, a critic of a society, which failed to exercise imaginative empathy when passing judgement on people. The work of Harry Stack Sullivan, Frieda Fromm-Reichmann, Harold Searles or R.D. Laing – all trained as psychiatrists and all of them rebels against the standard procedures – provided a way of working with people very different from the psychiatric model, which seemed to encourage a society to repress its sickness by making a clearly split off group the carriers of it. A psychiatrist in a mental hospital once joked to me, with some truth, when I commented on the number of carrier bags carried by many of the medicated patients around the hospital grounds, that they assessed the progress of the patient in terms of the reduction of the number of carrier bags. It is too often difficult to believe, however, when hearing the history of a life, that the "schizophrenic" was not suffering the effects of having been made, consciously and unconsciously, the carefully concealed carrier of the ills of the family.

For someone who felt his mind was going to pieces, to be put into the stressful situation of the psychiatric examination, even when the psychiatrist acquitted himself with kindness, the situation of the assessment procedure itself, can be 'an effective way to drive someone crazy, or more crazy.' (Laing, 1985, p 17). But if the accounting of bizarre experiences more or less guaranteed you a new label or a trip to the psychiatric ward, there is even more reason for a new group of people to be outraged about how their symptoms are being diagnosed. A doubly cruel sentence is being imposed on people who are the victims of the most appalling abuse by scientific-military experiments, and a totally uncomprehending society is indifferent to their evidence. For the development of a new class of weaponry now has the capability of entering the brain and mind and body of another person by technological means.

Harnessing neuroscience to military capability, this technology is the result of decades of research and experimentation, most particularly in the Soviet Union and the United States. (Welsh, 1997, 2000) We have failed to comprehend that the result of the technology that originated in the years of the arms race between the Soviet Union and the West, has resulted in using satellite technology not only for surveillance and communication systems but also to lock on to human beings, manipulating brain frequencies by directing laser beams, neural-particle beams, electro-magnetic radiation, sonar waves, radiofrequency radiation (RFR), soliton waves, torsion fields and by use of these or other energy fields which form the areas of study for astro-physics. Since the operations are characterised by secrecy, it seems inevitable that the methods that we do know about, that is, the exploitation of the ionosphere, our natural shield, are already outdated as we begin to grasp the implications of their use. The patents deriving from Bernard J. Eastlund's work provide the ability to put unprecedented amounts of power in the Earth's atmosphere at strategic locations and to maintain the power injection level, particularly if random pulsing is employed, in a manner far more precise and better controlled than accomplished by the prior art, the detonation of nuclear devices at various yields and various altitudes. (ref High Frequency Active Auroral Research Project, HAARP).

Some patents, now owned by Raytheon, describe how to make "nuclear sized explosions without radiation" and describe power beam systems, electromagnetic pulses and over-the-horizon detection systems. A more disturbing use is the system developed for manipulating and disturbing the human mental process using pulsed radio frequency radiation (RFR), and their use as a device for causing negative effects on human health and thinking. The victim, the innocent civilian target is locked on to, and unable to evade the menace by moving around. The beam is administered from space. The Haarp facility as military technology could be used to broadcast global mind-control, as a system for manipulating and disturbing the human mental process using pulsed radio frequency (RFR). The super-powerful radio waves are beamed to the ionosphere, heating those areas, thereby lifting them. The electromagnetic waves bounce back to the earth and penetrate human tissue.

Dr Igor Smirnov, of the Institute of Psycho-Correction in Moscow, says: "It is easily conceivable that some Russian 'Satan', or let's say Iranian – or any other 'Satan', as long as he owns the appropriate means and finances, can inject himself into every conceivable computer network, into every conceivable radio or television broadcast, with relative technological ease, even without disconnecting cables...and intercept the radio waves in the ether and modulate every conceivable suggestion into it. This is why such technology is rightfully feared." (German TV documentary, 1998).

If we were concerned before about diagnostic criteria being imposed according to the classification of *recognizable symptoms*, we have reason now to submit them to even harsher scrutiny. The development over the last decades since the Cold War arms race has included as a major strategic category, psycho-electronic weaponry, the ultimate aim of which is to enter the brain and mind. Unannounced, undebated and largely unacknowledged by scientists or by the governments who employ them – technology to *enter and control minds from a distance* has been unleashed upon us. The only witnesses who are speaking about this terrible technology with its appalling implications for the future, are the victims themselves and those who are given the task of diagnosing mental illness

are attempting to silence them by classifying their evidence and accounts as the symptoms of schizophrenia, while the dispensers of psychic mutilation and programmed pain continue with their work, aided and unopposed.

If it was always crucial, under the threat of psychiatric sectioning, to carefully screen out any sign of confused speech, negativity, coldness, suspicion, bizarre thoughts, sixth sense, telepathy, premonitions, but above all the sense that "others can feel my feelings, and that *someone seemed to be keeping up a running commentary on your thoughts and behaviour*," then reporting these to a psychiatrist, or anyone else for that matter who was not of a mind to believe that such things as mind-control could exist, would be the end of your claim to sanity and probably your freedom. For one of the salient characteristics of mind-control is the running commentary, which replicates so exactly, and surely not without design, the symptoms of schizophrenia. Part of the effort is to remind the victim that they are constantly under control or surveillance. Programmes vary, but common forms of reminders are electronic prods and nudges, body noises, twinges and cramps to all parts of the body, increasing heart beats, applying pressures to internal organs – all with a personally codified system of comments on thoughts and events, designed to create stress, panic and desperation. This is mind control at its most benign. There is reason to fear the use of beamed energy to deliver lethal assaults on humans, including cardiac arrest, and bleeding in the brain.

It is the government system of secrecy, which has facilitated this appalling prospect. There have been warning voices. "...the government secrecy system as a whole is among the most poisonous legacies of the Cold War ...the Cold War secrecy (which) also mandate(s) Active Deception...a security manual for special access programs authorizing contractors to employ 'cover stories to disguise their activities. The only condition is that cover stories must be believable.'" (Aftergood & Rosenberg, 1994; Bulletin of Atomic Scientist). Paranoia has been aided and abetted by government intelligence agencies.

In the United Kingdom the fortifications against any disturbing glimmer of awareness of such actual or potential outrages against human rights and social and political abuses seem to be cast in concrete. Complete with crenellations, ramparts and parapets, the stronghold of nescience reigns supreme. To borrow Her Majesty the Queen's recent observation: "There are forces at work of which we are not aware." One cannot say that there is no British Intelligence on the matter, as it is quite unfeasible that the existence of the technology is not classified information. Indeed it is a widely held belief that the women protesting against the presence of cruise missiles at Greenham Common were victims of electro-magnetic radiation at gigahertz frequency by directed energy weapons, and that their symptoms, including cancer, were consistent with such radiation effects as reported by Dr Robert Becker who has been a constantly warning voice against the perils of electro-magnetic radiation. The work of Allen Frey suggests that we should consider radiation effects as a grave hazard producing increased permeability of the blood-brain barrier, and weakening crucial defenses of the central nervous system against toxins. (Becker, 1985, p. 286). Dr Becker has written about nuclear magnetic resonance as a familiar tool in medicine known as magnetic resonance imaging or MRI. Calcium efflux is the result of cyclotron resonance which latter can be explained thus: If a charged particle or ion is exposed to a steady magnetic field in space, it will begin to go into a circular or orbital, motion at right angles to the applied magnetic field. The speed with which it orbits will be determined by the ratio between the charge and the mass of the particle and by the strength of the magnetic field. (Becker, 1990, p. 235) The implications of this for wide scale aggression by using a combination of radar based energy and the use of nuclear resonating are beyond the scope of the writer, but appear to be worth the very serious consideration of physicists in assessing how they might be used against human beings.

Amongst medical circles, however, it has so far not been possible for the writer to find a neuroscientist, neurologist or a psychiatrist, nor for that matter, a general medical practitioner, who acknowledges *even the potential* for technological manipulation of the nervous system as a problem requiring their professional interest. There has been exactly this response from some of England's most eminent practitioners of the legal profession, not surprisingly, because the information about such technology is not made available to them. They would refer anyone attempting to communicate mind- harassment as a psychiatric problem, ignoring the crime that is being committed.

The aim here is not to attempt a comprehensive history and development of the technology of mind control. These very considerable tasks – which have to be done under circumstances of the most extreme difficulty – have been addressed with clarity and courage by others, who live with constant harm and threats, not least of all contemptuous labelling. Their work can be readily accessed on the internet references given at the end of this paper. For a well-researched outline of the historical development of electro-magnetic technology the reader should refer to the timeline of dates and electromagnetic weapon development by Cheryl Welsh, president of Citizens against Human Rights Abuse. (Welsh 1997; 2001). There are at least one and a half thousand people worldwide who state they are being targeted. Mojmir Babacek, now domiciled in his native Czech Republic, after eight years of residence in the United States in the eighties, has made a painstakingly meticulous review of the technology, and continues his research. (Babacek 1998, 2002)

We are concerned here with reinforcing in the strongest possible terms:

- i) The need for such abuses to human rights and the threats to democracy to be called to consciousness, and without further delay.
- ii) To analyse the reasons why people might defend themselves from becoming conscious of the existence of such threats.
- iii) To address the urgent need for intelligence, imagination, and information – not to mention compassion – in dealing with the victims of persecution from this technology, and
- iv) To alert a sleeping society, to the imminent threats to their freedom from the threat from fascist and covert operations who have in all probability gained control of potentially lethal weaponry of the type we are describing.

It is necessary to emphasise that at present there is not even the means for victims to gain medical attention for the effects of radiation from this targeting. Denied the respect of credulity of being used as human guinea pigs, driven to suicide by the breakdown of their lives, they are treated as insane – at best regarded as 'sad cases'. Since the presence of a permanent 'other' in one's mind and body is by definition an act of the most intolerable cruelty, people who are forced to bear it but who refuse to be broken by it, have no other option than to turn themselves into activists, their lives consumed by the battle against such atrocities, their energies directed to alerting and informing the public of things they don't want to hear or understand about evil forces at work in their society.

It is necessary, at this point, to briefly outline a few – one might say the precious few – attempts by public servants to verify the existence and dangers inherent in this field:

- In January 1998, an annual public meeting of the French National Bioethics Committee was held in Paris. Its chairman, Jean-Pierre Changeux, a neuroscientist at the Institut Pasteur in Paris, told the meeting that "advances in cerebral imaging make the scope for invasion of privacy immense. Although the equipment needed is still highly specialized, it will become commonplace and capable of being used at a distance. That will open the way for abuses such as invasion of personal liberty, control of behaviour and brainwashing. These are far from being science-fiction concerns...and constitute "a serious risk to society." ("Nature." Vol 391, 1998.
- In January 1999, the European Parliament passed a resolution where it calls " for an international convention introducing a global ban on all development and deployment of weapons which might enable any form of manipulation of human beings. It is our conviction that this ban can not be implemented without the global pressure of the informed general public on the governments. Our major objective is to get across to the general public the *real threat which these weapons represent for*

human rights and democracy and to apply pressure on the governments and parliaments around the world to enact legislature which would prohibit the use of these devices to both government and private organisations as well as individuals." (Plenary sessions/Europarlament, 1999)

- In October 2001, Congressman Dennis J. Kucinich introduced a bill to the House of Representatives which, it was hoped would be extremely important in the fight to expose and stop psycho-electronic mind control experimentation on involuntary, non-consensual citizens. The Bill was referred to the Committee on Science, and in addition to the Committee on Armed Services and International Relations. In the original bill a ban was sought on 'exotic weapons' including electronic, psychotronic or information weapons, chemtrails, particle beams, plasmas, electromagnetic radiation, extremely low frequency (ELF) or ultra low frequency (ULF) energy radiation, or mind control technologies. Despite the inclusion of a prohibition of the basing of weapons in space, and the use of weapons to destroy objects or damage objects in space, there is no mention in the revised bill of any of the aforementioned mind-invasive weaponry, nor of the use of satellite or radar or other energy based technology for deploying or developing technology designed for deployment against the minds of human beings. (Space Preservation Act, 2002)

In reviewing the development of the art of mind-invasive technology– there are a few outstanding achievements to note:

In 1969 Dr Jose Delgado, a Yale psychologist, published a book: "Physical Control of the Mind: Towards a Psychocivilized Society". In essence, he displayed in practical demonstrations how, by means of electrical stimulation of the brain which had been mapped out in its relations between different points and activities, functions and sensations, – by means of electrical stimulation, how **the rhythm of breathing and heartbeat could be changed**, as well as the function of most of the viscera, and gall bladder secretion. Frowning, opening and closing of eyes and mouth, chewing, yawning, sleep, dizziness, epileptic seizures in healthy persons were induced. The intensity of feelings could be controlled by turning the knob, which controlled the intensity of the electric current. He states at the end of his book the hope that the new power will remain limited to scientists or some charitable elite for the benefit of a "psychocivilized society."

In the 1980's the **neuromagnetometer** was developed which functions as an antenna and could monitor the patterns emerging from the brain. (In the seventies the scientists had discovered that electromagnetic pulses enabled the brain to be stimulated through the skull and other tissues, so there was no more need to implant electrodes in the brain). The antenna, combined with the computer, could localize the points in the brain where the brain events occur. The whole product is called the **magnetoencephalograph**.

In January 2000 the Lockheed Martin neuroengineer Dr John D. Norseen, was quoted (US News and World Report, 2000) as hoping to turn the **electrohypnoticalaphone**, a mind reading machine, into science fact. Dr Norseen, a former Navy pilot, claims his interest in the brain stemmed from reading a Soviet book in the 1980's claiming that research on the mind would revolutionize the military and society at large. By a process of deciphering the brain's electrical activity, electromagnetic pulsations would trigger the release of the brain's own transmitters to fight off disease, enhance learning, or alter the mind's visual images, creating a 'synthetic reality'. By this process of **BioFusion**, (Lockheed Martin, 2000) information is placed in a database, and a **composite model of the brain** is created. By viewing a brain scan recorded by (functional) magnetic resonance imaging (fMRI) machine, scientists can tell what the person was doing at the time of recording – say reading or writing, or recognise emotions from love to hate. "If this research pans out", says Norseen, "you can begin to manipulate what someone is thinking even before they know it." But Norseen says he is 'agnostic' on the moral ramifications, that he's not a mad scientist – just a dedicated one. "The ethics don't concern me," he says, "but they should concern someone else."

The next big thing looks like being something which we might refer to as a **neurocomputer** but it need not resemble a laptop – it may be reducible to whatever size is convenient for use, such as a small mobile phone. Arising from a break-through and exploitation of PSI-phenomena, it may be modelled on the nervous-psycho activity of the brain – that is, as an unbalanced, unstable system of neurotransmitters and interacting neurones, the work having been derived from the creation of a copy of a living brain – accessed by chance, and ESP and worked on by design.

On receiving a communication from the writer on the feasibility of a machine being on the horizon which, based on the project of collecting electromagnetic waves emanating from the brain and transmitting them into another brain that would read a person's thoughts, or using the same procedure in order to impose somebody else's thoughts on another brain and in this way direct his actions – there was an unequivocal answer from IBM at executive level that there was no existing technology to create such a computer in the foreseeable future. This is at some variance with the locating of a patent numbered 03951134 on the Internet pages of IBM Intellectual Property Network for a device, described in the patent, as capable of picking up at a distance the brain waves of a person, process them by computer and emit correcting waves which will change the original brain waves. Similar letters addressed to each of the four top executives of Apple Inc., in four individual letters marked for their personal attention, produced absolutely no response. This included the ex- Vice President of the United States, Mr Al Gore, newly elected to the Board of Directors of Apple.

Enough people have been sufficiently concerned by the reports of victims of mind control abuse to organise The Geneva Forum, in 2002, held as a joint initiative of the Quaker United Nations Office, Geneva; the United Nations Institute for Disarmament Research; the International Committee of the Red cross, and the Human Rights Watch (USA), and Citizens against Human Rights Abuses (CAHRA); and the Programme for Strategic and International Security Studies, which was represented by the Professor and Senior Lecturer from the Department of Peace Studies at the University of Bradford.

In England, on May 25, 1995, the Guardian newspaper in the U.K. carried an article based on a report by Nic Lewer, the peace researcher from Bradford University, which listed "more than 30 different lines of research into 'new age weapons'..."some of the research sounds even less rational. There are, according to Lewer, plans for 'pulsed microwave beams' to destroy enemy electronics, and separate plans for very-low-frequency sound beams to induce vomiting, bowel spasm, epileptic seizures and also crumble masonry." Further, the article states, "There are plans for 'mind control' with the use of 'psycho-correction messages' transmitted by subliminal audio and visual stimuli. There is also a plan for 'psychotronic weapons' – apparently the projection of consciousness to other locations – and another to use holographic projection to disseminate propaganda and misinformation." (Welsh, *Timeline*). Apart from this notable exception it is difficult to locate any public statement of the problem in the United Kingdom.

Unfortunately, the problem of credulity does not necessarily cease with frequent mention, as in the United States, in spite of the number of reported cases, there is still not sufficient public will to make strenuous protest against what is not only already happening, but against what will develop if left unchecked. It appears that the administration believes that it is necessary and justifiable, in the interests of national security, to make experimental human sacrifices, to have regrettable casualties, for there to be collateral damage, to suffer losses in place of strife or war. This is, of course, totally incompatible with any claims to be a democratic nation which respects the values of human life and democracy, and such an administration which tutors its servants in the ways of such barbaric tortures must be completely condemned as uncivilised and hypocritical.

Disbelief as a Defence Mechanism

In the face of widespread disbelief about mind-control, it seems worth analysing the basis of the mechanisms employed to maintain disbelief:

- i) In the sixties, Soviet dissidents received a significant measure of sympathy and indignant protest from western democracies on account of their treatment, most notably the abuse of psychiatric methods of torture to which they were subjected. It is noteworthy that

we seem to be able to access credulity, express feelings of indignant support when we can identify with victims, who share and support our own value system, and who, in this particular historical case, reinforced our own values, since they were protesting against a political system which also threatened us at that time. Psychologically, it is equally important to observe that support from a safe distance, and the benefits to the psyche of attacking a split-off 'bad father', the soviet authorities in this case, presents no threat to one's internal system; indeed it relieves internal pressures. On the other hand, recognizing and denouncing a similar offence makes very much greater psychic demands of us when it brings us into conflict with our own environment, our own security, our own reality. The defence against disillusion serves to suppress paranoia that our father figure, the president, the prime minister, our governments – might not be what they would like to be seen to be.

ii) The need to deposit destructive envy and bad feelings *elsewhere*, on account of the inability of the ego to acknowledge ownership of them – reinforces the usefulness of persons or groups, which will serve to contain those, disowned, projected feelings which arouse paranoid anxieties. The concepts of mind-invasion strike at the very heart of paranoid anxiety, causing considerable efforts to dislodge them from the psyche. The unconscious identification of madness with dirt or excrement is an important aspect of anal aggression, triggering projective identification as a defence.

iii) To lay oneself open to believing that a person is undergoing the experience of being invaded mentally and physically by an unseen manipulator requires very great efforts in the self to manage dread.

iv) The defence against the unknown finds expression in the split between theory and practice; between the scientist as innovator and the society who can make the moral decisions about his inventions; between fact and science fiction, the latter of which can present preposterous challenges to the imagination without undue threat, because it serves to reinforce a separation from the real.

v) Identification with the aggressor. Sadistic fantasies, unconscious and conscious, being transferred on to the aggressor and identified with, aid the repression of fear of passivity, or a dread of punishment. This mechanism acts to deny credulity to the victim who represents weakness. This is a common feature of satanic sects.

vi) The liberal humanist tradition which denies the worst destructive capacities of man in the effort to sustain the belief in the great continuity of cultural and scientific tradition; the fear, in one's own past development, of not being 'ongoing', can produce the psychic effect of reversal into the opposite to shield against aggressive feelings. This becomes then the exaggerated celebration of the 'new' as the affirmation of human genius which will ultimately be for the good of mankind, and which opposes warning voices about scientific advances as being pessimistic, unenlightened, unprogressive and Luddite. Strict adherence to this liberal position can act as overcompensation for a fear of envious spoiling of good possessions, i.e. cultural and intellectual goods.

vii) Denial by displacement is also employed to ignore the harmful aspects of technology. What may be harmful for the freedom and good of society can be masked and concealed by the distribution of new and entertaining novelties. The technology, which puts a camera down your gut for medical purposes, is also used to limit your freedom by surveillance. The purveyors of innovative technology come up with all sorts of new gadgets, which divert, entertain and feed the acquisitive needs of insatiable shoppers, and bolster the economy. The theme of "Everything's up to date in Kansas City" only takes on a downside when individual experience – exploding breast implants, say – takes the gilt off the gingerbread. Out of every innovation for evil (i.e. designed for harming and destroying) some 'good' (i.e. public diversion or entertainment) can be promoted for profit or crowd-pleasing.

viii) Nasa is sending a spacecraft to Mars, or so we are told. They plan to trundle across the Martian surface searching for signs of water and life. We do not hear dissenting voices about its feasibility.

Why is it that, when a person accounts that their mind is being disrupted and they are being persecuted by an unseen method of invasive technology, that we cannot bring ourselves to believe them? Could it be that the horror involved in the empathic identification required brings the shutters down? Conversely, the shared experience of the blasting of objects into space brings with it the possibilities of shared potency or the relief that resonates in the unconscious of a massive projection or evacuation – a shared experience which is blessed in the name of man's scientific genius.

ix) The desire 'not to be taken in', not to be taken for a fool, provides one of the most powerful and common defence mechanism against credulity.

Power, Paranoia and Unhealthy Governments

The ability to be the bearer and container of great power without succumbing to the pressures of latent narcissistic psychoses is an important matter too little considered. The effect of holding power and the expectation and the need to be seen as capable of sustaining it, if not exercising it, encourages omnipotence of thought. In the wake of this, a narcissistic overevaluation of the subject's own mental processes may set in. In the effort to hold himself together as the possessor, container and executor of power, he (or indeed, she) may also, undergo a process of splitting which allows him, along with others, to bear enthralled witness of himself in this illustrious role. This may mean that the seat of authority is vacated, at least at times. The splitting process between the experiencing ego and the perceiving ego allows the powerful leader to alternate his perception of himself inside and outside, sometimes beside, himself. With the reinforcement of himself from others as his own narcissistic object, reality testing is constrained. In this last respect, he has much in common with the other powerful figure of the age, the movie star. or by those, in Freud's words, who are "ruined by success."

In a world, which is facing increasing disillusion about the gulf between the public platforms on which governments are elected, and the contingencies and pragmatics of retaining defence strategies and economic investments, the role of military and intelligence departments, with their respective tools of domination and covert infiltration, is increasingly alarming. Unaccountable to the public, protected from exposure and prosecution by their immunity, licensed to lie as well as to kill, it is in the hands of these agents that very grave threats to human rights and freedom lies. Empowered to carry out aggression through classified weapon experimentation which is undetectable, these men and women are also open to corruption from lucrative offers of financial reward from powerful and sinister groups who can utilize their skills, privileged knowledge and expertise for frankly criminal and fascist purposes.

Our information about the psychological profiles of those who are employed to practice surveillance on others is limited, but it is not difficult to imagine the effects on the personality that would ensue with the persistent practice of such an occupation, so constantly exposed to the perversions. One gains little snatches of insight here and there. In his book on CIA mind control research (Marks, 1988), John Marks quotes a CIA colleague's joke (always revealing for personality characteristics): "If you could find the natural radio frequency of a person's sphincter, you could make him run out of the room real fast." (One wonders if the same amusement is derived from the ability to apply, say infra-sound above 130 decibels, which is said to cause stoppage of the heart, according to one victim/activist from his readings of a report for the Russian Parliament.)

Left to themselves, these servants of the state may well feel exempt from the process of moral self-scrutiny, but the work must be dehumanising for the predator as well as the prey. It is probably true that the need to control their agents in the field was an incentive to develop the methods in use today. It is also an effectively brutalising training for persecuting others. Meanwhile the object, the prey, in a bid for not only for survival but also in a desperate effort to warn his or her fellows about what is going on, attempts to turn himself into a quantum physicist, a political researcher, a legal sleuth, an activist, a neurologist, a psychologist, a physiologist – his own doctor, since he cannot know what effects this freakish treatment might have on his body, let alone his mind. There are always

new methods to try out which might prove useful in the search to find ways of disabling and destroying opponents – air injected into brains and lungs, lasers to strike down or blind, particle beams, sonar waves, or whatever combination of energies to direct, or destabilise or control.

Science and Scepticism

Scientists can be bought, not just by governments, but also by sinister and secret societies. Universities can be funded by governments to develop technology for unacceptably inhumane uses. The same people who deliver the weapons – perhaps respected scientists and academics – may cite the acceptable side of scientific discoveries, which have been developed by experimenting on unacknowledged, unfortunate people. In a cleaned up form, they are then possibly celebrated as a break-through in the understanding of the natural laws of the universe. It is not implausible that having delivered the technical means for destruction, the innovator and thinker goes on, wearing a different hat, to receive his (or her) Nobel Prize. There are scientists who have refused to continue to do work when they were approached by CIA and Soviet representatives. These are the real heroes of science.

In the power struggle, much lies at stake in being the first to gain control of ultimate mind-reading and mind-controlling technology. Like the nuclear bomb, common ownership would seem by any sane calculations to cancel out the advantage of possession, but there is always a race to be the first to possess the latest ultimate means of mass destruction. The most desirable form is one that can be directed at others without contaminating oneself in the process – one that can be undetected and neatly, economically and strategically delivered. We should be foolish to rule out secret organisations, seeing threat only from undemocratic countries and known terrorist groups.

As consumers in a world which is increasingly one in which shopping is the main leisure activity, we should concern ourselves to becoming alert to the ways in which human welfare may have been sacrificed to produce an awesome new gadget. It may be the cause for celebration for the 'innovator', but brought about as the result of plugging in or dialling up the living neuronal processes of an enforced experimentee. If we are concerned not to eat boiled eggs laid by battery hens, we might not regard it morally irrelevant to scrutinise the large corporations producing electronically innovative 'software.' We might also be wary about the origins of the sort of bland enticements of dating agencies who propose finding your ideal partner by matching up brain frequencies and 'bio-rhythms'.

We do not know enough about the background of such technology, nor how to evaluate it ethically. We do not know about its effects on the future, because we are not properly informed. If governments persist in concealing the extent of their weapon capability in the interests of defence, they are also leaving their citizens disempowered of the right to protest against their deployment. *More alarmingly, they are leaving their citizens exposed to their deployment by ruthless organisations whose concerns are exactly the opposite of democracy and human rights.*

Back in the United Kingdom

Meanwhile, back in England, the Director of the Oxford Centre for Cognitive Neuroscience, Professor Colin Blakemore, also the elective Chief Executive of the Medical Research Council writes to the author that he "... knows of no technology (not even in the wildest speculations of neuroscientists) for scanning and collecting 'neuronal data' at a distance." (Blakemore, 2003,) This certitude is at distinct variance with the fears of other scientists in Russia and the United States, and not least of all with the fears of the French neuroscientist, Jean-Pierre Changeux of the French National Bioethics Committee already quoted (see page 5). It is also very much at odds with the writing of Dr Michael Persinger from the Behavioural Neuroscience Laboratory at Laurentian University in Sudbury, Ontario, Canada. His article "On the Possibility of Directly Accessing Every Human Brain by Electromagnetic Induction of Algorithms" (1995), he describes the ways that individual differences among human brains can be overcome and comes to a conclusion about the technological possibilities of influencing a major part of the approximately six billion people on this planet without mediation through classical sensory modalities but by generating electromagnetic induction of fundamental algorithms in the atmosphere. Dr Persinger's work is referred to by Captain John Tyler whose work for the American Air Force and Aerospace programmes likens the human nervous system to a radio receiver. (1990)

Very recently the leading weekly cultural BBC radio review had as one of its guests, the eminent astro-physicist and astronomer royal, Sir Martin Rees, who has recently published a book, "Our Final Century", in which he makes a sober and reasoned case for the fifty-fifty chance that millions of people, probably in a 'third-world country' could be wiped out in the near future through biotechnology and bio-terrorism – "by error or malign release." He spoke of this devastation as possibly coming from small groups or cults, based in the United States. "...few individuals with the right technology to cause absolute mayhem." He also said that in this century, human nature is no longer a fixed commodity, that perhaps we should contemplate the possibility that humans would even have implants in the brain.

The other guests on this programme were both concerned with Shakespeare, one a theatre producer and the other a writer on Shakespeare, while his remaining guest was a young woman who had a website called "Spiked", the current theme of which was Panic Attack, that is to say, Attack on Panic. This guest vigorously opposed what she felt was the pessimism of Sir Martin, regarding his ideas as essentially eroding trust, and inducing panic. This reaction seems to typify one way of dealing with threat and anxiety, and demonstrates the difficulty that a warning voice, even from a man of the academic distinction of Martin Rees, has in alerting people to that which they do not want to hear. This flight reaction was reinforced by the presenter who summed up the morning's discussion at the end of the programme with the words: "We have a moral! Less panic, more Shakespeare!"

The New Barbarism

Since access to a mind-reading machine will enable the operator to access the ideas of another person, we should prepare ourselves for a new world order in which ideas will be, as it were, up for grabs. We need not doubt that the contents of another's mind will be scooped up, scooped out, sorted through as if the event was a jumble sale. The legal profession would therefore be well advised to consider the laws on Intellectual Property very judiciously in order to acquit themselves with any degree of authenticity. We should accustom ourselves to the prospect of recognizing our work coming out of the mouth of another. The prospect of wide-scale fraud, and someone posturing in your stolen clothes will not be a pretty sight. The term "personal mind enhancement" is slipping in through the back door, to borrow a term used by the Co-Director of the Center for Cognitive Liberty and Ethics, and it is being done through technologically-induced mental co-ercion – mind raping and looting. In place of, or in addition to, cocaine, we may expect to see 'mind-enhanced' performances on "live" television.

The brave new science of neuropsychiatry and brain mapping hopes to find very soon, with the fMRI scanner – this "brand new toy that scientists have got their hands on" – "the blob for love" and "the blob for guilt", (BBC Radio 4: All in the Mind, 5 March, 2003). Soon we will be able to order a brain scan for anyone whose behaviour strikes us as odd or bizarre, and the vicissitudes of a life need no longer trouble us in our diagnostic assessments. In his recent Reith Lectures for the BBC (2003), Professor Ramachandran, the celebrated neuroscientist from the La Jolla Institute in San Diego, California, has demonstrated for us many fascinating things that the brain can do. He has talked to us about personality disorders and shown that some patients, who have suffered brain damage from head injury, do not have the capacity to recognise their mothers. Others feel that they are dead. And indeed he has found brain lesions in these people. In what seems to be an enormous but effortless leap, the self-styled "kid in a candy store" is now hoping to prove that all schizophrenics, have damage to the right hemisphere of the brain, which results in the inability to distinguish between fantasy (sic) and reality. Since Professor Ramachandran speaks of schizophrenia in the same breath as denial of illness, or *agnosia*, it is not clear, and it would be interesting to know, whether the person with the head injury has been aware or unaware of the head

injury. Also does the patient derive comfort and a better chance at reality testing when he is told of the lesion? Does he feel better when he has received the diagnosis? And what should the psychoanalysts – and the psychiatrists, – feel about all those years of treating people of whose head injuries they were absolutely unaware? Was this gross negligence? Were we absolutely deluded in perceiving recovery in a sizeable number of them?

It is, however, lamentable that a neuroscientist with a professed interest in understanding schizophrenia should seek to provide light relief to his audience by making jokes about schizophrenics being people who are "convinced that the CIA has implanted devices in their brain to control their thoughts and actions, or that aliens are controlling them." (Reith Lecture, No 5, 2003).

There is a new desire for **concretisation**. The search for meaning has been replaced by the need for hard proof. If it doesn't light up or add up it doesn't have validity. The physician of the mind has become a surgeon. "He found a lump as big as a grapefruit!"

Facing up to the Dread and Fear of the Uncanny

Freud believed that an exploration of the uncanny would be a major direction of exploration of the mind in this century. The fear of the uncanny has been with us for a very long time. The evil eye, or the terrifying double, or intruder, is a familiar theme in literature, notably of Joseph Conrad in *The Secret Sharer*, and Maupassant's short story, *Le Horla*. Freud's analysis of the uncanny led him back to the old animistic conception of the universe: "...it seems as if each one of us has been through a phase of individual development corresponding to the animistic phase in primitive men, that none of us has passed through it without preserving certain residues and traces of it which are still capable of manifesting themselves, and that everything which now strikes us as 'uncanny' fulfils the condition of touching those residues of animistic mental activity within us and bringing them to expression." (Freud: 1919. p.362)

The separation of birth, and the childhood fear of 'spooks in the night', also leave their traces in each and every one of us. The individual experience of being alone in one's mind – the solitary fate of man which has never been questioned before, and upon which the whole history of civilised nurture is based – is now assaulted head-on. Since growing up is largely synonymous with acceptance of one's aloneness, the effort to assuage it is the basis for compassion and protection of others; it is the matrix for the greatest good, that of ordinary human kindness, and is at the heart of the communicating power of great art. Even if we must all live and die alone, we can at least share this knowledge in acts of tenderness which atone for our lonely state. In times of loss and mental breakdown, the starkness of this aloneness is all too clear. The best of social and group constructiveness is an effort to allay the psychotic anxieties that lie at the base of every one of us, and which may be provoked under extreme enough conditions.

The calculated and technological entry into another person's mind is an act of monumental barbarism which obliterates – perhaps with the twiddling of a dial – the history and civilisation of man's mental development. It is more than an abuse of human rights, it is the destruction of meaning. For any one who is forced into the hell of living with an unseen mental rapist, the effort to stay sane is beyond the scope of tolerable endurance. The imaginative capacity of the ordinary mind cannot encompass the horror of it. We have attempted to come to terms with the experiments of the Nazis in concentration camps. We now have the prospect of systematic control authorised by men who issue instructions through satellite communications for the destruction of societies while they are driving new Jaguars and Mercedes, and going to the opera.

This is essentially about humiliation, and disempowerment. It is a manifestation of rage acted out by those who fear impotence with such dread, that their whole effort is directed into the emasculation and destruction of the terrifying rival of their unconscious fantasies. In this apocalypse of the mind the punitive figure wells up as if out of the bowels of the opera stage, and this phantasmagoria is acted out on a global scale. These men may be mad enough to believe they are creating a 'psychocivilised world order'. For anyone who has studied damaged children, it is more resonant of the re-enactment from the unconscious, reinforced by a life devoid of the capacity for empathic identification, of the obscenities of the abused and abusing child in the savage nursery. Other people – which were to them like Action Man toys to be dismembered, or Barbie Dolls to be obscenely defiled – become as meaningless in their humanity as pixillated dots on a screen.

Although forced entry into a mind is by definition obscene, an abbreviated assessment of the effects that mind-invaded people describe testifies to the perverted nature of the experiments. Bizarre noises are emitted from the body, a body known well enough by its owner to recognise the noises as extrinsic; air is pumped in and out of orifices as if by a bicycle pump. Gradually the repertoire is augmented – twinges and spasms to the eyes, nose, lips, strange tics, pains in the head, ringing in the ears, obstructions in the throat, pressure on the bowel and bladder causing incontinence; tingling in the fingers, feet, pressures on the heart, on breathing, dizziness, eye problems leading to cataracts; running eyes, running nose; speeding up of heart beats and the raising of pressure in the heart and chest; breathing and chest complaints leading to bronchitis and deterioration of the lungs; agonizing migraines; being woken up at night, sometimes with terrifying jolts; insomnia; intolerable levels of stress from the loss of one's privacy. This collection of assorted symptoms is a challenge to any medical practitioner to diagnose.

There are, more seriously, if the afore-going is characterised as non-lethal, the potential lethal effects since the capability of ultrasound and infra-sound to cause cardiac arrest, and brain lesions, paralysis and blindness, as well as blinding by laser beam, or inducing asphyxia by altering the frequencies which control breathing in the brain, epileptic seizure – all these and others may be at the fingertips of those who are developing them. And those who do choose to use them may be sitting with the weapon, which resembles, say, a compact mobile telephone, on the restaurant table next to the bottle of wine, or beside them at the swimming pool.

Finally – if the victims at this point in the new history of this mind-control, cannot yet prove their abuse, it must be asserted that, faced with the available information about technological development – it is certainly not possible for those seeking to evade such claims – to *disprove* them. To wait until the effects become widespread will be too late.

- For these and other reasons which this paper has attempted to address, we would call for an acknowledgement of such technology at a national and international level. Politicians, scientists and neurologists, neuroscientists, physicists and the legal profession should, without further delay, demand public debate on the existence and deployment of psychotronic technology; and for the declassification of information about such devices which abuse helpless people, and threaten democratic freedom.
- Victims' accounts of abuse should be admitted to public account, and the use of psycho-electronic weapons should be made illegal and criminal,
- The medical profession should be helped to recognise the symptoms of mind-control and psychotronic abuse, and intelligence about their deployment should be declassified so that this abuse can be seen to be what it is, and not interpreted automatically as an indication of mental illness.

If, in the present confusion and insecurity about the search for evidence of weapons of mass destruction, we conclude that failure to locate them – whatever the truth of the matter – encourages us to be generally complacent, then we shall be colluding with very dark forces at work if we conclude that a course of extreme vigilance signifies paranoia. For there may well be other weapons of mass destruction being developed and not so far from home; weapons which, being even more difficult to locate, are developed invisibly, unobstructed, unheeded in our midst, using human beings as test-beds. Like ESP, the methods being used on humans have not been detectable using conventional detection equipment. It is likely that the signals being used are part of a physics not known to scientists without the highest level of security clearance. To ignore the evidence of victims is to deny, perhaps with catastrophic results, the only evidence which might otherwise lead the defenders of freedom to becoming alert to the development of a fearful new methods of destruction. Manipulating terrorist groups and governments alike, these sinister and covert forces may well be very thankful for the

professional derision of the victims, and for public ignorance.

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Intrusive Brain Reading Surveillance Technology: Hacking the Mind

By [Carole Smith](#)

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"Carole Smith describes claims that neuroscientists are developing brain scans that can read people's intentions in the absence of serious discussions about the ethical issues this raises, despite the fact that the research has been backed by government in the UK and US."

"We need a program of psychosurgery for political control of our society. The purpose is physical control of the mind. Everyone who deviates from the given norm can be surgically mutilated."

The individual may think that the most important reality is his own existence, but this is only his personal point of view. This lacks historical perspective. Man does not have the right to develop his own mind. This kind of liberal orientation has great appeal. We must electronically control the brain. Someday armies and generals will be controlled by electric stimulation of the brain.

Dr José Delgado. Director of Neuropsychiatry, Yale University Medical School Congressional Record, No. 26, Vol. 118 February 24, 1974.

The *Guardian* newspaper, that defender of truth in the United Kingdom, published an article by the Science Correspondent, Ian Sample, on 9 February 2007 entitled:

'The Brain Scan that can read people's intentions', with the sub-heading: 'Call for ethical debate over possible use of new technology in interrogation'.

"Using the scanner, we could look around the brain for this information and read out something that from the outside there's no way you could possibly tell is in there. It's like shining a torch around, looking for writing on a wall", the scientists were reported as saying.

At the same time, London's Science Museum was holding an exhibition entitled 'Neurobotics: The Future of Thinking'. This venue had been chosen for the launch in October 2006 of the news that human thoughts could be read using a scanner. Dr Geraint Rees' smiling face could be seen in a photograph at the Neurobotics website^[1], under the heading "The Mind Reader". Dr Rees is one of the scientists who have apparently cracked the problem which has preoccupied philosophers and scientists since before Plato: they had made entry into the conscious mind. Such a reversal of human historical evolution, announced in such a pedestrian fashion, makes one wonder what factors have been in play, and what omissions made, in getting together this show, at once banal and extraordinary. The announcement arrives as if out of a vacuum. The neuroscientist – modern-style hunter-gatherer of information and darling of the "Need to Know" policies of modern government – does little to explain how he achieved this goal of entering the conscious mind, nor does he put his work into any historical context. Instead, we are asked in the Science Museum's programme notes:

How would you feel if someone could read your innermost thoughts? Geraint Rees of UCL says he can. By using brain-imaging technology he's beginning to decode thought and explore the difference between the conscious and unconscious mind. But how far will it go? And shouldn't your thoughts remain your personal business?

If Dr Rees has decoded the mind sufficiently for such an announcement to be made in an exhibition devoted to it, presumably somewhere is the mind which has been, and is continuing to be, decoded. He is not merely continuing his experiments using functional magnetic resonance scanning (fMRI) in the way neuroscientists have been observing their subjects under scanning devices for years, asking them to explain what they feel or think while the scientists watch to see which area lights up, and what the cerebral flow in the brain indicates for various brain areas. Dr Rees is decoding the mind in terms of conscious and unconscious processes. For that, one must have accessed consciousness itself. Whose consciousness? Where is the owner of that consciousness – and unconsciousness? How did he/she feel? Why not ask them to tell us how it feels, instead of asking us.

The Neurobotics Exhibition was clearly set up to make these exciting new discoveries an occasion for family fun, and there were lots of games for visitors to play. One gets the distinct impression that we are being softened up for the introduction of radical new technology which will, perhaps, make the mind a communal pool rather than an individual possession. Information technology seeks to connect us all to each other in as many ways as possible, but also, presumably, to those vast data banks which allow government control not only to access all information about our lives, but now also to our thoughts, even to our unconscious processing. Does anyone care?

One of the most popular exhibits was the 'Mindball' game, which required two players to go literally head-to-head in a battle for brainpower, and used 'brainpower' alone. Strapped up with headbands which pick up brain waves, the game uses neurofeedback, but the person who is calm and relaxed wins the game. One received the impression that this calmness was the spirit that the organisers wished to reinforce, to deflect any undue public panic that might arise from the news that private thoughts could now be read with a scanner.^[2] The ingress into the mind as a private place was primarily an event to be enjoyed with the family on an afternoon out:

Imagine being able to control a computer with only the power of your mind. Or read people's thoughts and know if they're lying. And what if a magnetic shock to the brain could make you more creative...but should we be able to engineer our minds?

Think your thoughts are private? Ever told a lie and been caught red-handed? Using brain-scanning technology, scientists are beginning to probe our minds and tell if we're lying. Other scientists are decoding our desires and exploring the difference between our conscious and unconscious mind. But can you really trust the technology?

Other searching questions are raised in the program notes, and more games:

Find out if you've got what it takes to be a modern-day spy in this new interactive family exhibition. After being recruited as a trainee spy, explore the skills and abilities required by real agents and use some of the latest technologies that help spies gather and analyse information. Later go on and discover what it's like to be spied upon. Uncover a secret store of prototype gadgets that give you a glimpse into the future of spy technologies and finally use everything you've learnt to escape before qualifying as a fully-fledged agent!

There were also demonstrations of grateful paraplegics and quadriplegics showing how the gods of science have so unselfishly liberated them from their prisons: this was the serious Nobel Prize side of the show. But there was no-one representing Her Majesty's

government to demonstrate how these very same devices^[3] can be used quite freely, and with relative ease, in our wireless age^[4], to conduct experiments on free-ranging civilians tracked anywhere in the world, and using an infinitely extendable form of electrode which doesn't require visible contact with the scalp at all. Electrodes, like electricity, can also take an invisible form – an electrode is a terminal of an electric source through which electrical energy or current may flow in or out. The brain itself is an electrical circuit. Every brain has its own unique resonating frequency. The brain is an infinitely more sensitive receiver and transmitter than the computer, and even in the wireless age, the comprehension of how wireless networks operate appears not to extend to the workings of the brain. The monotonous demonstration of scalps with electrodes attached to them, in order to demonstrate the contained conduction of electrical charges, is a scientific fatuity, in so far as it is intended to demonstrate comprehensively the capability of conveying charges to the brain, or for that matter, to any nerve in the body, as a form of invisible torture.

As Neurobotics claims: 'Your brain is amazing', but the power and control over brains and nervous systems achieved by targeting brain frequencies with radiowaves must have been secretly amazing government scientists for many years. The problem that now arises, at the point of readiness when so much has been achieved, is how to put the technology into action in such a way, as it will be acceptable in the public domain. This requires getting it through wider government and legal bodies, and for that, it must be seen to spring from the unbiased scientific investigations into the workings of the brain, in the best tradition of the leading universities. It is given over to Dr Rees and his colleague, Professor Haynes, endowed with the disclosure for weightier *Guardian* readers, to carry the torch for the government. Those involved may also have noted the need to show the neuroscientist in a more responsible light, following US neuroengineer for government sponsored Lockheed Martin, John Norseen's, ingenious comment, in 2000, about his belief about the consequences of his work in fMRI:

'If this research pans out', said Norseen, 'you can begin to manipulate what someone is thinking even before they know it.' And added: "The ethics don't concern me, but they should concern someone else."

While the neuroscientists report their discovery (without even so much as the specific frequency of the light employed by this scanner/torch), issuing ethical warnings while incongruously continuing with their mind-blowing work, the government which sponsors them, remains absolutely mute. The present probing of people's intentions, minds, background thoughts, hopes and emotions^[5] is being expanded into the more complex and subtle aspects of thinking and feeling. We have, however, next to no technical information about their methods. The description of 'shining a torch around the brain' is as absurd a report as one could read of a scientific endeavour, especially one that carries such enormous implications for the future of mankind. What is this announcement, with its technical obfuscation, preparing us for?

Writing in *Wired*^[6] contributing editor Steve Silberman points out that the lie-detection capability of fMRI is 'poised to transform the security system, the judicial system, and our fundamental notions of privacy'. He quotes Cephos founder, Steven Laken, whose company plans to market the new technology for lie detection. Laken cites detainees held without charge at Guantanamo Bay as a potential example. 'If these detainees have information we haven't been able to extract that could prevent another 9/11, I think most Americans would agree that we should be doing whatever it takes to extract it'. Silberman also quotes Paul Root Wolpe, a senior fellow at the Center for Bioethics at the University of Pennsylvania, who describes the accelerated advances in fMRI as 'a textbook example of how something can be pushed forward by the convergence of basic science, the government directing research through funding, and special interests who desire a particular technology'. Are we to believe that with the implied capability to scan jurors' brains, the judiciary, the accused and the defendant alike, influencing^[7] one at the expense of the other, that the legal implications alone of mind-accessing scanners on university campuses, would not rouse the Minister for Justice from his bench to say a few words about these potential mind weapons?

So what of the ethical debate called for by the busy scientists and the *Guardian*'s science reporter?^[8] Can this technology- more powerful in subverting thought itself than anything in prior history – really be confined to deciding whether the ubiquitously invoked terrorist has had the serious intention of blowing up the train, or whether it was perhaps a foolish prank to make a bomb out of chapatti flour? We can assume that the government would certainly not give the go-ahead to the Science Museum Exhibition, linked to Imperial College, a major government-sponsored institution in laser-physics, if it was detrimental to surveillance programs. It is salutary to bear in mind that government intelligence research is at least ten years ahead of any public disclosure. It is implicit from history that whatever affords the undetectable entry by the gatekeepers of society into the brain and mind, will not only be sanctioned, but funded and employed by the State, more specifically by trained operatives in the security forces, given powers over defenceless citizens, and unaccountable to them.^[9]

The actual technology which is now said to be honing the technique 'to distinguish between passing thoughts and genuine intentions' is described by Professor John-Dylan Haynes in the *Guardian* in the most disarmingly untechnical language which must surely not have been intended to enlighten.

The *Guardian* piece ran as follows:

A team of world-leading neuroscientists has developed a powerful technique that allows them to look deep inside a person's brain and read their intentions before they act.

The research breaks controversial new ground in scientists' ability to probe people's minds and eavesdrop on their thoughts, and raises serious ethical issues over how brain-reading technology may be used in the future.

'Using the scanner, we could look around the brain for this information and read out something that from the outside there's no way you could possibly tell is in there. It's like shining a torch around, looking for writing on a wall,' said John-Dylan Haynes at the Max Planck Institute for Human Cognitive and Brain Sciences in Germany, who led the study with colleagues at University College London and Oxford University.

We know therefore that they are using light, but fMRI has been used for many years to attempt the unravelling of neuronal activity, and while there have been many efforts to record conscious and unconscious processes, with particular emphasis on the visual cortex, there has been no progress into consciousness itself. We can be sure that we are not being told the real story.

Just as rats and chimpanzees have been used to demonstrate findings from remote experiments on humans, electrode implants used on cockroaches to remotely control them, lasers used to steer fruit-flies^[10] ^[11], and worms engineered so that their nerves and muscles can be controlled with pinpricks of light^[12], the information and techniques that have been ruthlessly forged using opportunistic onslaughts on defenceless humans as guinea pigs – used for myriad purposes from creating 3D haptic gloves in computer games to creating artificial intelligence to send visual processing into outer space – require appropriate replication for peer group approval and to meet ethical demands for scientific and public probity.

The use of light to peer into the brain is almost certainly that of terahertz, which occurs in the wavelengths which lie between 30mm and 1mm of the electromagnetic spectrum. Terahertz has the ability to penetrate deep into organic materials, without (it is said) the damage associated with ionising radiation such as x-rays. It can distinguish between materials with varying water content – for example fat versus lean meat. These properties lend themselves to applications in process and quality control as well as biomedical imaging. Terahertz can penetrate bricks, and also human skulls. Other applications can be learnt from the major developer of terahertz in the UK, Teraview, which is in Cambridge, and partially owned by Toshiba.

Efforts to alert human rights' groups about the loss of the mind as a place to call your own, have met with little discernible reaction, in spite of reports about over decades of the dangers of remote manipulation using technology to access the mind^[13], Dr Nick Begich's

book, *Controlling the human mind* [14], being an important recent contribution. A different approach did in fact, elicit a response. When informed of the use of terahertz at Heathrow and Luton airports in the UK to scan passengers, the news that passengers would be revealed naked by a machine which looked directly through their clothes produced a small, but highly indignant, article in the spring 2007 edition of the leading human rights organisation, Liberty. [15] If the reading of the mind met with no protest, seeing through one's clothes certainly did. It seems humans' assumption of the mind as a private place has been so secured by evolution that it will take a sustained battle to convince the public that, through events of which we are not yet fully informed, such former innocence has been lost.

Trained light, targeted atomic spectroscopy, the use of powerful magnets to absorb moisture from human tissues, the transfer of radiative energy – these have replaced the microwave harassment which was used to transmit auditory messages directly into the hearing. [16] With the discovery of light to disentangle thousands of neurons and encode signals from the complex circuitry of the brain, present programs will not even present the symptoms which simulated schizoid states. Medically, even if terahertz does not ionise, we do not yet know how the sustained application of intense light will affect the delicate workings of the brain and how cells might be damaged, dehydrated, stretched, obliterated.

This year, 2007, has also brought the news that terahertz lasers small enough to incorporate into portable devices had been developed. [17]

Sandia National Laboratories in the US in collaboration with MIT have produced a transmitter-receiver (transceiver) that enables a number of applications. In addition to scanning for explosives, we may also assume their integration into hand-held communication systems. 'These semiconductor devices have output powers which previously could only be obtained by molecular gas lasers occupying cubic meters and weighing more than 100kg, or free electron lasers weighing tons and occupying buildings.' As far back as 1996 the US Air Force Scientific Advisory Board predicted that the development of electromagnetic energy sources would 'open the door for the development of some novel capabilities that can be used in armed conflict, in terrorist/hostage situations, and in training' and 'new weapons that offer the opportunity of control of an adversary ... can be developed around this concept'. [18]

The surveillance technology of today is the surveillance of the human mind and, through access to the brain and nervous system, the control of behaviour and the body's functions. The messaging of auditory hallucinations has given way to silent techniques of influencing and implanting thoughts. The development of the terahertz technologies has illuminated the workings of the brain, facilitated the capture of emitted photons which are derived from the visual cortex which processes picture formation in the brain, and enabled the microelectronic receiver which has, in turn, been developed by growing unique semi-conductor crystals. In this way, the technology is now in place for the detection and reading of spectral 'signatures' of gases. All humans emit gases. Humans, like explosives, emit their own spectral signature in the form of a gas. With the reading of the brain's electrical frequency, and of the spectral gas signature, the systems have been established for the control of populations – and with the necessary technology integrated into a cell-phone.

'We are very optimistic about working in the terahertz electromagnetic spectrum,' says the principal investigator of the Terahertz Microelectronics Transceiver at Sandia: 'This is an unexplored area, and a lot of science can come out of it. We are just beginning to scratch the surface of what THz can do to improve national security'.

Carole Smith was born and educated in Australia, where she gained a Bachelor of Arts degree at Sydney University. She trained as a psychoanalyst in London where she has had a private practice. In recent years she has been a researcher into the invasive methods of accessing minds using technological means, and has published papers on the subject. She has written the first draft of a book entitled: "The Controlled Society".

NOTES

[1] <http://www.sciencemuseum.org.uk/antenna/neurobotics/private/121.asp>

At the time of writing it is still accessible. The exhibition ran from October 2006 to April 2007.

[2] Where are the scanners? Who controls them? Are they guarded by police to avoid them being stolen by terrorists? How many are they in number? Are they going into mass production? Do we have any say about their deployment? It is perhaps not unduly paranoid to want to have some answers to these questions.

[3] There is insufficient space here to deal with microchips, the covert implantation of radio transmitting devices which were referred to in Senator Glenn's extraordinary speech to Congress on the occasion of his attempt to introduce the *Human Research Subject Protection Act* in 1997:

<http://www.ahrp.org/InformedConsent/glennConsent.php>

[4] Ref: The Coming Wireless revolution: When Everything Connects: *The Economist*: 26 April 2007.

http://www.economist.com/opinion/PrinterFriendly.cfm?story_id=9080024

[5] *Guardian*: 'The Brain Scan that can read people's intentions': 9 February 2007. www.guardian.co.uk/frontpage/story/0,2009229,00.html

[6] http://www.wired.com/wired/archive/14.01/lying_pr.html

[7] I say, 'influencing', advisedly since the technology that enables thoughts to be accessed, certainly also allows for the dulling of mental processes, the interference of memory, the excitation of mental or bodily processes, the infliction of pain on any organ or nerve, the increase of blood pressure, breathing or the slowing down of these, as well as the activation of rage, sadness, hysteria, or inappropriate behaviour. Ref: John Norseen's work: *Images of Mind: The Semiotic Alphabet*. The implantation of silent messages, experienced as thoughts arising in the mind, is now possible.

[8] Despite three letters to the *Guardian* science correspondent, and Editor, I had no reply from them, having asked them to consider my points, as psychoanalyst and researcher, for the ethical debate which was called for. Nor was there any response from my approach to the Cambridge ethicists and scientists who were said to be forming a committee. I have seen no correspondence nor reference to the whole matter since February, 2007. There was some marked regression in the *New Scientist* about worms being used for experiments for remote control

See: Douglas Fox, 'Remote Control Brains: a neuroscience revolution', *New Scientist*, 18 July 2007.

[9] The covert action group in the newly formed CIA recommended to President Eisenhower in 1954 that the US must pursue "a fundamentally repugnant philosophy", and that they must learn to "subvert, sabotage and destroy" its enemies by "more clever and more ruthless methods" than those of its opponents:

Ref: James Doolittle et al: "The Central Intelligence Agency: History and Documents (Univ. Alabama Press, 1984.

[10] Fruit flies share to a remarkable degree, the DNA of humans.

[11] Fruit Flies and You: NASA sends fruit flies into Space:

http://science.nasa.gov/headlines/y2004/03feb_fruitfly.htm

[12] Ref: *New Scientist*, 18 July 2007: 'Remote Control Brains: a neuroscience revolution':

http://www.science.org.au/nova/newscientist/040ns_003.htm

[13] See author's paper: http://www.btinternet.com/~psycho_social/Vol3/V3.html

[14] Nick Begich, *Controlling the human mind: the technologies of political control or tools for peak performance*, Earthpulse Press Publications.

[15] Liberty, and Lawyers for Liberty have staunchly maintained a thorough-going campaign against the protracted government plan to issue biometric ID cards, taking the case to the House of Lords where they have gained support. In view of the undisclosed work being carried out which will enable direct access to the brain through the technology coming to light, and using light, one cannot but suspect that the biometric ID card is but an adjunct to the tracking and data sourcing of citizens, and as such has fulfilled the function of a very effective smokescreen, having deflected the energies of the protectors of individual liberties in terms of thousands of hours of concentrated protest effort, with enormous expenditure spent on their campaign.

[16] Human subjects, once computers for research experiments program them, remain targeted, even if the original reasons for their usage have become obsolete. Some have been continuously abused for over thirty years.

[17] Thz Lasers Small Enough for Screening Devices:

www.photonics.com/content/news/2007/February/7/86317.aspx

http://www.whatsnextnetwork.com/technology/index.php/2007/01/23/miniaturized_terahertz_transmitter_recei

[18] <http://www.au.af.mil/au/awc/awcgate/vistas/vistas.htm>

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<http://thebulletin.org/neuroweapons-threat9494>

The neuroweapons threat

James Giordano

James Giordano

James Giordano is a professor of neurology, chief of the Neuroethics Studies Program, and co-director of the O'Neill-Pellegrino Program in Brain Science and Global Health Law and Policy at...

Nearly two years ago, Juliano Pinto, a 29-year-old paraplegic man, **kicked off the World Cup in Brazil** with the help of a brain-interface machine that allowed his thoughts to control a robotic exoskeleton. Audiences watching Pinto make his gentle kick, aided as he was by helpers and an elaborate rig, could be forgiven for not seeing much danger in the thrilling achievement. Yet like most powerful scientific breakthroughs, neurotechnologies that allow brains to control machines—or machines to read or control brains—inevitably bring with them the threat of weaponization and misuse, a threat that existing UN conventions designed to limit biological and chemical weapons do not yet cover and which ethical discussions of these new technologies tend to give short shrift. (It may seem like science fiction, but according to a September 2015 **article** in *Foreign Policy*, “The same brain-scanning machines meant to diagnose Alzheimer’s disease or autism could potentially read someone’s private thoughts. Computer systems attached to brain tissue that allow paralyzed patients to control robotic appendages with thought alone could also be used by a state to direct bionic soldiers or pilot aircraft. And devices designed to aid a deteriorating mind could alternatively be used to implant new memories, or to extinguish existing ones, in allies and enemies alike.”)

Despite the daunting complexity of the task, it’s time for the nations of the world to start closing these legal and ethical gaps—and taking other security precautions—if they hope to control the neuroweapons threat.

The technology on display in São Paulo, pioneered by Miguel Nicolelis of Duke University, exhibited the growing capability of neurorobotics—the study of artificial neural systems. The

medical benefits for amputees and other patients are obvious, yet the power to read or manipulate human brains carries with it more nefarious possibilities as well, foreshadowing a bold new chapter in the long history of psychological warfare and opening another front in the difficult struggle against the proliferation of exceptionally dangerous weapons.

The full range of potential neuroweapons covers everything from stimulation devices to artificial drugs to natural toxins, some of which have been studied and used for decades, including by militaries. Existing conventions on biological and chemical weapons have limited research on, and stockpiling of, certain toxins and “neuro-microbiologicals” (such as ricin and anthrax, respectively), while other powerful substances and technologies—some developed for medical purposes and readily available on the commercial market—remain ungoverned by existing international rules. Some experts also worry about an ethics lag among scientists and researchers; as the September 2015 *Foreign Policy* article pointed out, a 200-page report put out last spring on the ethics of the Obama administration’s BRAIN Initiative didn’t once mention “dual use” or “weaponization.” In America, federally funded medical research with potential military applications can be regulated by Dual-Use Research of Concern policies at the National Institutes of Health, which reflect the general tenor of the Biological and Toxin Weapons Convention and the Chemical Weapons Convention. Yet these policies do not account for research in other countries, or research undertaken (or underwritten) by non-state actors, and might actually create security concerns for the United States should they cause American efforts to lag behind those of other states hiding behind the excuse of health research or routine experimentation, or commercial entities sheltered by industry norms protecting proprietary interests and intellectual property.

In addition to a more robust effort on the part of scientists to better understand and define the ethics of neuroscience in this new era, one obvious solution to the neuroweapons threat would be progress on the bioweapons convention itself. In preparation for the biological weapons convention’s Eighth Review Conference at the end of this year, member states should establish a clearer view of today’s neuroscience and neurotechnology, a better understanding of present and future capabilities, and a realistic picture of emerging threats. They should also revise the current definitions of what constitutes a bioweapon, and what is weaponizable, and set up criteria to more accurately assess and analyze neuroscience research and development going forward.

I would also argue that the United States and its allies should take the proper security precautions in the form of increased surveillance of neuroscience R&D around the world. As a preliminary measure, government monitors can develop a better understanding of the field by paying attention to “tacit knowledge”—the unofficial know-how that accumulates among individuals in labs and other venues where a particular science is practiced or studied. (For more on tacit knowledge and arms control, see Sonia Ben Ouagrham-Gormley’s recent *Bulletin* [article](#) about its crucial importance for the bioweapons convention.) In a similar vein, authorities should also follow the neuroscience literature in an effort to assess trends, gauge progress, and profile emerging tools and techniques that could be enlisted for weaponization.

Of course these are only preliminary measures, easily stymied by proprietary restrictions in the case of commercial research and state-secret classifications in the case of government work. Thus deeper surveillance will require a wider effort to collect intelligence from a variety of sources and indicators, including university and industrial programs and projects that have direct dual-use applications; governmental and private investment in, and support of, neuroscience and neurotech R&D; researchers and scholars with specific types of knowledge and skills; product and device commercialization; and current and near-term military postures regarding neurotechnology. This type of surveillance, while requiring more nuanced and more extensive investigations, could produce highly valuable empirical models to plot realistic possibilities for the near future of neuroscience and neurotechnology. These could then be used to better anticipate threats and create contingency plans.

It’s important to note the danger of this type of surveillance as well. As a 2008 [report](#) by the National Academies in Washington warned, increased surveillance could lead to a kind of arms race, as nations react to new developments by creating countering agents or improving upon one another’s discoveries. This could be the case not only for incapacitating agents and devices but also for performance-enhancing technologies. As a 2014 [report](#) by the National Academies readily acknowledged, this type of escalation is a realistic possibility with the potential to affect international security.

The United States and its allies should therefore be cautious if they deem it necessary to establish this kind of deep surveillance. And on the international front, they should simultaneously support efforts to improve the Biological Weapons Convention to account for neuroweapons threats in the offing.

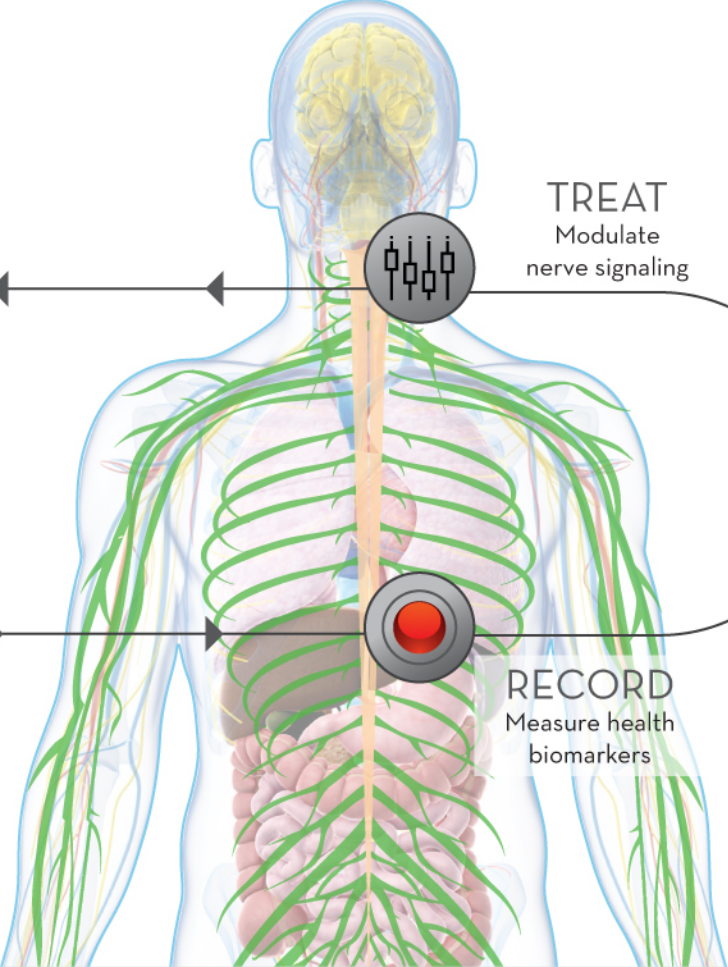
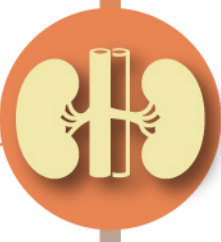
Finally, they should keep in mind just how hard it is to regulate neuroscience and neurotechnology during this time of great discovery and expansion. Ethical ideals can be developed to shape guidelines and policies that are sensitive to real-world scenarios, but the flexibility of these approaches also means that they are not conclusive. Those charged with monitoring potential threats must be constantly vigilant in the face of changing technologies and fuzzy distinctions between medical and military uses, all while navigating the complexities of the health-care industry, political and military ethics, and international law. In light of the work ahead, it remains to be seen just how well the nations of the world will rally to face the neuroweapons threat.

Author's note: The views expressed in this article do not necessarily reflect those of DARPA, the Joint Staff, or the United States Department of Defense.

NERVOUS SYSTEM

ORGANS

PHYSIOLOGICAL
HEALTH STATUS



TREAT
Modulate
nerve signaling

DIAGNOSE
Prescribe therapeutic
stimuli

RECORD
Measure health
biomarkers

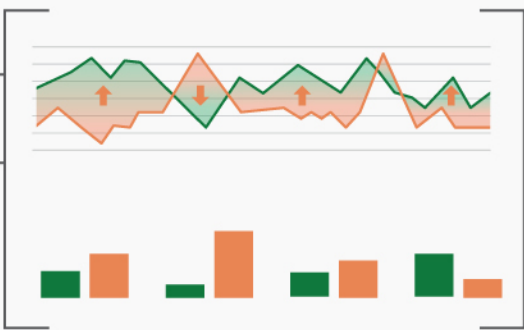
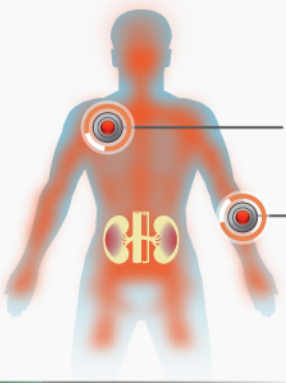
ARTIST'S CONCEPT

GOALS

Develop new high-precision, minimally invasive technologies for monitoring and regulating peripheral nerve signals to adaptively control organ functions

RECORD — Measure health biomarkers

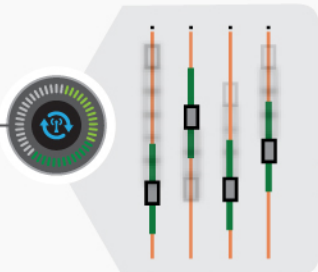
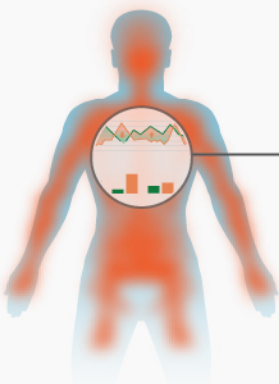
ORGANS — PHYSIOLOGICAL HEALTH STATUS



● ACTUAL
● HEALTHY BASELINE

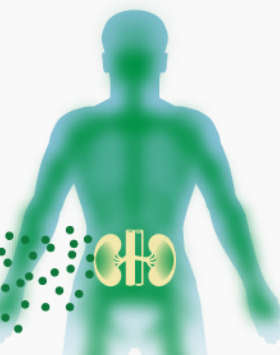
DIAGNOSE — Prescribe therapeutic stimuli

NERVOUS SYSTEM — ORGANS



TREAT — Modulate nerve signaling

PHYSIOLOGICAL HEALTH STATUS — NERVOUS SYSTEM



RECORD

Measure health biomarkers

Physiological health status would be monitored continuously through recordings of peripheral nerve activity and biomolecules

DIAGNOSE

Prescribe therapeutic stimuli

Health status would be evaluated against healthy baseline levels to diagnose unhealthy activity and prescribe appropriate therapeutic stimuli

TREAT

Modulate nerve signaling

Therapeutic stimuli would be delivered to peripheral nerves, modulating cell and organ function to restore healthy status



DARPA Jolts the Nervous System With Electricity, Lasers, Sound Waves, and Magnets

from the what-could-possibly-go-wrong dept.

[the_newsbeagle](#) writes:

DARPA is sinking some cash into the buzzy new research field of "[electroceuticals](#)," which involves stimulating nerves to control the activity of organs or bodily systems. The newest techniques have little in common with [electroshock therapy](#), which sends a strong current broadly through the brain tissue; today's cutting-edge methods can target individual neurons, and turn them "on" and "off" with great precision. Under DARPA's new [ElectRx](#) program, [seven research teams will explore different ways](#) to modulate activity of the peripheral nervous system. Some will stimulate neurons directly with electricity, while others will take more roundabout routes involving light, acoustics, and magnetic fields.

Posted by [Soulskill](#) October 6th, 2015 8:11PM [Archived]

[biotech](#) [brain](#) [electrx](#) [electroshock](#) [nervoissystem](#)



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★★★★★

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Game of War
Games
★★★★★

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All	Outstanding	Funny
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To be used for new torture techniques? (+2)

[Ellis D. Tripp](#) October 6th, 2015 8:23PM

Maybe MK-Ultra brought into the digital age?

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Parent Dead On (+1)

[PopeRatzo](#) October 6th, 2015 8:44PM

Maybe MK-Ultra brought into the digital age?

That is exactly what this is.

[Reply](#) [Share](#) [Flag](#)

Re: To be used for new torture techniques? (+1)

[PPH](#) October 6th, 2015 8:59PM

At least they haven't stooped to using [comfy chairs](#) yet.

[Reply](#) [Share](#) [Flag](#)

Re: To be used for new torture techniques?

Anonymous Coward October 6th, 2015 9:33PM

It's only torture when other people do it. You *will* call it advanced interrogation techniques from now on ***bzzt***.

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they might as well come to the Bakken Museum (+1)

[swschrads](#) October 6th, 2015 10:09PM

full of everything from quack zappers to the Universal Frankenstein "machine." they can immediately learn what doesn't work, and save a tubload of cash.

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Re: To be used for new torture techniques? (+2)

[strstr](#) October 6th, 2015 10:50PM

Maybe MK-Ultra brought into the digital age?

[drrobertduncan.com](#)

[obamasweapon.com](#)

Modern day mkultra is already here. They never shut any of it down, it was all a shell game according to cia operative mark phillips.

Whistleblowers exist. The modern methods use acoustic waves and electromagnetic waves to target humans. They use interferometry to scan you even through the walls of your home, and send in signals to your body and nervous system or environment. Its holographic, 3D, used for surveillance and torture. It works because the radiowaves

broadcast into your atoms, your homes atoms, and resonate atoms and atoms broadcast radiowaves back to space based sensors. They can cause your atoms to broadcast signals to override your brain function, nervous system function, implant memories, ideas, images, sound, thoughts. Interferometry can also map out whole brain electrical activity by measuring the emitted radiowaves, and radiowaves from interferometers can heterodyne into brainwaves. They can also vibrate your molecules to create soundwaves only you can hear. Or create a hologram in the air, by vibrating air molecules, or causing air molecules to broadcast lightwaves (holograms can be sound or light based, or even invisible made of non visible frequencies). They call it electronic warfare. Its deployed globally today in space, and over the horizon radar systems. Read the site especially Dr. Robert Duncan's, who is a grad from Harvard who worked on this technology for the CIA/DOD/US DOJ, etc for more details. Fully vetted by psychiatrists and insiders from the NSA/CIA/DOD/US DOJ/USIS. Patents available on the site for analysis.

Here is a video clip my friend made, "What about mk-ultra" .. <https://youtu.be/qXHdBtwRCcU>

Just like the old days of mkultra no one is ever prosecuted and the victims are hurt, with no follow up, no consent required, unwittingly, against their will, no way to get help or shut it down, etc bull crap.

There were just a huge group of modern day victims protesting at the White House October 3rd 2015. Two video clips, it was Live Streamed by Pete Santilli radio show: <https://youtu.be/M0ii7UWrDG4> <https://youtu.be/h02Nh4tlg7s>

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Re: To be used for new torture techniques? (+1)

[ememisya](#) October 6th, 2015 11:20PM

The Internet of Things! Nah, I'm sure it's used for sensible scenarios. Just as long as folks over there listen to The King of Limbs from Radiohead.

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Re: To be used for new torture techniques? (+1)

[kheldan](#) October 7th, 2015 2:12AM

To be used for new torture techniques?

Oh, perhaps some actual legitimate medical uses.. but also new weaponry. They might even be trying for mind control over distances.

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Hmm... (+1)

[fuzzyfuzzyfungus](#) October 6th, 2015 8:25PM

Well. This, um, definitely doesn't sound like just the thing to add a scientific flourish to our assorted black sites and torture dungeons. Definitely not.

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The Future: (+1)

[Hartree](#) October 6th, 2015 8:44PM

A guy in dark shades and a black suit shines a red LED light into your eyes. It flashes and your asshole stops working.

"No need to come with us. Just drop by our office when you're ready to tell us everything and we'll fix that right up."

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Re: The Future: (+2, Funny)

Anonymous Coward October 6th, 2015 10:19PM

It flashes and your asshole stops working.

Yeah, I think we've all got one employee like that. Never hire family.

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Re: Hmm... (+1)

[rtb61](#) October 6th, 2015 11:49PM

Yeah, we all know exactly what they are aiming for, unlimited numbers of suicide bombers. The most innocent person falsely confessing to the worst possible crimes, hell, why stop there get them to commit the worst possible crimes. What else, slavish loyalty for everyone but the people controlling those agencies (1% rest assured you won't be in control, just in case they will line you up against the wall and you will be happy to be there). Most sane countries would turn around and write empathic legislation that only medical authorities are allowed to conduct that research for health benefits only and the any military or similar research is strictly banned with life imprisonment penalties for doing so.

I am trying to think what the fuck is going through the sick fucking doctors' minds who are doing this research and their total psychopathic indifference to the Hippocratic oath <https://en.wikipedia.org/wiki/...>, here is a link as those people involved have obviously forgotten what it is.

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Re: Hmm... (+1)

[fuzzyfuzzyfungus](#) October 7th, 2015 3:19PM

I'd honestly be a lot more optimistic/sympathetic to this sort of research (psychology and psychiatry certainly need all the help they can get at actually being useful, and minimally-invasive neuron-scale intervention is a likely avenue of research, both for better data gathering and for possible treatment); if we hadn't *just* learned about the whole "Let's get some hack psychologists to design our torture program; and then subvert more or less all the relevant parts of the American Psychological Association, including its ethics director, just for giggles, in order to provide an appearance of legality!" program.

I'm not one to be scared by the 'ooh, it looks sci-fi and icky; it must be evil!' school of medical ethics. We are creatures made of meat, subject to a wide variety of more and less ghastly medical problems; and there is no use pretending that some of the solutions are not going to involve ugly, meaty, hacking. It's just that the DoD would need to clean a *lot* of house (an exercise that they haven't even shown much interest in pretending to undertake), before I'd be capable of pretending that having them seeking to do it is anything but really creepy.

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COME DO ME (+1)

[rawtatoor](#) October 6th, 2015 8:26PM

come do me first motherfuckers!

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Remember Dune: (+1)

[Hartree](#) October 6th, 2015 8:39PM

Be careful what you wish for.

"Or you will live out your life in a pain amplifier!"

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Re: COME DO ME (+1)

[PopeRatzo](#) October 6th, 2015 8:44PM

come do me first motherfuckers!

Sounds like they might have already been to your house.

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Testing (+2)

[penguinoid](#) October 6th, 2015 8:40PM

DARPA Jolts the Nervous System With Electricity, Lasers, Sound Waves, and Magnets

Did they test it on sharks? Inquiring minds want to know.

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More Republican corporate welfare

Anonymous Coward October 6th, 2015 8:41PM

That is all this is. They are taking money at gunpoint from the people to give to corporations.

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Re: More Republican corporate welfare

Anonymous Coward October 6th, 2015 8:47PM

And if you refuse to pay they will send their thugs in blue to murder you.

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Re: More Republican corporate welfare

Anonymous Coward October 6th, 2015 8:49PM

That is the way of their kind. You should never vote for a Republican.

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Yep, both Republicrats and Democans... (+1)

[EzInKy](#) October 6th, 2015 9:05PM

....both solely exist to allow the 1% to siphon the wealth of this nation from the rest of us while their media minions keep us fighting over such inconsequential things such as homosexuals marrying each other. I mean seriously, who in their right mind really thinks it is good idea to force men who want to have sex with men to marry women, or women who want to have sex with women to marry men? Talk about crazy!!

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Thync (+1)

[QuietLagoon](#) October 6th, 2015 8:57PM

This was on the 6 o'clock news this evening... <http://www.thync.com/>

Wear Thync for minutes, feel the effects for hours.

A soothing neck massage. A splash of cold water. A kiss from someone you love.

These are common examples of how nerves signal the brain to change the way you feel.

Thync works in the same way using signaling programs we call Vibes.

Of course, it's not FDA-approved because it's not a medical device.....

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Only News: DARPA Investment (+4, Interesting)

[Cinnamon Beige](#) October 6th, 2015 9:48PM

This isn't even particularly cutting-edge tech... I'm going to try to keep this relatively simple, so analogies are not precisely right, but close enough for this...

Think of the brain as a computer that has to stay on, always. It's also a bit of an old system, and as a result the system's developed a bit of personality & the people who knew why some of its design is the way it is have not only moved on but are so long gone nobody's too sure how to contact them. This is also the only way to find out why certain parts of the design are weird the way they are--there might have been documentation, but it's going to be faster to just recreate it...

Electroshock is, basically, a brute force reset of the system. We don't know (quite) why it works, but it does. It isn't really ideal, since generally you only want to restart a single service, so to speak, but trying to figure out how to manage *that* would require the aforementioned documentation. Certainly, the fact that some of the server clusters have names vaguely associated with what they do is pure luck--no, seriously, a lot of the brain's anatomy was named with *no* reference to what it actually *does*, and this makes memorizing neuroanatomy along with what the parts are known to do what *hell*.

We have already through FDA approval a few methods (since '97, maybe earlier) that use some of this to help people, though, which are a bit less brute-force and get you the benefits without the side effects--or, in some cases, substitute for blown neurocircuitry like with Parkinson's Disease. That we *can* do this at all, we know from electroshock--which in a modified form is still in use, and horrifically enough is still the best treatment we've got for certain forms of depression.

Anyway, deep-brain stimulation and transcranial magnetic stimulation are both pretty good for depression--and there's some promise that they'll help with seizure disorders and migraines (which might be a kind of seizure disorder anyway).

Really, the question I have is exactly what DARPA is trying to do. Are we going for a new era where interrogation is done by improving significantly the lives of interrogation subjects? That would...actually be really effective, and the information more reliable than you'd get from torture.

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Re: Only News: DARPA Investment (+1)

[rawtatoor](#) October 7th, 2015 5:40PM

My question is why is DARPA researching this? I can see the Internet or something like that being military technology, but 'electroceuticals?' HMM? What's that about?

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Re: Only News: DARPA Investment (+1)

[Cinnamon Beige](#) October 7th, 2015 10:48PM

'Electroceuticals' is a fancy name for what I was talking about, and there's not many uses for it that DARPA could have because some of this is really hilarious--as far as I know, nobody managed quite the 'turn a neuron on and off' feat, and while certainly you might be able to do this in theory the more likely outcome is a fried neuron, and I've been around the bleeding edge here. Not only that, but you'd probably be able to snag a Nobel prize in medicine *simply by developing a way to identify which neuron does what*--not for figuring out how to turn it on and off, merely figuring out which one you might wish to do that to.

Worse, there's a hell a lot of evidence that a lot of what your brain does is an emergent function of a network of neurons together doing Something (

That's how we figure out what any given part of the brain does, actually: We find somebody who has a defective one and look at what they *can't* do.

Basically? There's not a damn lot DARPA could do, unless they really are going to offer to trade info for treating seizure disorders or the like--and this is a very good idea, for social engineering reasons. Not to mention that to somebody who suffers from some of these conditions, such as migraines, you could very easily get undying loyalty from *just by curing them*...

And okay, yes, there's a few things that might look from a really long distance away to somebody with horrible eyesight like a useful weapon or torture technique, but we can do a lot of that a lot more practically and cheaply...though precisely why you'd want to try interrogating somebody who has induced schizophrenia (cheapest+easiest method: give them meth) is beyond me.

I'm pretty sure nobody wants to attempt trying to turn something like "Millennium hand and shrimp" into useful intel.

(There *is* a reason why I said that the labels don't mean much in this old computer system you're stuck maintaining: *they don't*. Not even your buttons have labels that are useful--imagine if one of the salescritters had 'helpfully' gone through with a labeler and you've got a rough idea just how useful they are. They do tend to tell you where, but once again, it's total accident if its name has anything to cue you to the function.)

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Re: Only News: DARPA Investment (+1)

[Cinnamon Beige](#) October 7th, 2015 10:53PM

Hm, some of it went awry between preview and submitting, so: A lot of what your brain does is an emergent function of a network of neurons together doing Something (we're not sure what) and so the result of turning a neuron on or off would be a lot of various, not obviously related things going wrong, which admittedly would tell us what that given neuron does.

...A lot of neuroscience could be summed up as "Let's push this button and see what happens," okay? Except we can't justify pushing it ourselves--horribly bad cases of epilepsy aside--so we just kinda wait for somebody to push it by accident, so to speak.

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Mmm

Anonymous Coward October 6th, 2015 9:50PM

This is the Obama administrations DARPA. The same guy who said that NASA's job was to tell arabs how they contributed to space exploration (they didn't or they would be there). There is therefore a 50/50 chance that this is the worlds dumbest stunt, and not actually about developing anything strategic at all.

This might be torture. It might be crowd control. It might be remote diagnostics for political folks - you would be amazed what they do with a stool sample. It might be for remote tracking, or hiding remote tracking signals in a natural looking signal envelope. It might be battlefield diagnostics with automated triage.

Given the mentally-ill nature of the grand fromage (demonstrated above) ... I think it is trying to make better intimate robotic automata for the next sexual revolution.

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Working for DARPA would be worth it (+2)

Ukab the Great October 6th, 2015 10:10PM

Just to say that you have a job stimulating organs.

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E-fields foul chromosome segregation. (+2)

Ungrounded Lightning October 7th, 2015 2:36AM

Some recently approved cancer treatments (particularly: for inoperable brain cancer) are basedt on a recent discovery:

- The electric fields from changing magnetic fields interfere with chromosome segregation during mitosis.
- The affected cells generalluy do one of two things:
 - Complete the division with missorted chromosomes - then both offspring cells commit suicide.
 - Give up on cell division - then the new diploid cell commits suicide.

Cells not undergoing mitosis keep perking along just fine. (Perhaps this is why large-range electric fields aren't present in cells except during division: Electrical effects occur across membranes or in very close range between molecules - because the use of the fields in the chromosome segregation mechanism means any newly-evolving "feature" that involved long-range E-fields would kill the cell partway to evolving it.

This is great for brain cancer treatment: Essentially nothing is splitting except the cancer cells. Maybe you lose some nerve stem cells and have slightly lower brain plasticity over the coming decades - but that's a heck of a lot better than dying in agony and gradually-increasing dimentia over 6 months to a year.

But start poking at brains with this in the long term - especially brains of people under 21 or so, when the brains are still doing substantial interconnection and cell division - and you might start seeing some nasty damage.

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Re: E-fields foul chromosome segregation.

Anonymous Coward October 7th, 2015 12:11PM

I was going to call bullshit on this, but here's [a paper](#) which explains this mechanism. It requires strong magnetic fields that change at just the right frequencies, but those are not outside what talked about in the article.

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Electricity, Lasers, Sound Waves, and Magnets (+1)

[codeButcher](#) October 7th, 2015 5:30AM

DARPA Jolts the Nervous System With Electricity, Lasers, Sound Waves, and Magnets

Is that list exhaustive? Or has "5\$ wrench" been edited out?

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Welcome to a new age...

Anonymous Coward October 7th, 2015 7:32AM

The age of the tinfoil suit.

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Marvel supervillain team-up? (+1)

[Chris Mattern](#) October 7th, 2015 10:40AM

[Electricity](#), [lasers](#), [sound waves](#), and [magnets](#).

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Old but...

Anonymous Coward October 7th, 2015 10:43PM

Did I hear brown sound anyone!?

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PRESIDENTIAL COMMISSION FOR THE STUDY OF BIOETHICAL ISSUES

July 27, 2011

Dear Commenter:

We are writing to advise you on our ongoing work and plans for the next meeting of the Presidential Commission for the Study of Bioethical Issues. We appreciate the time that you have taken to engage with us.

We would like to clarify for your information that the Commission is not investigating or reviewing any concerns or complaints concerning claims about targeted individuals. This includes claims concerning: MK-ULTRA; COINTELPRO; electromagnetic torture or attacks; organized stalking; remove influencing; microwave harassment; covert harassment and surveillance; human tracking; psychotropic or psychotropic weapons and radio frequency or military weapons or other claims.

As such the Commission will not hear further testimony on these subjects. Many of these issues have been investigated in the past. The Commission is not a law enforcement, regulatory or legislative body. It does not control any federal monies. In addition, the Commission has no involvement with the public or private grants and has no power to open or undertake criminal cases.

As advisors to the President, we will ensure that all of your concerns, information and testimony are provided to the White House. We sincerely appreciate your interest in the work of the Commission and the time you have taken to share your personal history with us.

Sincerely,

A handwritten signature in blue ink, reading "Valerie H. Bonham", is positioned above the printed name.

Valerie H. Bonham
Executive Director

The Mind Has No Firewall

TIMOTHY L. THOMAS

From *Parameters*, Spring 1998, pp. 84-92.

"It is completely clear that the state which is first to create such weapons will achieve incomparable superiority." -- Major I. Chernishev, Russian army[1]

The human body, much like a computer, contains myriad data processors. They include, but are not limited to, the chemical-electrical activity of the brain, heart, and peripheral nervous system, the signals sent from the cortex region of the brain to other parts of our body, the tiny hair cells in the inner ear that process auditory signals, and the light-sensitive retina and cornea of the eye that process visual activity.[2] We are on the threshold of an era in which these data processors of the human body may be manipulated or debilitated. Examples of unplanned attacks on the body's data-processing capability are well-documented. Strobe lights have been known to cause epileptic seizures. Not long ago in Japan, children watching television cartoons were subjected to pulsating lights that caused seizures in some and made others very sick.

Defending friendly and targeting adversary data-processing capabilities of the body appears to be an area of weakness in the US approach to information warfare theory, a theory oriented heavily toward systems data-processing and designed to attain information dominance on the battlefield. Or so it would appear from information in the open, unclassified press. This US shortcoming may be a serious one, since the capabilities to alter the data-processing systems of the body already exist. A recent edition of *U.S. News and World Report* highlighted several of these "wonder weapons" (acoustics, microwaves, lasers) and noted that scientists are "searching the electromagnetic and sonic spectrums for wavelengths that can affect human behavior." [3] A recent Russian military article offered a slightly different slant to the problem, declaring that "humanity stands on the brink of a psychotronic war" with the mind and body as the focus. That article discussed Russian and international attempts to control the psycho-physical condition of man and his decisionmaking processes by the use of VHF-generators, "noiseless cassettes," and other technologies.

An entirely new arsenal of weapons, based on devices designed to introduce subliminal messages or to alter the body's psychological and data-processing capabilities, might be used to incapacitate individuals. These weapons aim to control or alter the psyche, or to attack the various sensory and data-processing systems of the human organism. In both cases, the goal is to confuse or destroy the signals that normally keep the body in equilibrium.

This article examines energy-based weapons, psychotronic weapons, and other developments designed to alter the ability of the human body to process stimuli. One consequence of this assessment is that the way we commonly use the term "information warfare" falls short when the individual soldier, not his equipment, becomes the target of attack.

Information Warfare Theory and the Data-Processing Element of Humans

In the United States the common conception of information warfare focuses primarily on the capabilities of hardware systems such as computers, satellites, and military equipment which

process data in its various forms. According to Department of Defense Directive S-3600.1 of 9 December 1996, information warfare is defined as "an information operation conducted during time of crisis or conflict to achieve or promote specific objectives over a specific adversary or adversaries." An information operation is defined in the same directive as "actions taken to affect adversary information and information systems while defending one's own information and information systems." These "information systems" lie at the heart of the modernization effort of the US armed forces and other countries, and manifest themselves as hardware, software, communications capabilities, and highly trained individuals. Recently, the US Army conducted a mock battle that tested these systems under simulated combat conditions.

US Army Field Manual 101-5-1, *Operational Terms and Graphics* (released 30 September 1997), defines information warfare as "actions taken to achieve information superiority by affecting a hostile's information, information based-processes, and information systems, while defending one's own information, information processes, and information systems." The same manual defines information operations as a "continuous military operation within the military information environment that enables, enhances, and protects friendly forces' ability to collect, process, and act on information to achieve an advantage across the full range of military operations. [Information operations include] interacting with the Global Information Environment . . . and exploiting or denying an adversary's information and decision capabilities." [4]

This "systems" approach to the study of information warfare emphasizes the use of data, referred to as information, to penetrate an adversary's physical defenses that protect data (information) in order to obtain operational or strategic advantage. It has tended to ignore the role of the human body as an information- or data-processor in this quest for dominance except in those cases where an individual's logic or rational thought may be upset via disinformation or deception. As a consequence little attention is directed toward protecting the mind and body with a firewall as we have done with hardware systems. Nor have any techniques for doing so been prescribed. Yet the body is capable not only of being deceived, manipulated, or misinformed but also shut down or destroyed--just as any other data-processing system. The "data" the body receives from external sources--such as electromagnetic, vortex, or acoustic energy waves--or creates through its own electrical or chemical stimuli can be manipulated or changed just as the data (information) in any hardware system can be altered.

The only body-related information warfare element considered by the United States is psychological operations (PSYOP). In Joint Publication 3-13.1, for example, PSYOP is listed as one of the elements of command and control warfare. The publication notes that "the ultimate target of [information warfare] is the information dependent process, whether human or automated . . . Command and control warfare (C2W) is an application of information warfare in military operations. . . . C2W is the integrated use of PSYOP, military deception, operations security, electronic warfare and physical destruction." [5]

One source defines information as a "nonaccidental signal used as an input to a computer or communications system." [6] The human body is a complex communication system constantly receiving nonaccidental and accidental signal inputs, both external and internal. If the ultimate target of information warfare is the information-dependent process, "whether human or automated," then the definition in the joint publication implies that human data-processing of internal and external signals can clearly be considered an aspect of information warfare. Foreign researchers have noted the link between humans as data processors and the conduct of information warfare. While some study only the PSYOP link, others go beyond it. As an example of the former, one recent Russian article described offensive information warfare as designed to "use the Internet channels for the purpose of organizing PSYOP as well as for 'early political warning' of threats to American interests." [7] The author's assertion was based on the fact that "all mass media are used for PSYOP . . . [and] today this must include the Internet." The author asserted that the

Pentagon wanted to use the Internet to "reinforce psychological influences" during special operations conducted outside of US borders to enlist sympathizers, who would accomplish many of the tasks previously entrusted to special units of the US armed forces.

Others, however, look beyond simple PSYOP ties to consider other aspects of the body's data-processing capability. One of the principal open source researchers on the relationship of information warfare to the body's data-processing capability is Russian Dr. Victor Solntsev of the Baumann Technical Institute in Moscow. Solntsev is a young, well-intentioned researcher striving to point out to the world the potential dangers of the computer operator interface. Supported by a network of institutes and academies, Solntsev has produced some interesting concepts.[8] He insists that man must be viewed as an open system instead of simply as an organism or closed system. As an open system, man communicates with his environment through information flows and communications media. One's physical environment, whether through electromagnetic, gravitational, acoustic, or other effects, can cause a change in the psycho-physiological condition of an organism, in Solntsev's opinion. Change of this sort could directly affect the mental state and consciousness of a computer operator. This would not be electronic war or information warfare in the traditional sense, but rather in a nontraditional and non-US sense. It might encompass, for example, a computer modified to become a weapon by using its energy output to emit acoustics that debilitate the operator. It also might encompass, as indicated below, futuristic weapons aimed against man's "open system."

Solntsev also examined the problem of "information noise," which creates a dense shield between a person and external reality. This noise may manifest itself in the form of signals, messages, images, or other items of information. The main target of this noise would be the consciousness of a person or a group of people. Behavior modification could be one objective of information noise; another could be to upset an individual's mental capacity to such an extent as to prevent reaction to any stimulus. Solntsev concludes that all levels of a person's psyche (subconscious, conscious, and "superconscious") are potential targets for destabilization.

According to Solntsev, one computer virus capable of affecting a person's psyche is Russian Virus 666. It manifests itself in every 25th frame of a visual display, where it produces a combination of colors that allegedly put computer operators into a trance. The subconscious perception of the new pattern eventually results in arrhythmia of the heart. Other Russian computer specialists, not just Solntsev, talk openly about this "25th frame effect" and its ability to subtly manage a computer user's perceptions. The purpose of this technique is to inject a thought into the viewer's subconscious. It may remind some of the subliminal advertising controversy in the United States in the late 1950s.

US Views on "Wonder Weapons": Altering the Data-Processing Ability of the Body

What technologies have been examined by the United States that possess the potential to disrupt the data-processing capabilities of the human organism? The 7 July 1997 issue of *U.S. News and World Report* described several of them designed, among other things, to vibrate the insides of humans, stun or nauseate them, put them to sleep, heat them up, or knock them down with a shock wave.[9] The technologies include dazzling lasers that can force the pupils to close; acoustic or sonic frequencies that cause the hair cells in the inner ear to vibrate and cause motion sickness, vertigo, and nausea, or frequencies that resonate the internal organs causing pain and spasms; and shock waves with the potential to knock down humans or airplanes and which can be mixed with pepper spray or chemicals.[10]

With modification, these technological applications can have many uses. Acoustic weapons, for example, could be adapted for use as acoustic rifles or as acoustic fields that, once established, might protect facilities, assist in hostage rescues, control riots, or clear paths for convoys. These

waves, which can penetrate buildings, offer a host of opportunities for military and law enforcement officials. Microwave weapons, by stimulating the peripheral nervous system, can heat up the body, induce epileptic-like seizures, or cause cardiac arrest. Low-frequency radiation affects the electrical activity of the brain and can cause flu-like symptoms and nausea. Other projects sought to induce or prevent sleep, or to affect the signal from the motor cortex portion of the brain, overriding voluntary muscle movements. The latter are referred to as pulse wave weapons, and the Russian government has reportedly bought over 100,000 copies of the "Black Widow" version of them.[11]

However, this view of "wonder weapons" was contested by someone who should understand them. Brigadier General Larry Dodgen, Deputy Assistant to the Secretary of Defense for Policy and Missions, wrote a letter to the editor about the "numerous inaccuracies" in the *U.S. News and World Report* article that "misrepresent the Department of Defense's views." [12] Dodgen's primary complaint seemed to have been that the magazine misrepresented the use of these technologies and their value to the armed forces. He also underscored the US intent to work within the scope of any international treaty concerning their application, as well as plans to abandon (or at least redesign) any weapon for which countermeasures are known. One is left with the feeling, however, that research in this area is intense. A concern not mentioned by Dodgen is that other countries or non-state actors may not be bound by the same constraints. It is hard to imagine someone with a greater desire than terrorists to get their hands on these technologies. "Psycho-terrorism" could be the next buzzword.

Russian Views on "Psychotronic War"

The term "psycho-terrorism" was coined by Russian writer N. Anisimov of the Moscow Anti-Psychotronic Center. According to Anisimov, psychotronic weapons are those that act to "take away a part of the information which is stored in a man's brain. It is sent to a computer, which reworks it to the level needed for those who need to control the man, and the modified information is then reinserted into the brain." These weapons are used against the mind to induce hallucinations, sickness, mutations in human cells, "zombification," or even death. Included in the arsenal are VHF generators, X-rays, ultrasound, and radio waves. Russian army Major I. Chernishev, writing in the military journal *Orienteer* in February 1997, asserted that "psy" weapons are under development all over the globe. Specific types of weapons noted by Chernishev (not all of which have prototypes) were:

- A psychotronic generator, which produces a powerful electromagnetic emanation capable of being sent through telephone lines, TV, radio networks, supply pipes, and incandescent lamps.
- An autonomous generator, a device that operates in the 10-150 Hertz band, which at the 10-20 Hertz band forms an infrasonic oscillation that is destructive to all living creatures.
- A nervous system generator, designed to paralyze the central nervous systems of insects, which could have the same applicability to humans.
- Ultrasound emanations, which one institute claims to have developed. Devices using ultrasound emanations are supposedly capable of carrying out bloodless internal operations without leaving a mark on the skin. They can also, according to Chernishev, be used to kill.
- Noiseless cassettes. Chernishev claims that the Japanese have developed the ability to place infra-low frequency voice patterns over music, patterns that are detected by the subconscious. Russians claim to be using similar "bombardments" with computer programming to treat alcoholism or smoking.
- The 25th-frame effect, alluded to above, a technique wherein each 25th frame of a movie reel or film footage contains a message that is picked up by the subconscious. This technique, if it works, could possibly be used to curb smoking and alcoholism, but it has wider, more sinister applications if used on a TV audience or a computer operator.

- Psychotropics, defined as medical preparations used to induce a trance, euphoria, or depression. Referred to as "slow-acting mines," they could be slipped into the food of a politician or into the water supply of an entire city. Symptoms include headaches, noises, voices or commands in the brain, dizziness, pain in the abdominal cavities, cardiac arrhythmia, or even the destruction of the cardiovascular system.

There is confirmation from US researchers that this type of study is going on. Dr. Janet Morris, coauthor of *The Warrior's Edge*, reportedly went to the Moscow Institute of Psychocorrelations in 1991. There she was shown a technique pioneered by the Russian Department of Psycho-Correction at Moscow Medical Academy in which researchers electronically analyze the human mind in order to influence it. They input subliminal command messages, using key words transmitted in "white noise" or music. Using an infra-sound, very low frequency transmission, the acoustic psycho-correction message is transmitted via bone conduction.[13]

In summary, Chernishev noted that some of the militarily significant aspects of the "psy" weaponry deserve closer research, including the following nontraditional methods for disrupting the psyche of an individual:

- ESP research: determining the properties and condition of objects without ever making contact with them and "reading" peoples' thoughts
- Clairvoyance research: observing objects that are located just beyond the world of the visible--used for intelligence purposes
- Telepathy research: transmitting thoughts over a distance--used for covert operations
- Telekinesis research: actions involving the manipulation of physical objects using thought power, causing them to move or break apart--used against command and control systems, or to disrupt the functioning of weapons of mass destruction
- Psychokinesis research: interfering with the thoughts of individuals, on either the strategic or tactical level

While many US scientists undoubtedly question this research, it receives strong support in Moscow. The point to underscore is that individuals in Russia (and other countries as well) believe these means can be used to attack or steal from the data-processing unit of the human body.

Solntsev's research, mentioned above, differs slightly from that of Chernishev. For example, Solntsev is more interested in hardware capabilities, specifically the study of the information-energy source associated with the computer-operator interface. He stresses that if these energy sources can be captured and integrated into the modern computer, the result will be a network worth more than "a simple sum of its components." Other researchers are studying high-frequency generators (those designed to stun the psyche with high frequency waves such as electromagnetic, acoustic, and gravitational); the manipulation or reconstruction of someone's thinking through planned measures such as reflexive control processes; the use of psychotronics, parapsychology, bioenergy, bio fields, and psychoenergy;[14] and unspecified "special operations" or anti-ESP training.

The last item is of particular interest. According to a Russian TV broadcast, the strategic rocket forces have begun anti-ESP training to ensure that no outside force can take over command and control functions of the force. That is, they are trying to construct a firewall around the heads of the operators.

Conclusions

At the end of July 1997, planners for Joint Warrior Interoperability Demonstration '97 "focused on technologies that enhance real-time collaborative planning in a multinational task force of the type used in Bosnia and in Operation Desert Storm. The JWID '97 network, called the Coalition Wide-

Area Network (CWAN), is the first military network that allows allied nations to participate as full and equal partners." [15] The demonstration in effect was a trade fair for private companies to demonstrate their goods; defense ministries got to decide where and how to spend their money wiser, in many cases without incurring the cost of prototypes. It is a good example of doing business better with less. Technologies demonstrated included: [16]

- Soldiers using laptop computers to drag cross-hairs over maps to call in airstrikes
- Soldiers carrying beepers and mobile phones rather than guns
- Generals tracking movements of every unit, counting the precise number of shells fired around the globe, and inspecting real-time damage inflicted on an enemy, all with multicolored graphics [17]

Every account of this exercise emphasized the ability of systems to process data and provide information feedback via the power invested in their microprocessors. The ability to affect or defend the data-processing capability of the human operators of these systems was never mentioned during the exercise; it has received only slight attention during countless exercises over the past several years. The time has come to ask why we appear to be ignoring the operators of our systems. Clearly the information operator, exposed before a vast array of potentially immobilizing weapons, is the weak spot in any nation's military assets. There are few international agreements protecting the individual soldier, and these rely on the good will of the combatants. Some nations, and terrorists of every stripe, don't care about such agreements.

This article has used the term data-processing to demonstrate its importance to ascertaining what so-called information warfare and information operations are all about. Data-processing is the action this nation and others need to protect. Information is nothing more than the output of this activity. As a result, the emphasis on information-related warfare terminology ("information dominance," "information carousel") that has proliferated for a decade does not seem to fit the situation before us. In some cases the battle to affect or protect data-processing elements pits one mechanical system against another. In other cases, mechanical systems may be confronted by the human organism, or vice versa, since humans can usually shut down any mechanical system with the flip of a switch. In reality, the game is about protecting or affecting signals, waves, and impulses that can influence the data-processing elements of systems, computers, or people. We are potentially the biggest victims of information warfare, because we have neglected to protect ourselves.

Our obsession with a "system of systems," "information dominance," and other such terminology is most likely a leading cause of our neglect of the human factor in our theories of information warfare. It is time to change our terminology and our conceptual paradigm. Our terminology is confusing us and sending us in directions that deal primarily with the hardware, software, and communications components of the data-processing spectrum. We need to spend more time researching how to protect the humans in our data management structures. Nothing in those structures can be sustained if our operators have been debilitated by potential adversaries or terrorists who--right now--may be designing the means to disrupt the human component of our carefully constructed notion of a system of systems.

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- [54] APPARATUS AND METHOD FOR REMOTELY MONITORING AND ALTERING BRAIN WAVES

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[22] Filed: **Aug. 5, 1974**

[21] Appl. No.: 494,518

[52] U.S. Cl..... 128/2.1 B

[51] Int. Cl.²..... A61B 5/04

[58] **Field of Search** 128/1 C, 1 R, 2.1 B,
128/2.1 R, 419 R, 422 R, 420, 404, 2 R, 2 S,
2.05 R, 2.05 V, 2.05 F, 2.06 R; 340/248 A,
258 A, 258 B, 258 D, 229

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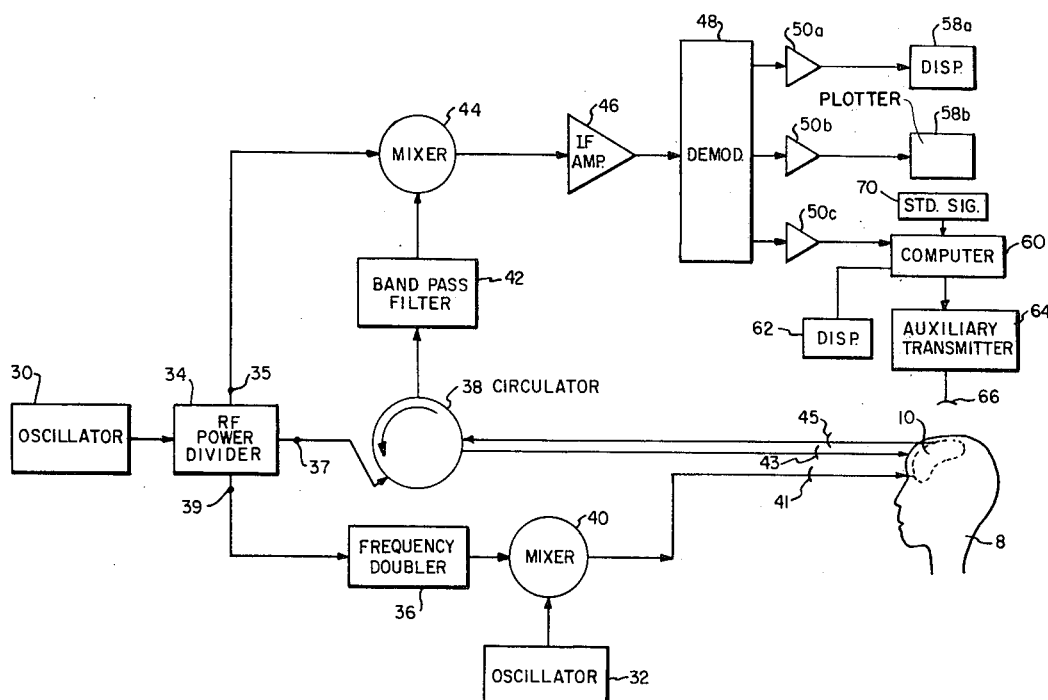
Primary Examiner—William E. Kamm

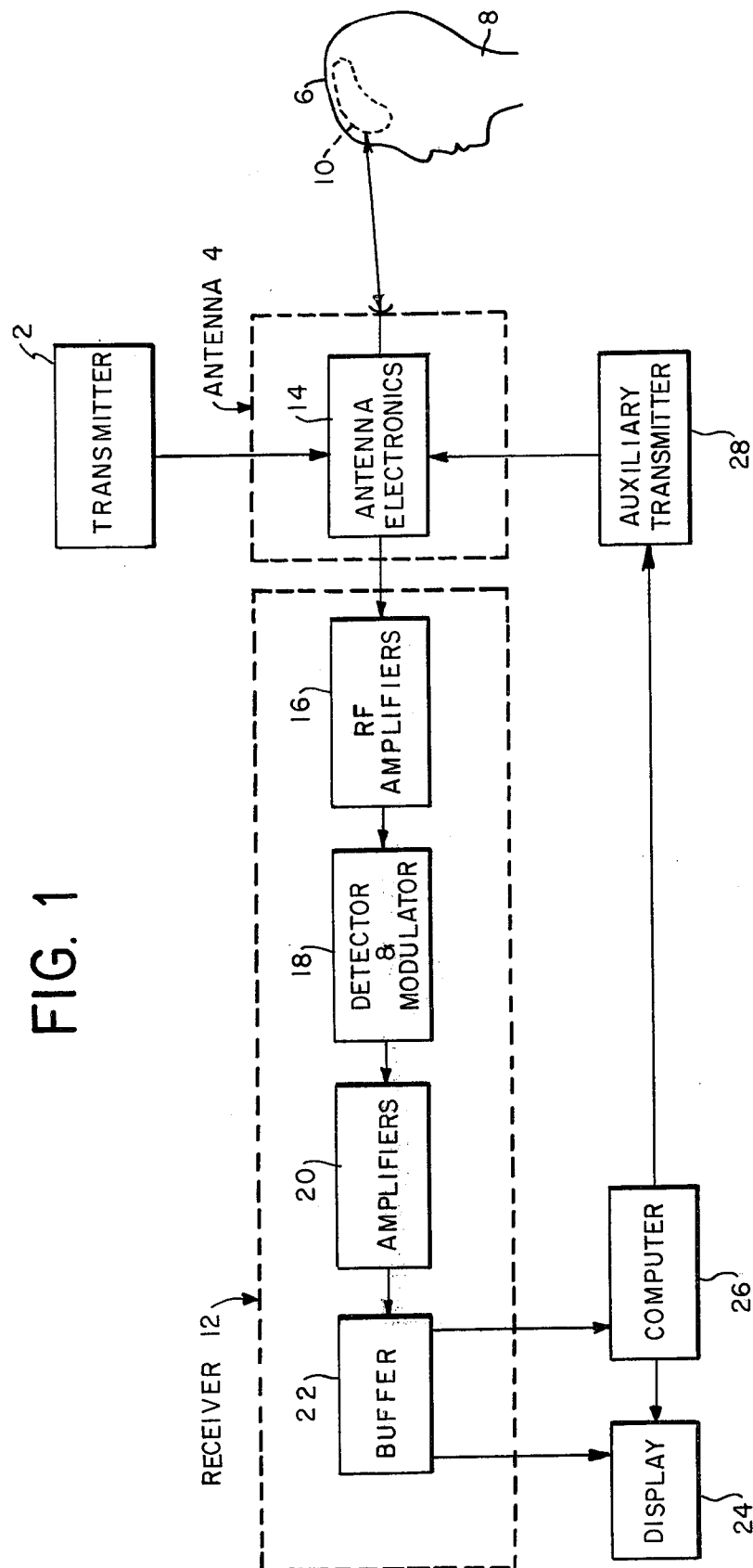
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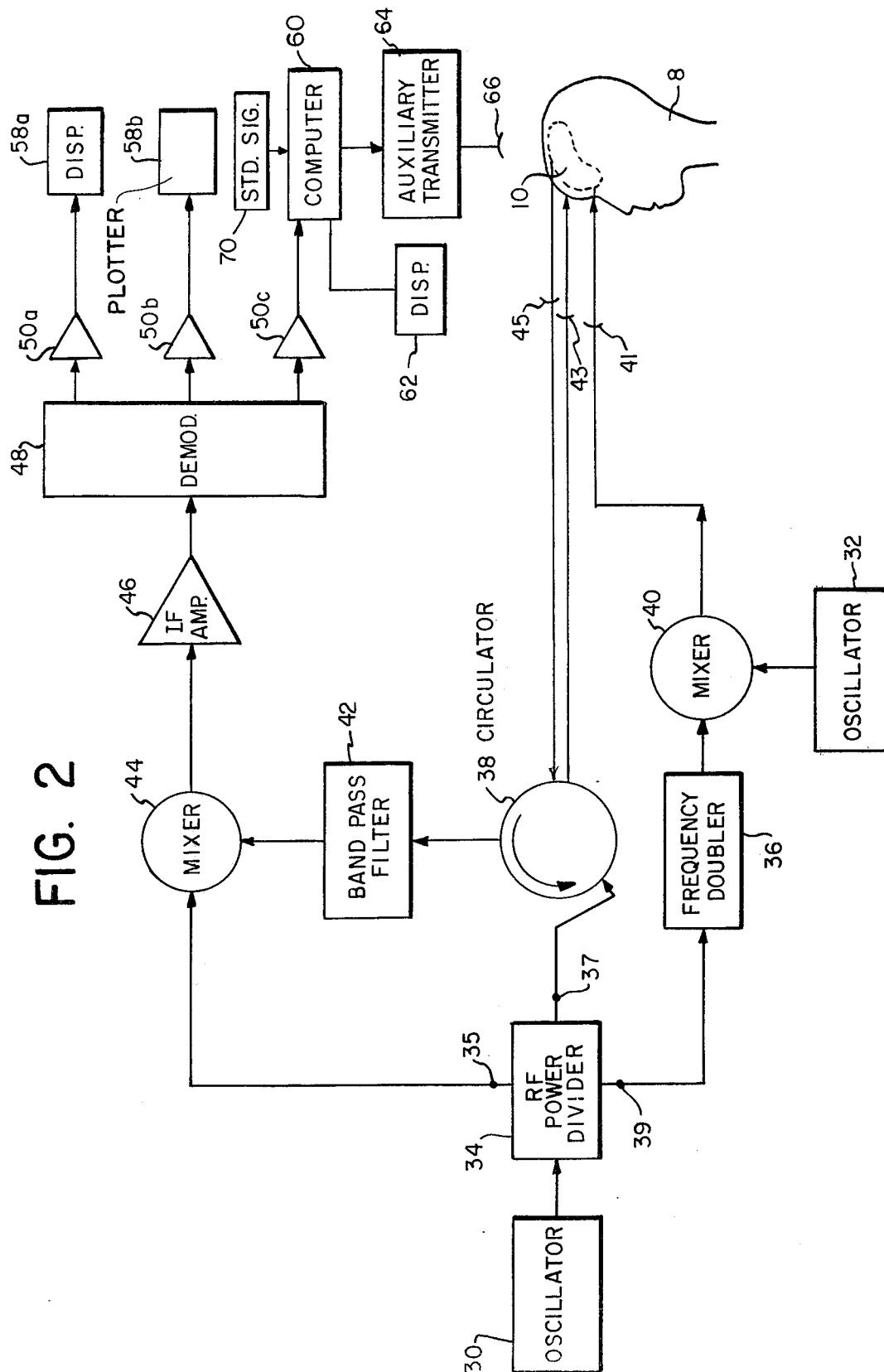
[57] **ABSTRACT**

Apparatus for and method of sensing brain waves at a position remote from a subject whereby electromagnetic signals of different frequencies are simultaneously transmitted to the brain of the subject in which the signals interfere with one another to yield a waveform which is modulated by the subject's brain waves. The interference waveform which is representative of the brain wave activity is re-transmitted by the brain to a receiver where it is demodulated and amplified. The demodulated waveform is then displayed for visual viewing and routed to a computer for further processing and analysis. The demodulated waveform also can be used to produce a compensating signal which is transmitted back to the brain to effect a desired change in electrical activity therein.

11 Claims, 2 Drawing Figures







APPARATUS AND METHOD FOR REMOTELY MONITORING AND ALTERING BRAIN WAVES

BACKGROUND OF THE INVENTION

Medical science has found brain waves to be a useful barometer of organic functions. Measurements of electrical activity in the brain have been instrumental in detecting physical and psychic disorder, measuring stress, determining sleep patterns, and monitoring body metabolism.

The present art for measurement of brain waves employs electroencephalographs including probes with sensors which are attached to the skull of the subject under study at points proximate to the regions of the brain being monitored. Electrical contact between the sensors and apparatus employed to process the detected brain waves is maintained by a plurality of wires extending from the sensors to the apparatus. The necessity for physically attaching the measuring apparatus to the subject imposes several limitations on the measurement process. The subject may experience discomfort, particularly if the measurements are to be made over extended periods of time. His bodily movements are restricted and he is generally confined to the immediate vicinity of the measuring apparatus. Furthermore, measurements cannot be made while the subject is conscious without his awareness. The comprehensiveness of the measurements is also limited since the finite number of probes employed to monitor local regions of brain wave activity do not permit observation of the total brain wave profile in a single test.

SUMMARY OF THE INVENTION

The present invention relates to apparatus and a method for monitoring brain waves wherein all components of the apparatus employed are remote from the test subject. More specifically, high frequency transmitters are operated to radiate electromagnetic energy of different frequencies through antennas which are capable of scanning the entire brain of the test subject or any desired region thereof. The signals of different frequencies penetrate the skull of the subject and impinge upon the brain where they mix to yield an interference wave modulated by radiations from the brain's natural electrical activity. The modulated interference wave is re-transmitted by the brain and received by an antenna at a remote station where it is demodulated, and processed to provide a profile of the subject's brain waves. In addition to passively monitoring his brain waves, the subject's neurological processes may be affected by transmitting to his brain, through a transmitter, compensating signals. The latter signals can be derived from the received and processed brain waves.

OBJECTS OF THE INVENTION

It is therefore an object of the invention to remotely monitor electrical activity in the entire brain or selected local regions thereof with a single measurement.

Another object is the monitoring of a subject's brain wave activity through transmission and reception of electromagnetic waves.

Still another object is to monitor brain wave activity from a position remote from the subject.

A further object is to provide a method and apparatus for affecting brain wave activity by transmitting electromagnetic signals thereto.

DESCRIPTION OF THE DRAWINGS

Other and further objects of the invention will appear from the following description and the accompanying drawings, which form part of the instant specification and which are to be read in conjunction therewith, and in which like reference numerals are used to indicate like parts in the various views;

FIG. 1 is a block diagram showing the interconnection of the components of the apparatus of the invention;

FIG. 2 is a block diagram showing signal flow in one embodiment of the apparatus.

DESCRIPTION OF THE PREFERRED EMBODIMENT

Referring to the drawings, specifically FIG. 1, a high frequency transmitter 2 produces and supplies two electromagnetic wave signals through suitable coupling means 14 to an antenna 4. The signals are directed by the antenna 4 to the skull 6 of the subject 8 being examined. The two signals from the antenna 4, which travel independently, penetrate the skull 6 and impinge upon the tissue of the brain 10.

Within the tissue of the brain 10, the signals combine, much in the manner of a conventional mixing process technique, with each section of the brain having a different modulating action. The resulting waveform of the two signals has its greatest amplitude when the two signals are in phase and thus reinforcing one another. When the signals are exactly 180° out of phase the combination produces a resultant waveform of minimum amplitude. If the amplitudes of the two signals transmitted to the subject are maintained at identical levels, the resultant interference waveform, absent influences of external radiation, may be expected to assume zero intensity when maximum interference occurs, the number of such points being equal to the difference in frequencies of the incident signals. However, interference by radiation from electrical activity within the brain 10 causes the waveform resulting from interference of the two transmitted signals to vary from the expected result, i.e., the interference waveform is modulated by the brain waves. It is believed that this is due to the fact that brain waves produce electric charges each of which has a component of electromagnetic radiation associated with it. The electromagnetic radiation produced by the brain waves in turn reacts with the signals transmitted to the brain from the external source.

The modulated interference waveform is re-transmitted from the brain 10, back through the skull 6. A quantity of energy is re-transmitted sufficient to enable it to be picked up by the antenna 4. This can be controlled, within limits, by adjusting the absolute and relative intensities of the signals, originally transmitted to the brain. Of course, the level of the transmitted energy should be kept below that which may be harmful to the subject.

The antenna passes the received signal to a receiver 12 through the antenna electronics 14. Within the receiver the wave is amplified by conventional RF amplifiers 16 and demodulated by conventional detector and modulator electronics 18. The demodulated wave, representing the intra-brain electrical activity, is amplified by amplifiers 20 and the resulting information in electronic form is stored in buffer circuitry 22. From the buffers 22 the information is fed to a suitable visual

display 24, for example one employing a cathode ray tube, light emitting diodes, liquid crystals, or a mechanical plotter. The information may also be channeled to a computer 26 for further processing and analysis with the output of the computer displayed by heretofore mentioned suitable means.

In addition to channeling its information to display devices 24, the computer 26 can also produce signals to control an auxiliary transmitter 28. Transmitter 28 is used to produce a compensating signal which is transmitted to the brain 10 of the subject 8 by the antenna 4. In a preferred embodiment of the invention, the compensating signal is derived as a function of the received brain wave signals, although it can be produced separately. The compensating signals affect electrical activity within the brain 10.

Various configurations of suitable apparatus and electronic circuitry may be utilized to form the system generally shown in FIG. 1 and one of the many possible configurations is illustrated in FIG. 2. In the example shown therein, two signals, one of 100 MHz and the other of 210 MHz are transmitted simultaneously and combine in the brain 10 to form a resultant wave of frequency equal to the difference in frequencies of the incident signals, i.e., 110 MHz. The sum of the two incident frequencies is also available, but is discarded in subsequent filtering. The 100 MHz signal is obtained at the output 37 of an RF power divider 34 into which a 100 MHz signal generated by an oscillator 30 is injected. The oscillator 30 is of a conventional type employing either crystals for fixed frequency circuits or a tunable circuit set to oscillate at 100 MHz. It can be a pulse generator, square wave generator or sinusoidal wave generator. The RF power divider can be any conventional VHF, UHF or SHF frequency range device constructed to provide, at each of three outputs, a signal identical in frequency to that applied to its input.

The 210 MHz signal is derived from the same 100 MHz oscillator 30 and RF power divider 34 as the 100 MHz signal, operating in concert with a frequency doubler 36 and 10 MHz oscillator 32. The frequency doubler can be any conventional device which provides at its output a signal with frequency equal to twice the frequency of a signal applied at its input. The 10 MHz oscillator can also be of conventional type similar to the 100 MHz oscillator herebefore described. A 100 MHz signal from the output 39 of the RF power divider 34 is fed through the frequency doubler 36 and the resulting 200 MHz signal is applied to a mixer 40. The mixer 40 can be any conventional VHF, UHF or SHF frequency range device capable of accepting two input signals of differing frequencies and providing two output signals with frequencies equal to the sum and difference in frequencies respectively of the input signals. A 10 MHz signal from the oscillator 32 is also applied to the mixer 40. The 200 MHz signal from the doubler 36 and the 10 MHz signal from the oscillator 32 combine in the mixer 40 to form a signal with a frequency of 210 MHz equal to the sum of the frequencies of the 200 MHz and 10 MHz signals.

The 210 MHz signal is one of the signals transmitted to the brain 10 of the subject being monitored. In the arrangement shown in FIG. 2, an antenna 41 is used to transmit the 210 MHz signal and another antenna 43 is used to transmit the 100 MHz signal. Of course, a single antenna capable of operating at 100 MHz and 210 MHz frequencies may be used to transmit both signals. The scan angle, direction and rate may be controlled

mechanically, e.g., by a reversing motor, or electronically, e.g., by energizing elements in the antenna in proper synchronization. Thus, the antenna(s) can be of either fixed or rotary conventional types.

A second 100 MHz signal derived from output terminal 37 of the three-way power divider 34 is applied to a circulator 38 and emerges therefrom with a desired phase shift. The circulator 38 can be of any conventional type wherein a signal applied to an input port emerges from an output port with an appropriate phase shift. The 100 MHz signal is then transmitted to the brain 10 of the subject being monitored via the antenna 43 as the second component of the dual signal transmission. The antenna 43 can be of conventional type similar to antenna 41 herebefore described. As previously noted, these two antennas may be combined in a single unit.

The transmitted 100 and 210 MHz signal components mix within the tissue in the brain 10 and interfere with one another yielding a signal of a frequency of 110 MHz, the difference in frequencies of the two incident components, modulated by electromagnetic emissions from the brain, i.e., the brain wave activity being monitored. This modulated 110 MHz signal is radiated into space.

The 110 MHz signal, modulated by brain wave activity, is picked up by an antenna 45 and channeled back through the circulator 38 where it undergoes an appropriate phase shift. The circulator 38 isolates the transmitted signals from the received signal. Any suitable diplexer or duplexer can be used. The antenna 45 can be of conventional type similar to antennas 41 and 43. It can be combined with them in a single unit or it can be separate. The received modulated 110 MHz signal is then applied to a band pass filter 42, to eliminate undesirable harmonics and extraneous noise, and the filtered 110 MHz signal is inserted into a mixer 44 into which has also been introduced a component of the 100 MHz signal from the source 30 distributed by the RF power divider 34. The filter 42 can be any conventional band pass filter. The mixer 44 may also be of conventional type similar to the mixer 40 herebefore described.

The 100 MHz and 110 MHz signals combine in the mixer 44 to yield a signal of frequency equal to the difference in frequencies of the two component signals, i.e., 10 MHz still modulated by the monitored brain wave activity. The 10 MHz signal is amplified in an IF amplifier 46 and channeled to a demodulator 48. The IF amplifier and demodulator 48 can both be of conventional types. The type of demodulator selected will depend on the characteristics of the signals transmitted to and received from the brain, and the information desired to be obtained. The brain may modulate the amplitude, frequency and/or phase of the interference waveform. Certain of these parameters will be more sensitive to corresponding brain wave characteristics than others. Selection of amplitude, frequency or phase demodulation means is governed by the choice of brain wave characteristic to be monitored. If desired, several different types of demodulators can be provided and used alternately or at the same time.

The demodulated signal which is representative of the monitored brain wave activity is passed through audio amplifiers 50 a, b, c which may be of conventional type where it is amplified and routed to displays 58 a, b, c and a computer 60. The displays 58 a, b, c present the raw brain wave signals from the amplifiers

50 a, b, c. The computer 60 processes the amplified brain-wave signals to derive information suitable for viewing, e.g., by suppressing, compressing, or expanding elements thereof, or combining them with other information-bearing signals and presents that information on a display 62. The displays can be conventional ones such as the types heretofore mentioned employing electronic visual displays or mechanical plotters 58b. The computer can also be of conventional type, either analog or digital, or a hybrid.

A profile of the entire brain wave emission pattern may be monitored or select areas of the brain may be observed in a single measurement simply by altering the scan angle and direction of the antennas. There is no physical contact between the subject and the monitoring apparatus. The computer 60 also can determine a compensating waveform for transmission to the brain 10 to alter the natural brain waves in a desired fashion. The closed loop compensating system permits instantaneous and continuous modification of the brain wave response pattern.

In performing the brain wave pattern modification function, the computer 60 can be furnished with an external standard signal from a source 70 representative of brain wave activity associated with a desired neurological response. The region of the brain responsible for the response is monitored and the received signal, indicative of the brain wave activity therein, is compared with the standard signal. The computer 60 is programmed to determine a compensating signal, responsive to the difference between the standard signal and received signal. The compensating signal, when transmitted to the monitored region of the brain, modulates the natural brain wave activity therein toward a reproduction of the standard signal, thereby changing the neurological response of the subject.

The computer 60 controls an auxiliary transmitter 64 which transmits the compensating signal to the brain 10 of the subject via an antenna 66. The transmitter 64 is of the high frequency type commonly used in radar applications. The antenna 66 can be similar to antennas 41, 43 and 45 and can be combined with them. Through these means, brain wave activity may be altered and deviations from a desired norm may be compensated. Brain waves may be monitored and control signals transmitted to the brain from a remote station.

It is to be noted that the configuration described is one of many possibilities which may be formulated without departing from the spirit of my invention. The transmitters can be monostatic or bistatic. They also can be single, dual, or multiple frequency devices. The transmitted signal can be continuous wave, pulse, FM, or any combination of these as well as other transmission forms. Typical operating frequencies for the transmitters range from 1 MHz to 40 GHz but may be altered to suit the particular function being monitored and the characteristics of the specific subject.

The individual components of the system for monitoring and controlling brain wave activity may be of conventional type commonly employed in radar systems.

Various subassemblies of the brain wave monitoring and control apparatus may be added, substituted or combined. Thus, separate antennas or a single multi-mode antenna may be used for transmission and reception. Additional displays and computers may be added to present and analyze select components of the monitored brain waves.

Modulation of the interference signal retransmitted by the brain may be of amplitude, frequency and/or phase. Appropriate demodulators may be used to decipher the subject's brain activity and select components of his brain waves may be analyzed by computer to determine his mental state and monitor his thought processes.

As will be appreciated by those familiar with the art, apparatus and method of the subject invention has numerous uses. Persons in critical positions such as drivers and pilots can be continuously monitored with provision for activation of an emergency device in the event of human failure. Seizures, sleepiness and dreaming can be detected. Bodily functions such as pulse rate, heartbeat regularity and others also can be monitored and occurrences of hallucinations can be detected. The system also permits medical diagnoses of patients, inaccessible to physicians, from remote stations.

What is claimed is:

1. Brain wave monitoring apparatus comprising means for producing a base frequency signal, means for producing a first signal having a frequency related to that of the base frequency and at a predetermined phase related thereto, means for transmitting both said base frequency and said first signals to the brain of the subject being monitored, means for receiving a second signal transmitted by the brain of the subject being monitored in response to both said base frequency and said first signals, mixing means for producing from said base frequency signal and said received second signal a response signal having a frequency related to that of the base frequency, and means for interpreting said response signal.

2. Apparatus as in claim 1 where said receiving means comprises means for isolating the transmitted signals from the received second signals.

3. Apparatus as in claim 2 further comprising a band pass filter with an input connected to said isolating means and an output connected to said mixing means.

4. Apparatus as in claim 1 further comprising means for amplifying said response signal.

5. Apparatus as in claim 4 further comprising means for demodulating said amplified response signal.

6. Apparatus as in claim 5 further comprising interpreting means connected to the output of said demodulator means.

7. Apparatus according to claim 1 further comprising means for producing an electromagnetic wave control signal dependent on said response signal, and means for transmitting said control signal to the brain of said subject.

8. Apparatus as in claim 7 wherein said transmitting means comprises means for directing the electromagnetic wave control signal to a predetermined part of the brain.

9. A process for monitoring brain wave activity of a subject comprising the steps of

transmitting at least two electromagnetic energy signals of different frequencies to the brain of the subject being monitored, receiving an electromagnetic energy signal resulting from the mixing of said two signals in the brain modulated by the brain wave activity and retrans-

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mitted by the brain in response to said transmitted energy signals, and, interpreting said received signal.

10. A process as in claim 9 further comprising the step of transmitting a further electromagnetic wave signal to the brain to vary the brain wave activity. 5

11. A process as in claim 10 wherein the step of transmitting the further signals comprises obtaining a standard signal,

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comparing said received electromagnetic energy signals with said standard signal, producing a compensating signal corresponding to the comparison between said received electrogagnetic energy signals and the standard signal, and transmitting the compensating signals to the brain of the subject being monitored.

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US006011991A

United States Patent [19]

Mardirossian

[11] Patent Number: 6,011,991
[45] Date of Patent: Jan. 4, 2000

[54] COMMUNICATION SYSTEM AND METHOD INCLUDING BRAIN WAVE ANALYSIS AND/OR USE OF BRAIN ACTIVITY

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[73] Assignee: Technology Patents, LLC, Derwood, Md.

[21] Appl. No.: 09/206,365

[22] Filed: Dec. 7, 1998

[51] Int. Cl.⁷ A61N 5/00

[52] U.S. Cl. 600/544; 600/545

[58] Field of Search 600/300, 544-545;
128/897-898, 904, 905

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Primary Examiner—Cary O'Connor

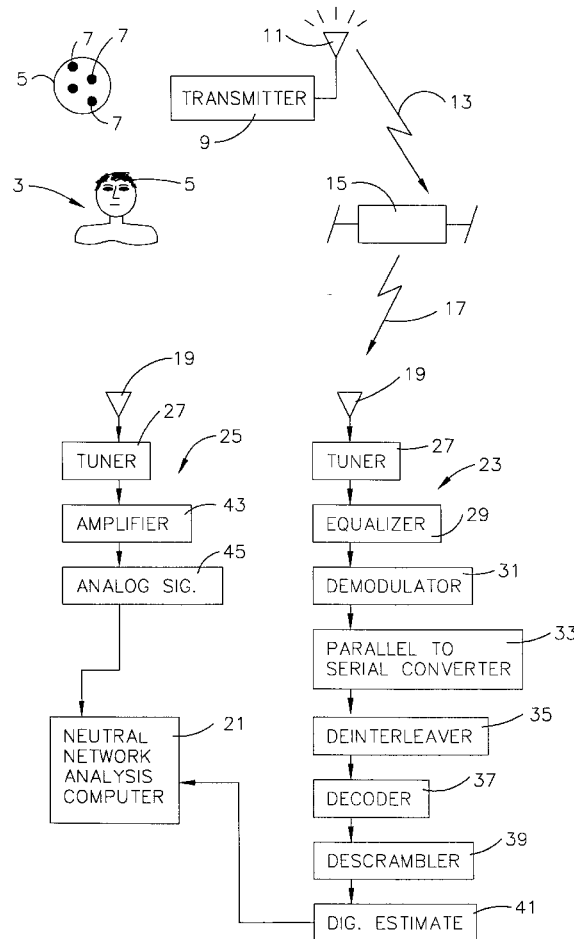
Assistant Examiner—Michael Astorino

Attorney, Agent, or Firm—Joseph A. Rhoa

[57] ABSTRACT

A system and method for enabling human beings to communicate by way of their monitored brain activity. The brain activity of an individual is monitored and transmitted to a remote location (e.g. by satellite). At the remote location, the monitored brain activity is compared with pre-recorded normalized brain activity curves, waveforms, or patterns to determine if a match or substantial match is found. If such a match is found, then the computer at the remote location determines that the individual was attempting to communicate the word, phrase, or thought corresponding to the matched stored normalized signal.

8 Claims, 3 Drawing Sheets



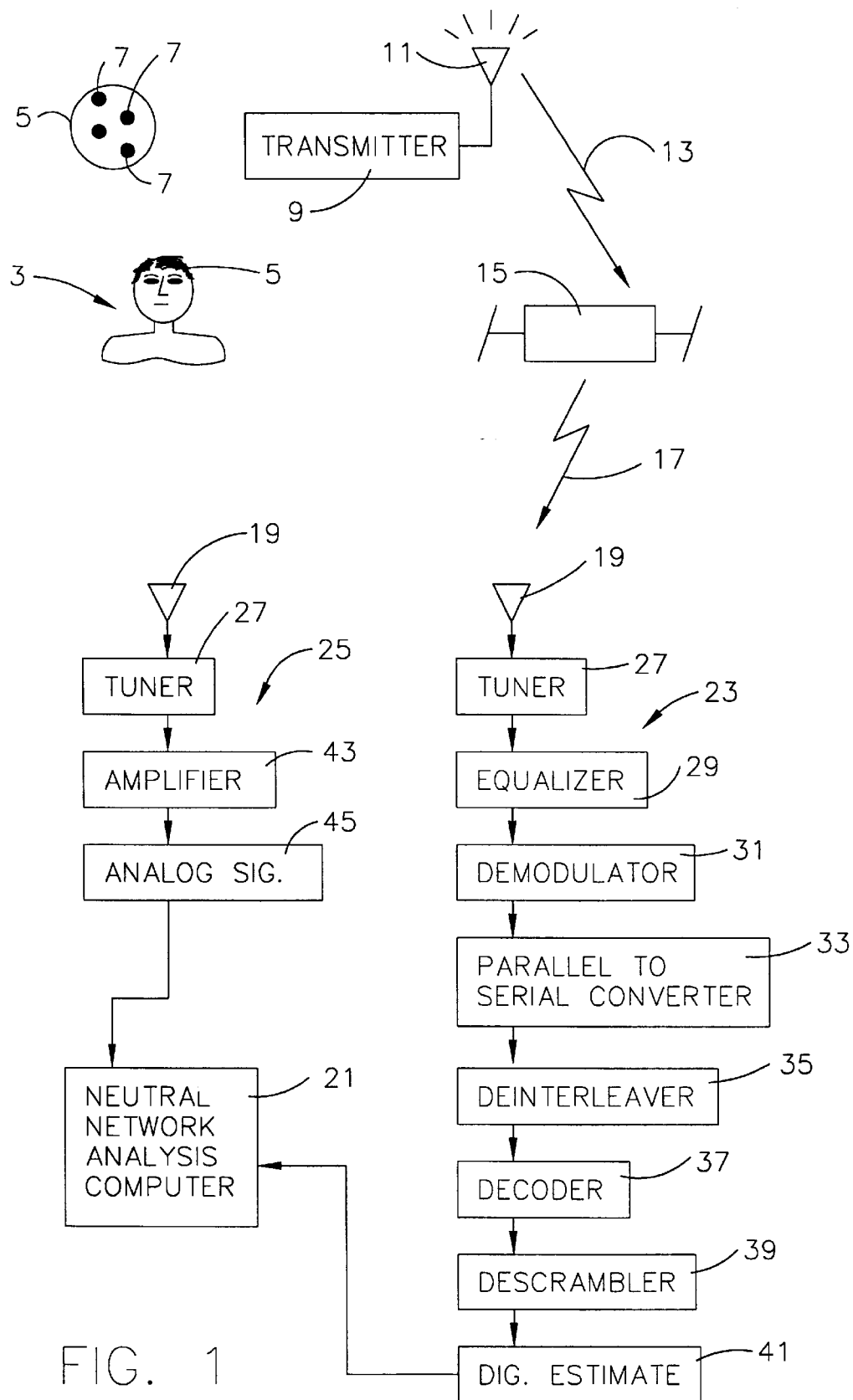


FIG. 2

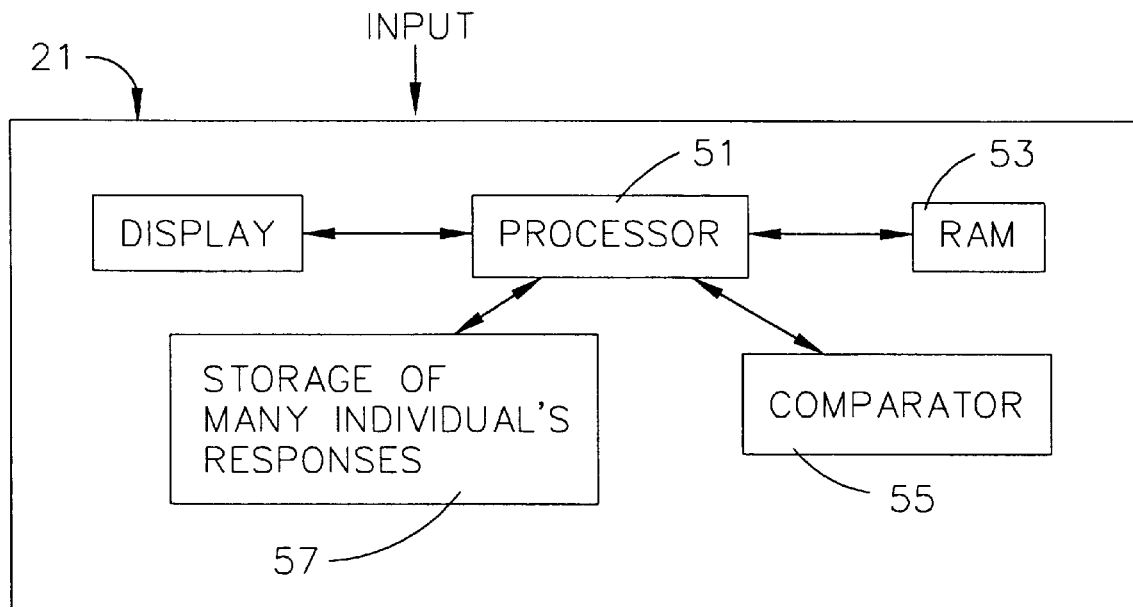


FIG. 3(a)



JOE (NO)

FIG. 3(b)



JOE (YES)

FIG. 3(c)

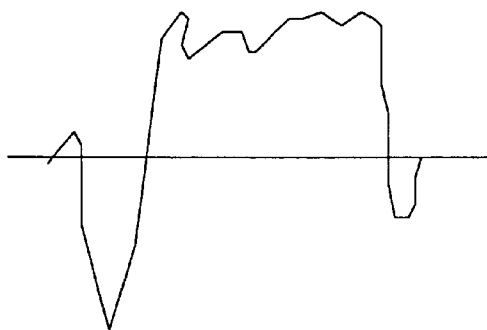


FIG. 3(d)

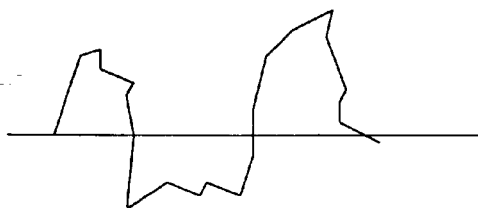
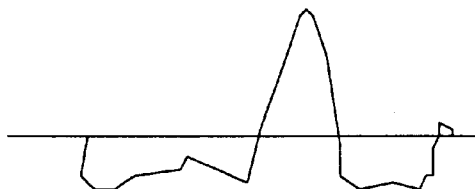


FIG. 3(e)



FIG. 3(f)



COMMUNICATION SYSTEM AND METHOD INCLUDING BRAIN WAVE ANALYSIS AND/ OR USE OF BRAIN ACTIVITY

This invention relates to a system and method for enabling human beings to communicate with one another by monitoring brain activity. In particular, this invention relates to such a system and method where brain activity of a particular individual is monitored and transmitted in a wireless manner (e.g. via satellite) from the location of the individual to a remote location so that the brain activity can be computer analyzed at the remote location thereby enabling the computer and/or individuals at the remote location to determine what the monitored individual was thinking or wishing to communicate.

In certain embodiments this invention relates to the analysis of brain waves or brain activity, and/or to the remote firing of select brain nodes in order to produce a predetermined effect on an individual.

BACKGROUND OF THE INVENTION

It is known to monitor brain activity by way of electroencephalograph (EEG) methods, magnetoencephalograph (MEG) methods, and the like. For example, see U.S. Pat. Nos. 5,816,247 and 5,325,862, the disclosures of which are both hereby incorporated herein by reference. As discussed in the '247 patent, an EEG may be recorded from a number of pairs of scalp electrodes and processed according to known software. Such software and/or hardware acquires both processed and unprocessed EEG data and may record it on a disk. The records may be replayed and statistics of the on-line measures made on suitable sections placed in categories predefined by a user. This may utilize the form of database of statistical measures of brain activity. Unfortunately, neither the '862 nor the '247 patents disclose or suggest any methods by which humans can communicate with one another by way of monitoring brain activity.

U.S. Pat. No. 5,719,561 discloses a communications device and method, the entire disclosure of the '561 patent hereby being incorporated herein by reference. The '561 patent discusses a method and device for vibromechanical tactile communications adaptable for use by individuals to recognize alpha numeric messages in a language or in other symbols known to them. The '561 patent discusses using a series of sequentially firing vibromechanical stimulators vibrating against a suitably tactile sensitive surface of the wearer (e.g. skin) to induce a phenomenon of illustration of linear continuity. Unfortunately, the '561 patent requires the use of burdensome and complex vibromechanical tactile devices, and is not suitable for long distance communication.

It is a purpose of this invention to address any or all of the above-identified problems in the prior art, as well as other problems which will become apparent to the skilled artisan from the following detailed description of this invention.

SUMMARY OF THE INVENTION

Generally speaking, this invention fulfills the above described needs in the art by providing a method of communicating comprising the steps of:

- providing a first human being at a first location;
- providing a computer at a second location that is remote from the first location;
- providing a satellite;
- providing at least one sensor (preferably a plurality—e.g. tens, hundreds, or thousands, with each sensor moni-

toring the firing of one or more brain nodes or synapse type members) on the first human being;

detecting brain activity of the first human being using the at least one sensor, and transmitting the detected brain activity to the satellite as a signal including brain activity information;

the satellite sending a signal including the brain activity information to the second location;

a receiver at the second location receiving the signal from the satellite and forwarding the brain activity information in the signal to the computer;

comparing the received brain activity information of the first human being with normalized or averaged brain activity information relating to the first human being from memory; and

determining whether the first human being was attempting to communicate particular words, phrases or thoughts, based upon the comparing of the received brain activity information to the information from memory.

In certain embodiments, the invention includes the following step: asking the first human being a plurality of questions and recording brain activity of the first human being responsive to the plurality of questions in the process of developing said normalized or averaged brain activity information relating to the first human being stored in the memory. A database in a memory may include, for each of a plurality (e.g. one hundred or thousands) of individuals, a number of prerecorded files each corresponding to a particular thought, attempt to communicate a word, attempt to communicate a phrase or thought, or mental state. Measured brain activity of a given individual may be compared to files from that database of that individual to determine what the individual is attempting to communicate or what type of mental state the individual is in.

In certain embodiments, the plurality of questions are the same question.

In certain embodiments, the plurality of questions are different questions.

In certain embodiments, the invention includes the step of normalizing or averaging recorded brain activity responsive to a given question or set of questions in developing the normalized or averaged brain activity information relating to the first human being.

It is an object of this invention to enable brain activity of a first human being to be monitored, with the activity being transmitted to a remote location so that individuals and/or a computer at the remote location can determine what the first human being was thinking or intending to communicate. In such a manner, human beings can communicate with one another via monitoring of brain activity, and transmission of the same.

It is another object of this invention to communicate monitored brain activity from one location to another in a wireless manner, such as by IR, RF, or satellite.

It is another object of this invention to provide a system capable of identifying particular nodes in an individual's brain, the firings of which affect characteristics such as appetite, hunger, thirst, communication skills (e.g. which nodes are utilized to communicate certain words such as "yes", "no", or phrases such as "I don't know", "I'm not sure", or numbers such as "one", "two", "ten", "one hundred" and the like), thought processes, depression, and the like). When such nodes are identified, they may be specifically monitored by one or more sensors to analyze behavior or communication or words, phrases, or thoughts. In other

embodiments, devices mounted to the person (e.g. underneath the scalp) may be energized in a predetermined manner or sequence to remotely cause particular identified brain node(s) to be fired in order to cause a predetermined feeling or reaction in the individual, such as lack of hunger, lack or depression, lack or thirst, lack of aggression, lack of alzheimer's disease effects, or the like.

Brain node firings are the basis of thought and mind processes of individuals. Certain embodiments of this invention enable such brain firings and behavior to be captured by an external device. It is an object of this invention to utilize a normalization or normalizing curve (or waveform or pattern) based upon monitored brain activity to detect or determine thought processes by the monitored individual. In such a manner, individuals can transmit by satellite what they are thinking or intending to think via their monitored brain activity, without the need to talk or write down information.

Each individual has a distinct pattern of brain node firings or brain activity. Each person is believed to be different in this regard. Thus, a separate brain activity file may be stored in a memory for each individual, and analyzed or compared to received brain activity from the monitored individual in order to determine what that individual is thinking or attempting to communicate.

It is an object of this invention to utilize brain monitoring and transmission of monitored brain activity for lie detection and/or human communication.

It is another object of this invention to formulate or build-up a file for each individual based upon patterns recorded in response to that individual answering or responding to numerous predetermined questions with known intended responses. Subsequently, monitored brain activity from that individual may then be compared to information stored corresponding to that individual to determine whether the individual is lying or what the individual is intending to communicate in the monitored brain activity. The higher the level of detail of the file, the higher the level of potential communication by certain embodiments of this invention.

At least one sensor on the scalp or skin in certain embodiments provides signals representative of physiological activity generated in the brain of a monitored individual. A data acquisition device receives the signals representative of the physiological activity generated in the monitored brain, and transforms the signals into a pattern or curve corresponding to the monitored brain activity. This is then transmitted (e.g. by satellite) to a computer located at a remote location, with the monitored brain activity pattern or curve being stored in a memory at the remote location. The computer then causes the received pattern or curve information to be compared with stored brain activity pattern information relating to the monitored individual in order to determine (a) whether the monitored individual is lying in response to a particular question, or (b) what the monitored individual is communicating or attempting to communicate.

Another object of this invention is to utilize normalization curves representative of received brain activity patterns from the monitored individual, and to compare the received normalized data with normalized brain activity pattern or curve data stored in memory relating to that individual. The use of normalization curves in one or both of the individual's file and received brain activity improves reliability, accuracy, and efficiency.

In certain embodiments of this invention, the computer located at the remote location includes a neural network suitably programmed in accordance with known neural

network techniques, for the purpose of receiving the monitored brain activity signals, transforming the signals into useful forms, training and testing the neural network to distinguish particular forms and patterns of physiological activity generated in the brain of the monitored individual, and/or comparing the received monitored brain activity information with stored information relating to that individual in order to determine what the individual is attempting to communicate.

This invention further fulfills the above described needs in the art by providing a method of affecting a mental or physiological state of an individual, the method comprising the steps of:

providing at least one firing device capable of being energized on an individual; and

energizing the firing device to cause the firing device to cause a particular or group of brain nodes to be fired in the individual in order to affect the mental or physiological state of the individual.

In certain embodiments, the method including the step of providing the at least one firing device on or under the scalp of the individual in proximity of the brain of the individual.

In certain embodiments, the method including the step of identifying at least one brain node related to the mental or physiological state intended to be affected, targeting the identified brain node, and energizing the firing device or devices to cause the identified node to be fired in order to affect the mental or physiological state of the individual.

In certain embodiments, the method is utilized to cause the individual to be one of less hungry, less thirsty, less anxious, and less depressed.

In certain embodiments, the remote node firing devices are electrically energized and generate electromagnetic waves which cause a plurality of brain nodes to be fired.

This invention will now be described with respect to certain embodiments thereof, along with reference to the accompanying illustrations.

IN THE DRAWINGS

FIG. 1 is a block diagram illustrating the system and method according to a first embodiment of this invention.

FIG. 2 is a block diagram illustrating the neural network inclusive computer of the FIG. 1 embodiment of this invention.

FIGS. 3(a)–3(f) are exemplary graphs of monitored brain activity of different individuals, with, for example, FIG. 3(a) illustrating monitored brain activity of a particular individual who is attempting to communicate the word “no” and FIG. 3(b) illustrating monitored brain activity of the same individual when that individual is attempting to communicate the word “yes.”

DETAILED DESCRIPTION OF CERTAIN EMBODIMENTS OF THIS INVENTION

Referring now more particularly to the accompanying drawings in which like reference numerals indicate like parts throughout the several views.

There are significant individual differences in electrical and magnetic activity in the brain. Brain node or synapse firings are chemically and/or electrically caused and/or related. Some characteristics of brain activity may be relatively stable when measured from day to day. Brain responses to sensory stimulation (e.g. visual, audible, olfactory, gustatory, etc.) as well as higher order cognitive processing (e.g. decision-making or thought/word

communication), can be examined in great detail using a variety of recording procedures. A recording of brain electrical activity is called an electroencephalograph (EEG), and a comparable record of magnetic activity is called a magnetoencephalogram (MEG). When human sensory systems are stimulated by a particular event (a given sound or optical effect) or when a human wishes to communicate a particular word or phrase (e.g. the word "yes" or the word "no"), there is a predictable sequence of processing that occurs in the brain. This processing generates an event related potential that can be recorded from the scalp beginning shortly after the onset of the stimulation, and lasting for approximately 0.5–4 seconds after the stimulation. These potentials can be repeatedly generated from individuals given the same stimulus or wishing to communicate the same word or phrase. In certain embodiments of this invention, brain activity may be repeatedly sampled, and response patterns averaged by way of a normalization curve or the like. Comparable recordings of averaged or normalized magnetic activity may be referred to as evoked fields. Neuroelectric and neuromagnetic recordings are subsets of general measurements referred to as bioelectric and biomagnetic measures. These measures refer to recordings which may be made from different types of tissue including neural, muscle, heart, etc. For example, EEG, evoked potentials (EP), MEG, position emission tomography (PET) of glucose, or single photon emission computed tomography (SPECT) may be used to monitor brain activity in different embodiments of this invention.

Event related potentials have been shown to be stable and unique to individuals. See U.S. Pat. No. 5,325,862, which is incorporated herein by reference. Although the actual shape of such potentials varies considerably from individual to individual, there is stability within individuals over time for individual waveforms. Sources of these potentials and variations thereof include individual differences in brain anatomy and differences in the way in which information is processed by each individual. Thus, it is feasible herein to utilize monitored brain waveforms for the purpose of determining whether an individual is lying or not, or what word or phrase a particular individual is attempting to communicate (without the need for writing information down or speaking).

Thus, evoked fields and/or event related potentials can be utilized as classifiers for several purposes. For example, because these potentials and/or fields are relatively unique to individuals, an individual's evoked field or event related potential (or brainprint) can be utilized to determine what thoughts an individual is communicating or attempting to communicate given knowledge of the identification of that individual and previously recorded patterns associated with that individual communicating predetermined words, phrases or thoughts. Because there is a remarkable degree of stability in individual waveforms of a person over time, it is possible to identify changes in individual event related potentials and evoked field patterns which can be utilized to determine when an individual is lying, or impaired in any way.

There are numerous neural networks in the brain, these networks having complex inner connections and non-linear response patterns. Relationships between the latencies and amplitudes of event related potentials and evoked field waveform features have become well understood. In addition, there are many individual variations in waveform morphology. Computing techniques modeled after brain neural functions are known in the art. They are typically referred to as neural network analysis techniques or computers. Neural network analysis computing technology

offers a method for finding complex, non-linear relationships in large data sets, even when the nature of the relationships is not known in advance. Neural network technology is implemented sometimes using computer software programs, but may also be hardware implemented. Neural network theory, and detailed descriptions of specific techniques, are available in numerous books and articles set forth in the aforesaid '862 patent, as well as in, for example, any of U.S. Pat. Nos. 5,136,687; 5,059,814; 5,461,699; 5,737,485; 5,224,203; and 5,640,493, the entire disclosures of which are all hereby incorporated herein by reference. Such neural computing systems have a capability to learn features of data sets and classify same into either unknown or predetermined categories. A variety of neural network techniques may be utilized to classify event related potentials, evoke fields, or any other type of pattern corresponding to monitored brain behavior. In most neural networks, input values are adjusted through a series of layers by a series of transforms and weighted so that output categories are correctly predicted. Thus, a neural computing system herein may be utilized to receive monitored brain activity and based upon predetermined stored and/or learned information, determine based upon the received information what word, phrase, or thoughts the monitored individual is attempting to communicate. In such a manner, the monitoring of brain activity may be utilized to allow individuals to communicate from one location to another, with the neural computer or any other type of computer analyzing the monitored brain information (e.g. via comparison with previously recorded brain activity of that person) and outputting information indicative of the word, phrase, or thoughts which the monitored individual is attempting to communicate.

FIG. 1 illustrates a particular monitored individual **3** according to an embodiment of this invention. Individual **3** includes a head **5**. As illustrated, sensors **7** may be attached or otherwise disposed adjacent to the scalp or skin of the individual **3**. Sensors **7** detect and monitor brain activity of individual **3**. Sensors **7** can detect event related potentials and/or event related fields (i.e. ERPs or ERFs). Optionally, sensor **7** may be utilized to detect any other type of "brainprint" indicative of brain activity of individual **3**.

The monitored "brainprint" of individual **3** is forwarded to a small transmitter **9** which is preferably embedded in the skin of individual **3**, or in close proximity to individual **3**. Transmitter **9** causes the monitored "brainprint" information detected by sensor **7** to be transmitted by way of antenna **11** as wireless signals **13**. In certain embodiments of this invention, signals **13** propagate through atmospheric free space in the form of uplink satellite signals toward satellite **15**. Satellite **15** receives signals **13** and then redirects those signals back toward Earth as signals **17** which include information therein (analog or digital) indicative of the monitored brain activity of individual **3**. Signals **17** are received by antenna **19**. Antenna **19** and individual **3** are both preferably located on Earth at different locations. In certain embodiments, antenna **19** is located at a location remote from individual **3**. For example, individual **3**, sensor **7**, transmitter **9**, and antenna **11** may all be located in Europe while receiving antenna **19** and computer **21** may be located in the United States.

FIG. 1 illustrates both a digital embodiment **23** and an analog embodiment **25** of receiving systems. Either may be utilized. When signals **17** include digital information, they are received by antenna **19** and forwarded to tuner **27**. The signals are processed through equalizer **29**, demodulator **31**, parallel to serial converter **33**, deinterleaver **35**, decoder **37**,

descrambler 39, digital estimator 41, and finally to neural network analysis or other type of computer 21. Monitored firings of brain nodes may be broken down into digital form (e.g. the firing of a node is equivalent to a "1" and nonfiring to a "0"). These 1s and 0s, which are digital, may be modulated onto a carrier and then transmitted to the satellite so that the monitored brain activity in the signal is in digital form. When the computer receives this monitored signal from the satellite, the demodulating system analyzes the received digital information (e.g. 1s and 0s) which is indicative of the firing of select brain nodes of the monitored individual. These digital signals may be transformed, in certain embodiments, into analog form similar to the illustrations of FIG. 3, or alternatively may be kept in digital form and compared with prestored digital signals to determine what the monitored person was intending to communicate.

In analog embodiments, signal 17 is received by antenna 19, and the information forwarded to tuner 27, amplifier 43, and the analog information inclusive signal 45 is forwarded to computer 21. In analog embodiments, the signals received by the monitoring sensors are in the form of waves similar to those shown in FIG. 3 herein.

FIG. 2 is a block diagram of computer 21 in certain embodiments of this invention. The input thereto may be in either analog or digital form. Computer 21 includes processor 51, RAM 53, comparing device 55, and memory 57 for storing a plurality of files or patterns of measured brain activity or responses of particular individuals. For example, memory or storage 57 may include one file for individual X which includes hundreds of monitored brain activity (e.g. ERPs or ERFs) that were measured when individual X was attempting to communicate the word "no." Another file in storage or memory 57 may have stored therein hundreds or thousands of monitored brain patterns or activities of individual X when individual X was attempting to communicate the word "yes." Storage or memory 57 may also include similar files for individual X including patterns which were measured when the individual was attempting to communicate different words or phrases. Each of these files may have a normalized curve, waveform or pattern formed or developed for each word, phrase, or thought for each individual, based upon all of the recorded patterns or curves for that word, phrase, or thought (e.g. 1,000 such recordings for the phrase "help me," and 1,000 for the phrase "I've been caught." Memory 57 further includes in certain embodiments many different files for many different individuals, all including files for each individual's past communicating of particular words, phrases, or thoughts.

Normalized curves or patterns corresponding to each individual's attempt to communicate a particular word, thought, or a pattern may be stored in storage or memory 57. Thus, for individual X attempting to communicate the word "no", a normalized curve, waveform, or a pattern may be stored in memory 57 indicative of such a communication. Likewise, a normalized curve, waveform, or pattern may be stored in memory 57 for individual Y attempting to communicate the word "no" and another distinct normalized curve, waveform, or pattern may be stored in memory 57 for individual Y attempting to communicate the word "yes." In a similar manner, a normalized curve, waveform or pattern may be stored in memory 57 for individual Y attempting to communicate the phrase "I don't know" or "I'm not sure." Thus, if one hundred different human beings have files in memory 57 corresponding to each of these individual's attempt to communicate the phrase "I don't know", then one hundred different normalized waveforms, curves or patterns

would be stored in memory 57, each corresponding to a particular individual. A normalized curve, waveform, or pattern may be developed by repeatedly asking an individual tens, hundreds, or thousands of times a particular question or group of questions which evoke a known response such as "I don't know," or "no" or "yes." Each time the response is made, a curve, waveform, or a pattern is recorded. After tens, hundreds, or even thousands of these patterns have been recorded, a normalized curve, waveform or pattern is formed based upon same so as to be indicative of that particular individual's attempt to communicate the phrase. In a similar manner, if it is desired to store normalized curves, waveforms, or patterns for ten different words, phrases or thoughts communicated by a particular individual, then a normalized curve, waveform, or pattern is developed for each of the different ten items so that ten different normalized curves, waveforms or patterns are stored in memory 57 for that individual and classified accordingly. Thus, when computer 21 receives signals indicating brain activity from that monitored individual, the received signals are compared by device 55 to the ten different normalized signals in memory 57 in order to determine what the individual is attempting to communicate.

FIGS. 3(a)–3(f) illustrate different normalized curves which may be stored in memory 57. FIG. 3(a) shows a normalized curve indicative of individual "Joe" attempting to communicate the word "no." FIG. 3(b) shows a normalized curve indicative of individual "Joe" attempting to communicate the word "yes." FIG. 3(c) shows a normalized curve indicative of another individual "Steve" attempting to communicate the word "no", while FIG. 3(d) shows a normalized curve indicative of individual "Steve" attempting to communicate the word "yes." Finally, FIG. 3(e) shows a normalized curve indicative of still another individual "Anita" attempting to communicate the word "no", while FIG. 3(f) illustrates a normalized curve of "Anita" attempting to communicate the word "yes."

Thus, if computer 21 receives a signal including monitored brain information identified as being from individual "Steve", then computer 21 causes the received signal to be compared by device 55 with the normalized curves or waveforms shown in FIGS. 3(c) and 3(d) and all others normalized stored signals of "Steve." If a match or a close match is found between the received monitored signal and the normalized curve of FIG. 3(c), then the computer determines that "Steve" was attempting to communicate the word "no." Meanwhile, if no match is found with the normalized curve of FIG. 3(c), but a match or a substantial match is found with regard to the normalized curve or waveform of FIG. 3(d), then the computer determines that "Steve" was attempting to communicate the word "yes." If no match is found between the received "Steve" signal and any normalized curve or waveform of either FIG. 3(c) or FIG. 3(d), or with any other normalized curve stored in memory 57 corresponding to "Steve", then the computer determines that it is unclear what "Steve" was attempting to communicate.

Thus, different embodiments of this invention may be utilized to help individuals communicate with one another without having to send faxes, make telephone calls, speak, or the like. For instance, military personnel located in the Middle East or Europe can communicate with superiors in the Pentagon, simply by use of monitored brain activity being transmitted by satellite to the Pentagon. Alternatively, a special operations individual (e.g. a spy) located in Europe could be asked a question by way of a telephone call, fax, or the like, and that individual can respond to that question

simply by thinking the answer so that that individual's monitored brain activity which is transmitted back to the United States can be analyzed to determine the individual's response. In further embodiments of this invention, two-way human communication is possible, provided that human beings at both locations have equipment capable of analyzing and monitoring received monitored brain activity. In such a manner, individuals at two remote locations may communicate with one another without either individual having to speak a word, write anything down, or the like.

In other embodiments, devices mounted to the person (e.g. underneath the scalp) may be energized in a predetermined manner or sequence to remotely cause particular identified brain node(s) to be fired in order to cause a predetermined feeling or reaction in the individual, such as lack of hunger, lack of depression, lack of thirst, lack of aggression, lack of alzheimer's disease effects, or the like. In an example of such an embodiment, the sensors may be replaced with remote firing devices. The computer may cause satellite signals to be sent to a receiver on or proximate an individual, which receiver forwards instructions to the remote firing devices that are mounted, e.g. under the scalp of the individual, in order to selectively cause same to fire or be energized. Such energizing of the device(s) under or near the scalp in a predetermined manner tend to cause identified brain nodes to fire a predetermined number of times. This is useful, for example, in the following scenarios. For example, the system can be used to identify which brain node(s) in a particular individual are typically fired causing that individual to not be hungry. If that individual has an eating disorder or problems with obesity, then the firing devices can be remotely energized thereby causing the identified brain node(s) to be fired at predetermined or random times in order to cause the individual to not be hungry (even if the individual has not eaten for several hours or several days).

In a similar manner, brain nodes which cause an individual to be jovial or not depressed can be identified, and caused to be remotely fired by the computer and firing devices 7 mounted under the scalp in a predetermined manner or sequence(s) in order to minimize or prevent depression of the individual. This may eliminate the need for drugs such as Prozac. Alternatively, such drug(s) may be administered after such remote node firings, and the nodes at issue thereafter being monitored as discussed above and a biofeedback being performed to determine the effectiveness of the drug(s) or alternatively to enable a system to be utilized combining drug treatment with remote node firings to more effectively prevent or minimize depression of the individual. Thus, the biofeedback may enable the identified nodes to be fired by the firing devices and/or drug treatment at the proper level to most efficiently treat the disease, illness or state. This invention, including remote firings and/or monitoring, is not limited to these examples, and its potential uses are almost endless. Brain node firings can be remotely controlled in a predetermined manner or sequence (s) (even random or sequential) to reduce, minimize, or eliminate undesirable behavior or mental characteristics. This may eliminate or reduce the need for burdensome drug treatments and the like. Brain node firings of a normal person, or of a particular person in a given mental or physical state, may be monitored and the brain activity stored and analyzed in the computer 21 memory. This stored brain activity may then be caused by remotely causing the firing devices to cause particular brain node(s) to be fired at given times or intervals in a predetermined manner or sequence. The computer may be programmed to instruct the

brain sensors and/or firing devices to identify which brain nodes are responsible for which types of physical or mental behavior, and then the computer transmits firing instructions to the firing devices for those nodes to cause them to be fired in a predetermined manner to effect such physical or mental behavior.

Once given the above disclosure, many other features, modifications, and improvements will become apparent to the skilled artisan. Such other features, modifications, and improvements are, therefore, considered to be a part of this invention, the scope of which is to be determined by the following claims.

I claim:

1. A method of communicating comprising the steps of:
providing a first human being at a first location;
providing a computer at a second location that is remote from the first location;
providing a satellite;

providing at least one sensor on the first human being;
detecting brain activity of the first human being using the at least one sensor, and transmitting the detected brain activity to the satellite as a signal including brain activity information;

the satellite sending a signal including the brain activity information to the second location;

a receiver at the second location receiving the signal from the satellite and forwarding the brain activity information in the signal to the computer;

comparing the received brain activity information of the first human being with normalized or averaged brain activity information relating to the first human being from memory; and

determining whether the first human being was attempting to communicate particular words, phrases or thoughts, based upon the comparing of the received brain activity information to the information from memory.

2. The method of claim 1, further including the following steps:

asking the first human being a plurality of questions and recording brain activity of the first human being responsive to the plurality of questions in the process of developing said normalized or averaged brain activity information relating to the first human being stored in the memory.

3. The method of claim 2, wherein the plurality of questions are the same question.

4. The method of claim 2, wherein the plurality of questions are different questions.

5. The method of claim 2, further comprising the step of normalizing or averaging recorded brain activity responsive to a given question or set of questions in developing the normalized or averaged brain activity information relating to the first human being.

6. A method of communicating words from a first location to a second location, the method comprising the steps of:

providing a first human being at the first location;
providing a computer at the second location that is remote from the first location;

providing at least one sensor on the first human being;
detecting brain activity of the first human being using the at least one sensor wherein the brain activity is indicative of words to be communicated by the first human being, and forwarding the detected brain activity indicative of words to be communicated to the computer at the second location;

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comparing the received brain activity of the first human being indicative of words to be communicated with normalized or averaged brain activity information relating to the first human being from memory; and determining words being communicated by the first human being based upon the comparing of the received brain activity information to the information from memory.

7. The method of claim 6, further including asking the first human being a plurality of questions and recording brain activity of the first human being responsive to the plurality

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of questions in a process of developing the normalized or averaged brain activity information relating to the first human being.

8. The method of claim 6, further comprising the step of the computer outputting words determined in said determining step to a second human being so that words thought or stated by the first human being are communicated by the first human being to the second human being via the computer.

* * * * *



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(12) **United States Patent**
O'Loughlin et al.

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(45) **Date of Patent:** **Oct. 22, 2002**

(54) **METHOD AND DEVICE FOR
IMPLEMENTING THE RADIO FREQUENCY
HEARING EFFECT**

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(51) Int. Cl.⁷ **H04B 7/00**

(52) U.S. Cl. **607/56; 128/898**

(58) Field of Search 607/55, 56; 600/559,
600/23, 586; 128/897, 898

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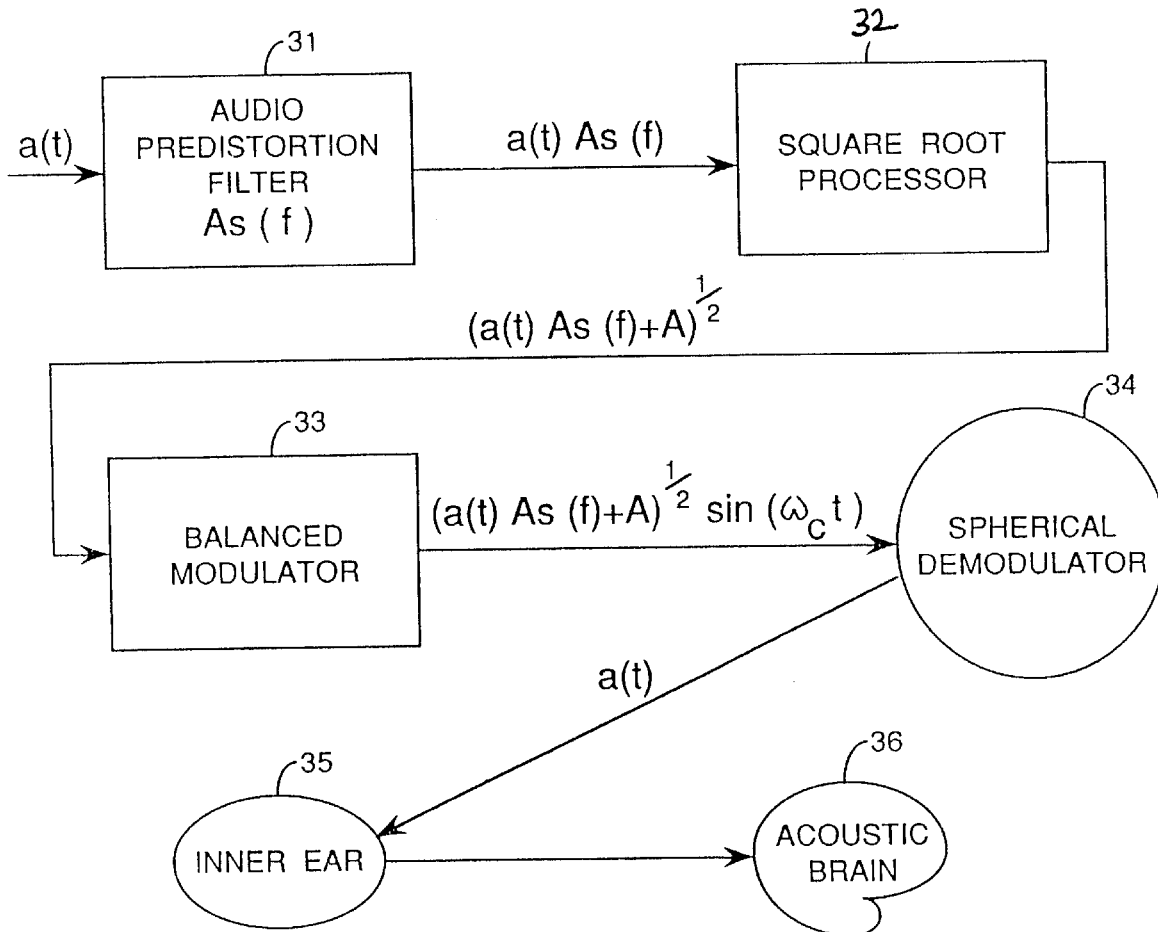
Primary Examiner—Kennedy Schaetzle

(74) *Attorney, Agent, or Firm*—James M. Skorich; Kenneth
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(57) **ABSTRACT**

A modulation process with a fully suppressed carrier and input preprocessor filtering to produce an encoded output; for amplitude modulation (AM) and audio speech preprocessor filtering, intelligible subjective sound is produced when the encoded signal is demodulated using the RF Hearing Effect. Suitable forms of carrier suppressed modulation include single sideband (SSB) and carrier suppressed amplitude modulation (CSAM), with both sidebands present.

3 Claims, 3 Drawing Sheets



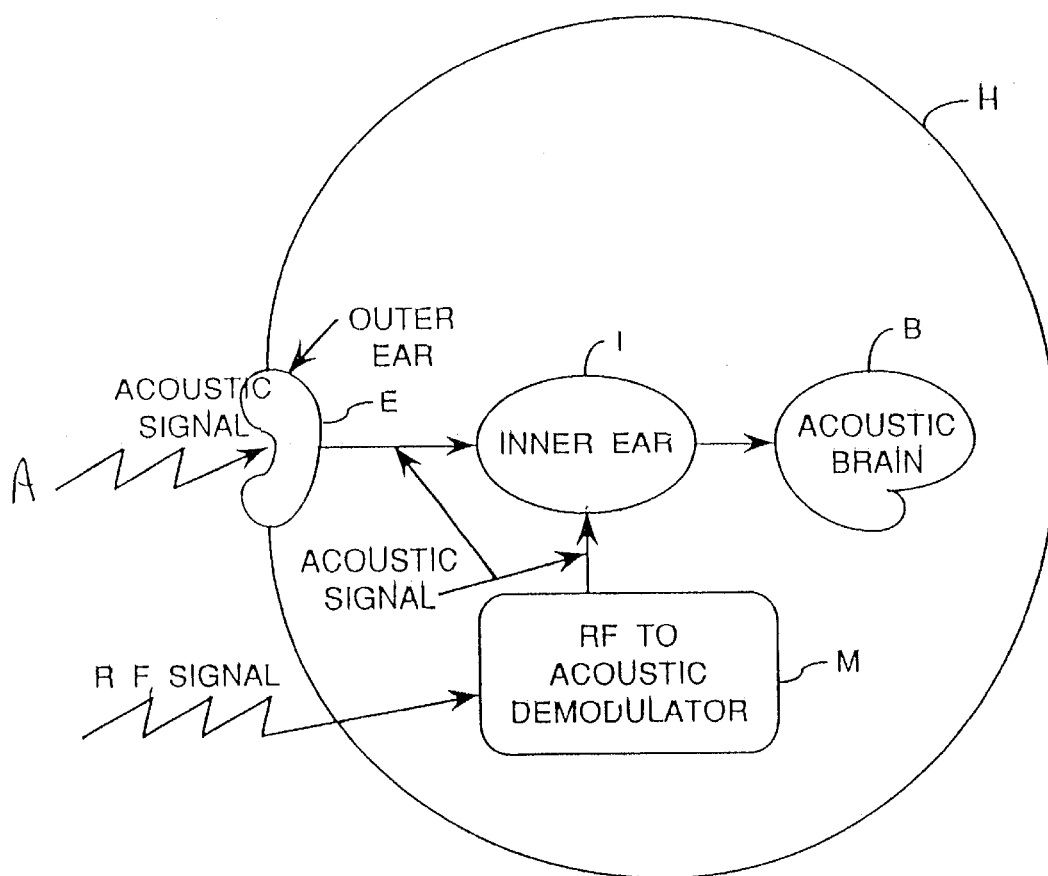
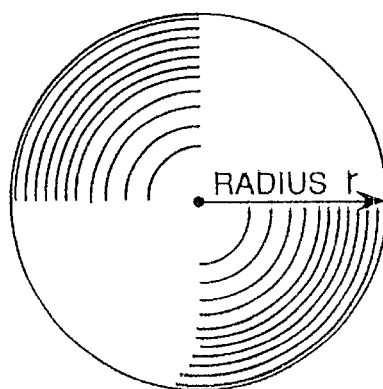


FIG. 1



SPHERICAL RF / ACOUSTIC TRANSDUCER

FIG. 2

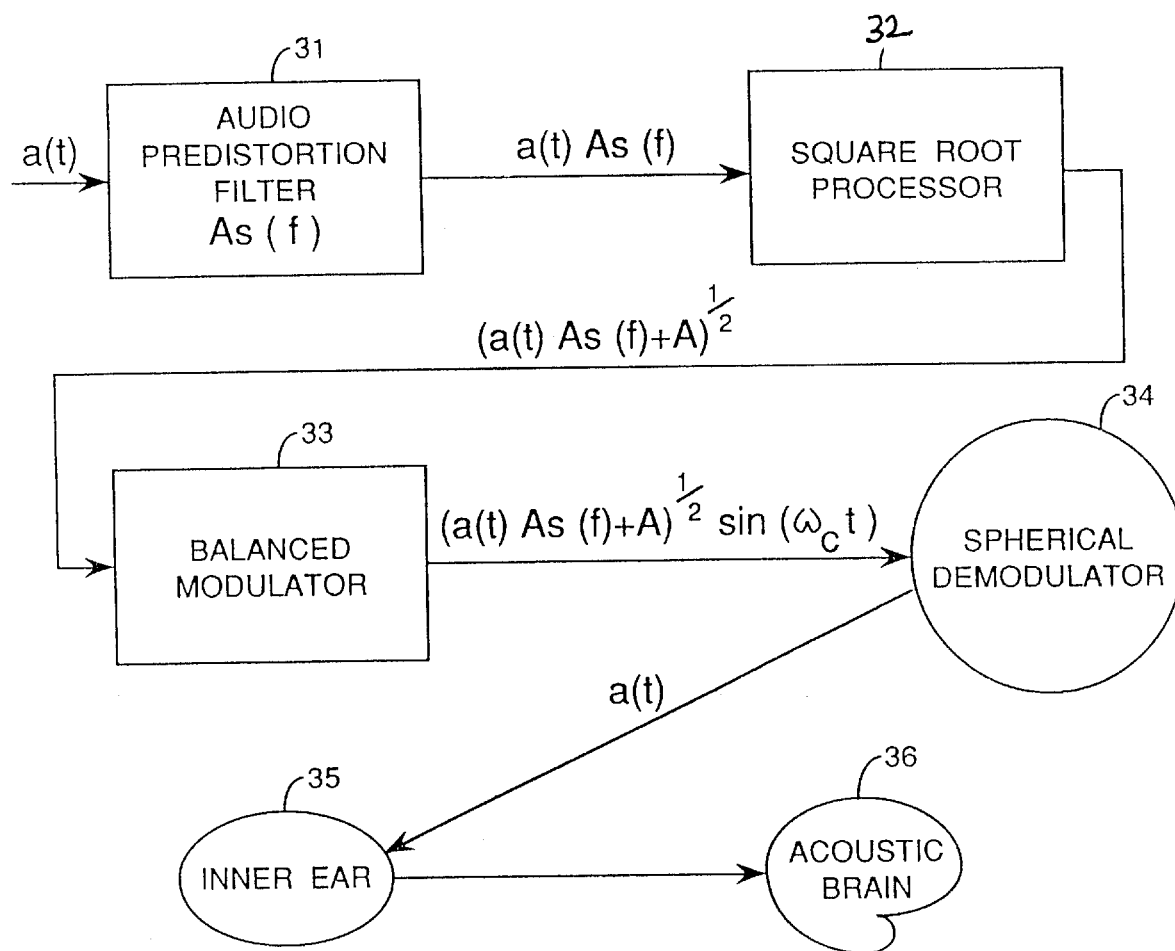


FIG. 3

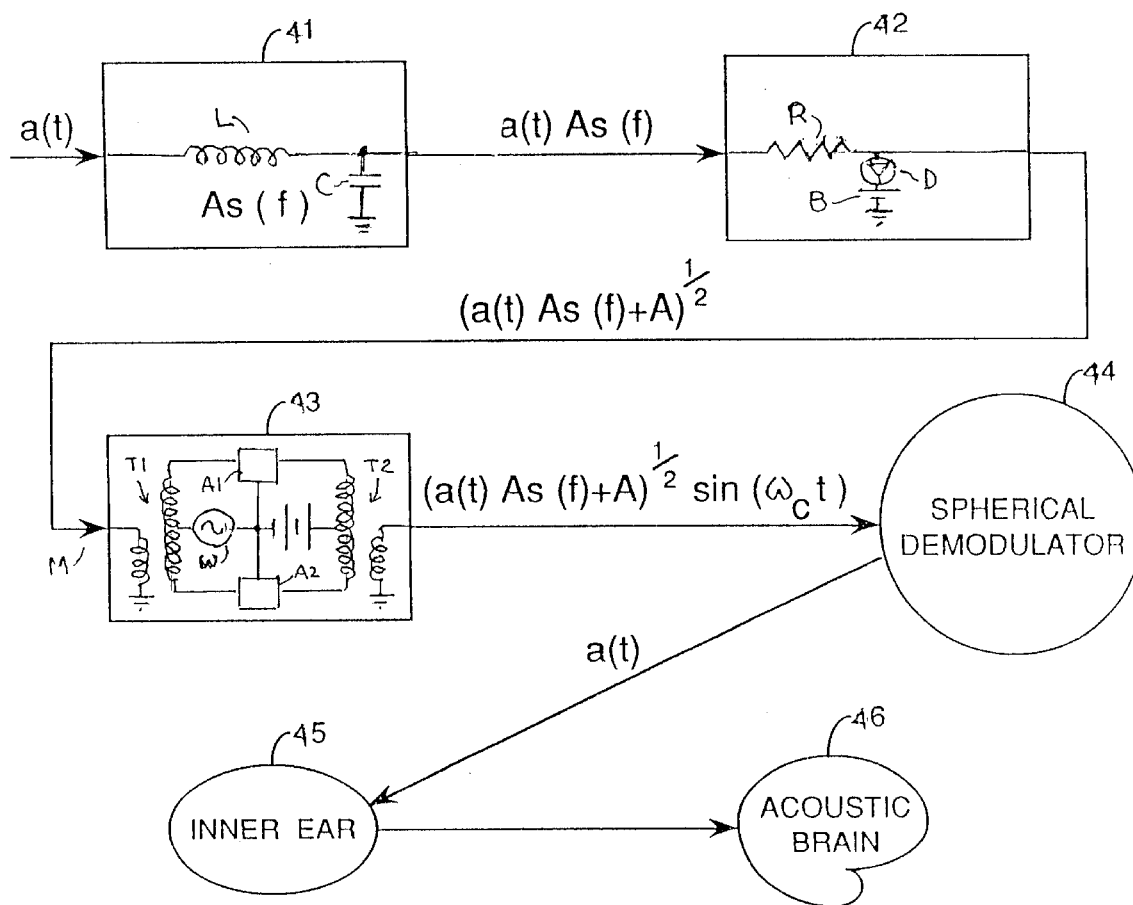


FIG. 4

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METHOD AND DEVICE FOR IMPLEMENTING THE RADIO FREQUENCY HEARING EFFECT

STATEMENT OF GOVERNMENT INTEREST

The invention described herein may be manufactured and used by or for the Government for governmental purposes without the payment of any royalty thereon.

BACKGROUND OF THE INVENTION

This invention relates to the modulating of signals on carriers, which are transmitted and the signals intelligibly recovered, and more particularly, to the modulation of speech on a carrier and the intelligible recover of the speech by means of the Radio Frequency Hearing Effect.

The Radio Frequency ("RF") Hearing Effect was first noticed during World War II as a subjective "click" produced by a pulsed radar signal when the transmitted power is above a "threshold" level. Below the threshold level, the click cannot be heard.

The discovery of the Radio Frequency Hearing Effect suggested that a pulsed RF carrier could be encoded with an amplitude modulated ("AM") envelope. In one approach to pulsed carrier modulation, it was assumed that the "click" of the pulsed carrier was similar to a data sample and could be used to synthesize both simple and complex tones such as speech. Although pulsed carrier modulation can induce a subjective sensation for simple tones, it severely distorts the complex waveforms of speech, as has been confirmed experimentally.

The presence of this kind of distortion has prevented the click process for the encoding of intelligible speech. An example is provided by AM sampled data modulation.

Upon demodulation the perceived speech signal has some of the envelope characteristics of an audio signal. Consequently a message can be recognized as speech when a listener is preadvised that speech has been sent. However, if the listener does not know the content of the message, the audio signal is unintelligible.

The attempt to use the click process to encode speech has been based on the assumption that if simple tones can be encoded, speech can be encoded as well, but this is not so.

A simple tone can contain several distortions and still be perceived as a tone whereas the same degree of distortion applied to speech renders it unintelligible.

SUMMARY OF THE INVENTION

In accomplishing the foregoing and related object the invention uses a. modulation process with a fully suppressed carrier and pre-processor filtering of the input to produce an encoded output. Where amplitude modulation (AM) is employed and the pre-processor filtering is of audio speech input, intelligible subjective sound is produced when the encoded signal is demodulated by means of the RF Hearing Effect. Suitable forms of carrier suppressed modulation include single sideband (SSB) and carrier suppressed amplitude modulation (CSAM), with both sidebands present.

The invention further provides for analysis of the RF hearing phenomena based on an RF to acoustic transducer model. Analysis of the model suggests a new modulation process which permits the RF Hearing Effect to be used following the transmission of encoded speech.

In accordance with one aspect of the invention the pre-processing of an input speech signal takes place with a filter

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that de-emphasizes the high frequency content of the input speech signal. The de-emphasis can provide a signal reduction of about 40 dB (decibels) per decade. Further processing of the speech signal then takes place by adding a bias level and taking a root of the predistorted waveform. The resultant signal is used to modulate an RF carrier in the AM fully suppressed carrier mode, with single or double sidebands.

The modulated RF signal is demodulated by an RF to acoustic demodulator that produces an intelligible acoustic replication of the original input speech.

The RF Hearing Effect is explained and analyzed as a thermal to acoustic demodulating process. Energy absorption in a medium, such as the head, causes mechanical expansion and contraction, and thus an acoustic signal.

When the expansion and contraction take place in the head of an animal, the acoustic signal is passed by conduction to the inner ear where it is further processed as if it were an acoustic signal from the outer ear.

The RF to Acoustic Demodulator thus has characteristics which permit the conversion of the RF energy input to an acoustic output.

Accordingly, it is an object of the invention to provide a novel technique for the intelligible encoding of signals. A related object is to provide for the intelligible encoding of speech.

Another object of the invention is to make use of the Radio Frequency ("RF") Hearing Effect in the intelligible demodulation of encoded signals, including speech.

Still another object of the invention is to suitably encode a pulsed RF carrier with an amplitude modulated ("AM") envelope such that the modulation will be intelligibly demodulated by means of the RF Hearing Effect. A related object is to permit a message to be identified and understood as speech when a listener does not know beforehand that the message is speech.

Other aspects of the invention will become apparent after considering several illustrative embodiments, taken in conjunction with the drawings.

DESCRIPTION OF THE DRAWINGS

FIG. 1 is a block diagram model of RF to Acoustic Demodulation Process making use of the Radio Frequency ("RF") Hearing Effect;

FIG. 2 is a spherical demodulator and radiator having a specific acoustic impedance for demodulation using the RF Hearing Effect;

FIG. 3 is a diagram illustrating the overall process and constituents of the invention; and

FIG. 4 is an illustrative circuit and wiring diagram for the components of FIG. 3.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

With reference to the drawings, FIG. 1 illustrates the RF to acoustic demodulation process of the invention. Ordinarily and acoustic signal A reaches the outer ear E of the head H and traverses first to the inner ear I and then to the acoustic receptors of the brain B. A modulated RF signal, however, enters a demodulator D, which is illustratively provided by the mass M of the brain, and is approximated, as shown in FIG. 2, by a sphere S of radius r in the head H. The radius r of the sphere S is about 7 cm to make the sphere S equivalent to about the volume of the brain B. It will be

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appreciated that where the demodulator D, which can be an external component, is not employed with the acoustic receptors of the brain B, it can have other forms.

The sphere S, or its equivalent ellipsoid or similar solid, absorbs RF power which causes an increase in temperature that in turn causes an expansion and contraction which results in an acoustic wave. As a first approximation, it is assumed that the RF power is absorbed uniformly in the brain. Where the demodulator D is external to the brain B, the medium and/or RF carrier frequency can be selected to assure sufficiently uniform absorption.

For the modulated RF signal of FIG. 1, the power absorbed in the sphere S is proportional to the power waveform of the modulated RF signal. The absorption rate is characterized quantitatively in terms of the SAR (Specific Absorption Rate) in the units of absorbed watts per kilogram per incident watt per square centimeter.

The temperature of the sphere S is taken as following the integrated heat input from the power waveform, i.e. the process is approximated as being adiabatic, at least for short term intervals on the order of a few minutes.

The radial expansion of the sphere follows temperature and is converted to sound pressure, $p(t)$, determined by the radial velocity (U_r) multiplied by the real part of the specific acoustic impedance (Z_s) of the sphere, as indicated in equation (1), below.

$$Z_s = \rho_o c (jkr) / (1 + jkr) = \rho_o c j f f_c / (1 + j f f_c) \quad (1)$$

Where:

ρ_o = density, 1000 kg/m³ for water

c = speed of sound, 1560 m/s, in water @ 37° C.

k = wave number, $2\pi/\text{wavelength}$

r = sphere radius, in meters (m)

f = audio frequency

f_c = lower cutoff break frequency, $= c / (2 \pi r)$

j = the 90 degree phase-shift operator.

The specific acoustic impedance for a sphere of 7 cm radius, on the order of the size of the brain, has a lower cut-off break frequency of about 3,547 Hertz (Hz) for the parameters given for equation (1). The essential frequency range of speech is about 300 to 3000 Hz, i.e., below the cut-off frequency. It is therefore the Real part (R_c) of Z_s times the radial particle velocity (U_r) which determines the sound pressure, $p(t)$. The real part of Z_s is given by equation (1a), below:

$$R_c(Z_s) = \rho_o c (f f_c)^2 / (1 + (f f_c)^2) \quad (1a)$$

In the speech spectrum, which is below the brain cut-off frequency, the sphere S is an acoustic filter which "rolls off", i.e. decreases in amplitude at -40 dB per decade with decreasing frequency. In addition to any other demodulation processes to be analyzed below, the filter characteristics of the sphere will modify the acoustic signal with a 40 dB per decade slope in favor of the high frequencies.

Results for an AM Modulated Single Tone

An RF carrier with amplitude A_c at frequency ω_c is AM modulated 100 percent with a single tone audio signal at frequency ω_a . The voltage (time) equation of this modulated signal is given by equation (2), below:

$$V(t) = A_c \sin(\omega_c t) (1 + \sin(\omega_a t)) \quad (2)$$

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The power signal is $V(t)^2$ as given by equation (3), below:

$$P(t) = A_c^2 [3/4 + \sin(\omega_a t) - 1/4 \cos(2\omega_a t) - 1/4 \cos(2\omega_c t) - \cos(2\omega_c t) \sin(\omega_a t) + 1/4 \cos(2\omega_c t) \cos(2\omega_a t)] \quad (3)$$

To find the energy absorbed in the sphere, the time integral of equation (3) is taken times the absorption coefficient, K . The result is divided by the specific heat, SH , to obtain the temperature of the sphere and then multiplied by the volume expansion coefficient, Mv to obtain the change in volume. The change in volume is related to the change in radius by equation (4), below:

$$dV/V = 3dr/r \quad (4)$$

To obtain the amplitude of the radius change, there is multiplication by the radius and division by three. The rms radial surface velocity, U_r , is determined by multiplying the time derivative by r and dividing by $2^{1/2}$. The result, U_r , is proportional to the power function, $P(t)$ in equation (5), below.

$$U_r = 0.3535 P(t) r K M_v / (3SH) \quad (5)$$

The acoustic pressure, $p(t)$, is given in equation (6), below, as the result of multiplying equation (5) by the Real part of the specific acoustic impedance, R_c (1).

$$p(t) = R_c \{Z_s U_r\} = R_c(Z_s) U_r \quad (6)$$

The SPL (Sound Pressure Level), in acoustic dB, is approximated as $20 \log[p(t)/2E-5]$. The standard acoustic reference level of 2E-5 Newtons per square meter is based on a signal in air; however, the head has a water-like consistency. Therefore, the subjective level in acoustic dB is only approximate, but sufficient for first order accuracy.

In a single tone case the incident RF power, $P(t)$, from equation (3) has two terms as shown in equation (7), below, which are in the hearing range.

$$\sin(\omega_a t) - 1/4 \cos(2\omega_a t) \quad (7)$$

This is converted to the acoustic pressure wave, $p(t)$, by multiplying by the specific acoustic impedance calculated at the two frequencies. Therefore, the resulting pressure wave as indicated in equation (8), below, becomes

$$p(t) = C [Z_s(\omega_a) \sin(\omega_a t) - 1/4 Z_s(2\omega_a) \cos(2\omega_a t)] \quad (8)$$

The result is an audio frequency and a second harmonic at about 1/4 amplitude. Thus using an RF carrier, AM modulated by a single tone, the pressure wave audio signal will consist of the audio tone and a second harmonic at about -6 dB, if the specific acoustic impedances at the two frequencies are the same. However, from equation (1) the break frequency of a model 7 cm sphere is 3.547 Hz. Most of the speech spectrum is below this frequency therefore the specific acoustic impedance is reactive and the real component is given by equation (8a), below:

$$R_c \{Z_s(f)\} = \rho_o c (f f_c)^2 / (1 + (f f_c)^2) \quad (8a)$$

Below the cutoff frequency the real part of the impedance varies as the square of the frequency or gives a boost of 40 dB per decade. Therefore, if the input modulation signal is 1 kHz, the second harmonic will have a boost of about 4 time in amplitude, or 12 dB, due to the variation of the real part of the specific acoustic impedance with frequency. So the second harmonic pressure term in equation (8) is actually four times the power or 6 dB higher than the fundamental term. If the second harmonic falls above the cutoff frequency then the boost begins to fall back to 0 dB. However, for most of the speech spectrum there is a severe distortion and strong boost of the high frequency distortion components.

Results for Two Tone AM Modulation Analysis

Because of the distortion attending single tone modulation, predistortion of the modulation could be attempted such that the resulting demodulated pressure wave will not contain harmonic distortion. This will not work, however, because of the non-linear cross-products of two-tone modulation are quite different from single tone modulation as shown below.

Nevertheless, two-tone modulation distortion provides an insight for the design of a corrective process for a complex modulation signal such as speech. The nature of the distortion is defined in terms of relative amplitudes and frequencies.

Equation (8a) is that of an AM modulated carrier for the two-tone case where ω_{a1} and ω_{a2} are of equal amplitude and together modulate the carrier to a maximum peak value of 100 percent. The total modulated RF signal is given by equation (8b), below:

$$V(t) = A_c \sin(\omega_c t) [1 + \frac{1}{2} \sin(\omega_{a1} t) + \frac{1}{2} \sin(\omega_{a2} t)] \quad (8b)$$

The square of (8b) is the power signal, which has the same form as the particle velocity, $U_p(t)$, of equation (9), below.

From the square of (8b) the following frequencies and relative amplitudes are obtained for the particle velocity wave, $U_p(t)$, which are in the audio range;

$$U_p(t) = C [\sin(\omega_{a1} t) + \sin(\omega_{a2} t) + \frac{1}{4} \cos((\omega_{a1} - \omega_{a2})t) + \frac{1}{4} \cos((\omega_{a1} + \omega_{a2})t) - \frac{1}{8} \cos(2\omega_{a1} t) - \frac{1}{8} \cos(2\omega_{a2} t)] \quad (9)$$

If the frequencies in equation (9) are below the cut-off frequency, the impedance boost correction will result in a pressure wave with relative amplitudes given in equation (9a), below:

$$p(t) = C [\sin(\omega_{a1} t) + b^2 \sin(\omega_{a2} t) + (1 - b^2)/4 \cos((\omega_{a1} - \omega_{a2})t) + (1 + b^2)/4 \cos((\omega_{a1} + \omega_{a2})t) - \frac{1}{2} \cos(2\omega_{a1} t) - b^2/2 \cos(2\omega_{a2} t)] \quad (9a)$$

where: $b = \omega_{a2}/\omega_{a1}$ and $\omega_{a2} > \omega_{a1}$.

Equation (9a) contains a correction factor, b , for the specific acoustic impedance variation with frequency. The first two terms of (9a) are the two tones: of the input modulation with the relative amplitudes modified by the impedance correction factor. The other terms are the distortion cross products which are quite different from the single line distortion case. In addition to the second harmonics, there are sum and difference frequencies. From this two-tone analysis it is obvious that more complex multiple tone modulations, such as speech, will be severely distorted with even more complicated cross-product and sum and difference components. This is not unexpected since the process which creates the distortion is nonlinear. This leads to the conclusion that a simple passive predistortion filter will not work on a speech signal modulated on an RF carrier by a convention AM process, because the distortion is a function of the signal by a nonlinear process.

However, the serious distortion problem can be overcome by means of the invention which exploits the characteristics of a different type of RF modulation process in addition to special signal processing.

AM Modulation with Fully Suppressed Carrier for the Intelligible Encoding of Speech by the Invention for Compatibility with the RF Hearing Phenomena

The equation for AM modulation with a fully suppressed carrier is given by equation (10), below:

$$V(t) = a(t) \sin(\omega_c t) \quad (10)$$

This modulation is commonly accomplished in hardware by means of a circuit known as a balanced modulator, as

disclosed, for example in "Radio Engineering", Frederick E. Terman, p.481-3, McGraw-Hill, 1947.

The power signal has the same form as the particle velocity signal which is obtained from the square of equation (10) as shown in equation (11), below:

$$P(t) = C U_p = a(t)^2/2 - (a(t)^2/2) \cos(2\omega_c t) \quad (11)$$

From inspection of equations (10) and (11) it is seen that, if the input audio signal, $a(t)$, is pre-processed by taking the square root and then modulating the carrier, the audio term in the particle velocity equation will be an exact, undistorted, replication of the input audio signal. Since the audio signal from a microphone is bipolar, it must be modified by adding a very low frequency (essential d.c.) bias term, A , such that the resultant sum, $[a(t) + A] > 0.0$, is always positive. This is necessary in order to insure a real square root. The use of a custom digital speech processor implements the addition of the term A , i.e. as shown in equation (10*), below:

$$V(t) = (a(t) + A)^{1/2} \sin(\omega_c t) \quad (10*)$$

The pressure wave is given by equation (11*), below:

$$p(t) = C U_p = A/2 + a(t)/2 - (a(t)/2) \cos(2\omega_c t) - (A/2) \cos(2\omega_c t) \quad (11*)$$

When the second term of the pressure wave of equation (11*) is processed through the specific acoustic impedance it will result in the replication of the input audio signal but will be modified by the filter characteristics of the Real part of the specific acoustic impedance, $R_e\{Z_s(f)\}$, as given in equation (8a). The first term of equation (11*) is the d.c. bias, which is added to obtain a real square root; it will not be audible or cause distortion. The third and fourth terms of (11*) are a.c. terms at twice the carrier frequency and therefore will not distort or interfere with the audio range signal, $a(t)$.

Since the filter characteristic of equation (7) is a linear process in amplitude, the audio input can be predistorted before the modulation is applied to the carrier and then the pressure or sound wave audio signal, which is the result of the velocity wave times the impedance function, $R_e\{Z_s(f)\}$, will be the true replication of the original input audio signal.

A diagram illustrating the overall system **30** and process of the invention is shown in FIG. 3. Then input signal $a(t)$ is applied to an Audio Predistortion Filter **31** with a filter function $As(f)$ to produce a signal $a(t)As(f)$, which is applied to a Square Root Processor **32**, providing an output $= (a(t)As(f) + A)^{1/2}$, which goes to a balanced modulator **33**. The modulation process known as suppressed carrier, produces a double sideband output $= (a(t)As(f) + A)^{1/2} \sin(\omega_c t)$, where ω_c is the carrier frequency. If one of the sidebands and the carrier are suppressed (not shown) the result is single sideband (SSB) modulation and will function in the same manner discussed above for the purposes of implementing the invention. However, the AM double sideband suppressed carrier as described is more easily implemented.

The output of the balanced modulator is applied to a spherical demodulator **34**, which recovers the input signal $a(t)$ that is applied to the inner ear **35** and then to the acoustic receptors in the brain **36**.

The various components **31-33** of FIG. 3 are easily implemented as shown, for example by the corresponding components **41-42** in FIG. 4, where the Filter **41** can take the form of a low pass filter, such as a constant-K filter formed by series inductor L and a shunt capacitor C . Other low-pass filters are shown, for example, in the ITT Federal Handbook, 4th Ed., 1949. As a result the filter output is

$AS(f)$ a $1/f^2$. The Root Processor **42** can be implemented by any square-law device, such as the diode **D** biased by a battery **B** and in series with a large impedance (resistance) **R**, so that the voltage developed across the diode **D** is proportional to the square root of the input voltage $a(t)As(f)$. The balanced modulator **43**, as discussed in Terman, op.cit., has symmetrical diodes **A1** and **A2** with the modulating voltage **M** applied in opposite phase to the diodes **A1** and **A2** through an input transformer **T1**, with the carrier, **O**, applied commonly to the diodes in the same phase, while the modulating signal is applied to the diodes in opposite phase so that the carrier cancels in the primary of the output transformer **T2** and the secondary output is the desired double side band output.

Finally the Spherical Demodulator **45** is the brain as discussed above, or an equivalent mass that provides uniform expansion and contraction due to thermal effects of R.F energy.

The invention provides a new and useful encoding for speech on an RF carrier such that the speech will be intelligible to a human subject by means of the RF hearing demodulation phenomena. Features of the invention include the use of AM fully suppressed carrier modulation, the preprocessing of an input speech signal be a compensation filter to de-emphasize the high frequency content by 40 dB per decade and the further processing of the audio signal by adding a bias terms to permit the taking of the square root of the signal before the AM suppressed carrier modulation process.

The invention may also be implemented using the same audio signal processing and Single Sideband (SSB) modulation in place of AM suppressed carrier modulation. The same signal processing may also be used on Conventional AM modulation containing both sideband and the carrier; however, there is a serious disadvantage. The carrier is always present with AM modulation, even when there is no signal. The carrier power does not contain any information but contributes substantially to the heating of the thermal-acoustic demodulator, i.e. the brain, which is undesirable. The degree of this extraneous heating is more than twice the heating caused by the signal or information power in the RF signal. Therefore conventional AM modulation is an inefficient and poor choice compared to the double side-band suppressed carrier and the SSB types of transmissions.

The invention further may be implemented using various degrees of speech compression commonly used with all

types of AM modulation. Speech compression is implemented by raising the level of the low amplitude portions of the speech waveform and limiting or compressing the high peak amplitudes of the speech waveform. Speech compression increases the average power content of the waveform and thus loudness. Speech compression introduces some distortion, so that a balance must be made between the increase in distortion and the increase in loudness to obtain the optimum result.

Another implementation is by digital signal processing of the input signal through to the modulation of the RF carrier.

What is claimed is:

1. A method of encoding an input audio signal $a(t)$ to produce a double sideband output signal having a ω_c carrier frequency, which when transmitted to the head of a receiving subject, will by the radio frequency hearing effect induce a thermal-acoustic signal in the bone/tissue material of the head that replicates the input audio signal and is conducted by the bone/tissue structure of the head to the inner ear where it is demodulated by the normal processes of the cochlea and converted to nerve signals which are sent to the brain, thereby enabling intelligible speech to be perceived by the brain as any other nerve signal from the cochlea, the method comprising:

applying an input audio signal $a(t)$ to an audio pre-distortion filter with an $As(f)$ filter function to produce a first output signal $a(t)As(f)$;

adding a very low frequency bias **A** to the first output signal to produce a second output signal $a(t)As(f)+A$;

applying the second output signal to a square root processor to produce a third output signal $(a(t)As(f)+A)^{1/2}$;

applying the third output signal to a balanced modulator to produce a double sideband output signal $(a(t)As(f)+A)^{1/2} \sin(\omega_c t)$, where ω_c is the carrier frequency; and

transmitting the double sideband output signal to the head of the receiving subject.

2. The method of claim **1**, wherein the $As(f)$ filter function step further comprises the step of de-emphasizing the high frequency content.

3. The method of claim **1**, wherein the further step of suppressing one of the sidebands of the double sideband output signal is done resulting in a single sideband modulation transmission.

* * * * *



US006587729B2

(12) **United States Patent**
O'Loughlin et al.

(10) **Patent No.:** **US 6,587,729 B2**
(45) **Date of Patent:** **Jul. 1, 2003**

(54) **APPARATUS FOR AUDIBLY
COMMUNICATING SPEECH USING THE
RADIO FREQUENCY HEARING EFFECT**

(58) **Field of Search** 332/167; 381/151;
607/56, 55; 340/384.1; 600/559, 23, 586;
128/897, 898

(75) **Inventors:** **James P. O'Loughlin**, Placitas, NM
(US); **Diana L. Loree**, Albuquerque,
NM (US)

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(73) **Assignee:** **The United States of America as
represented by the Secretary of the
Air Force**, Washington, DC (US)

(*) **Notice:** Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

* cited by examiner

Primary Examiner—Kennedy Schaetzle

(74) *Attorney, Agent, or Firm*—James M. Skorich

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(22) **Filed:** **Apr. 24, 2002**

(65) **Prior Publication Data**

US 2002/0123775 A1 Sep. 5, 2002

Related U.S. Application Data

(62) Division of application No. 08/766,687, filed on Dec. 13,
1996, now Pat. No. 6,470,214.

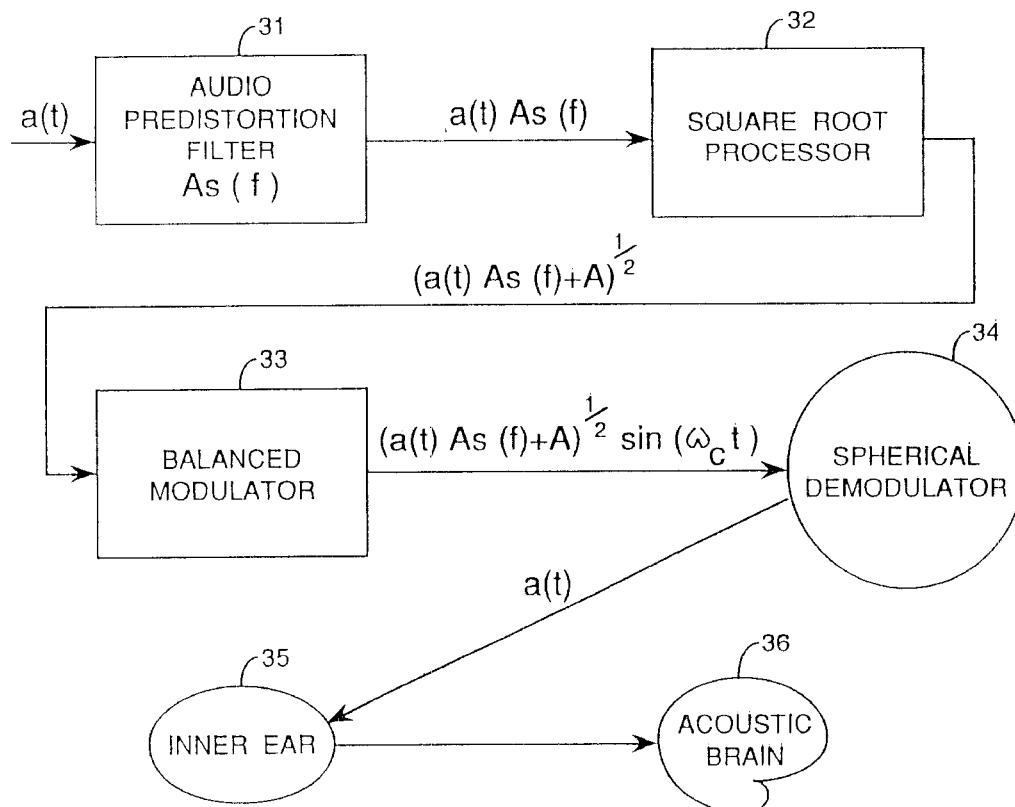
(51) **Int. Cl.⁷** **H03C 1/54**

(52) **U.S. Cl.** **607/55**; 128/897; 332/167;
381/151; 600/586

(57) **ABSTRACT**

A modulation process with a fully suppressed carrier and
input preprocessor filtering to produce an encoded output;
for amplitude modulation (AM) and audio speech prepro-
cessor filtering, intelligible subjective sound is produced
when the encoded signal is demodulated using the RF
Hearing Effect. Suitable forms of carrier suppressed modu-
lation include single sideband (SSB) and carrier suppressed
amplitude modulation (CSAM), with both sidebands
present.

11 Claims, 3 Drawing Sheets



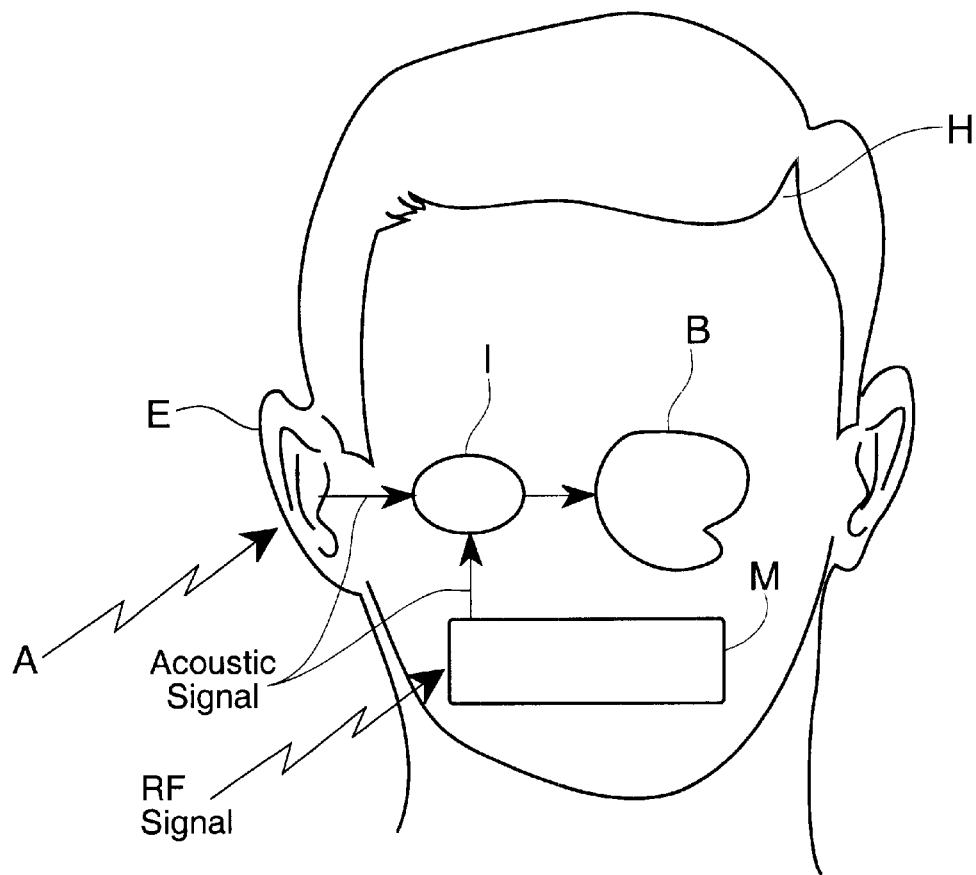


Fig. 1

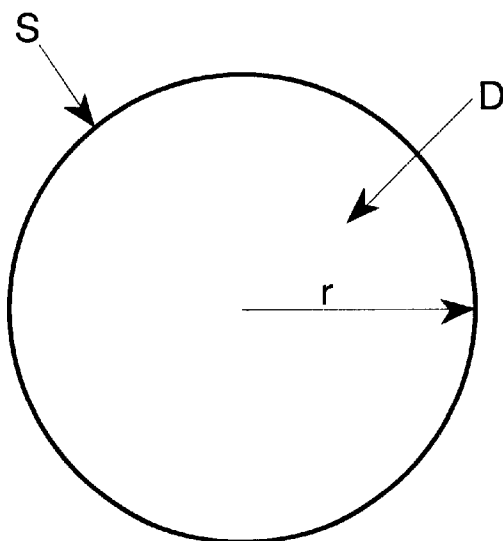


Fig. 2

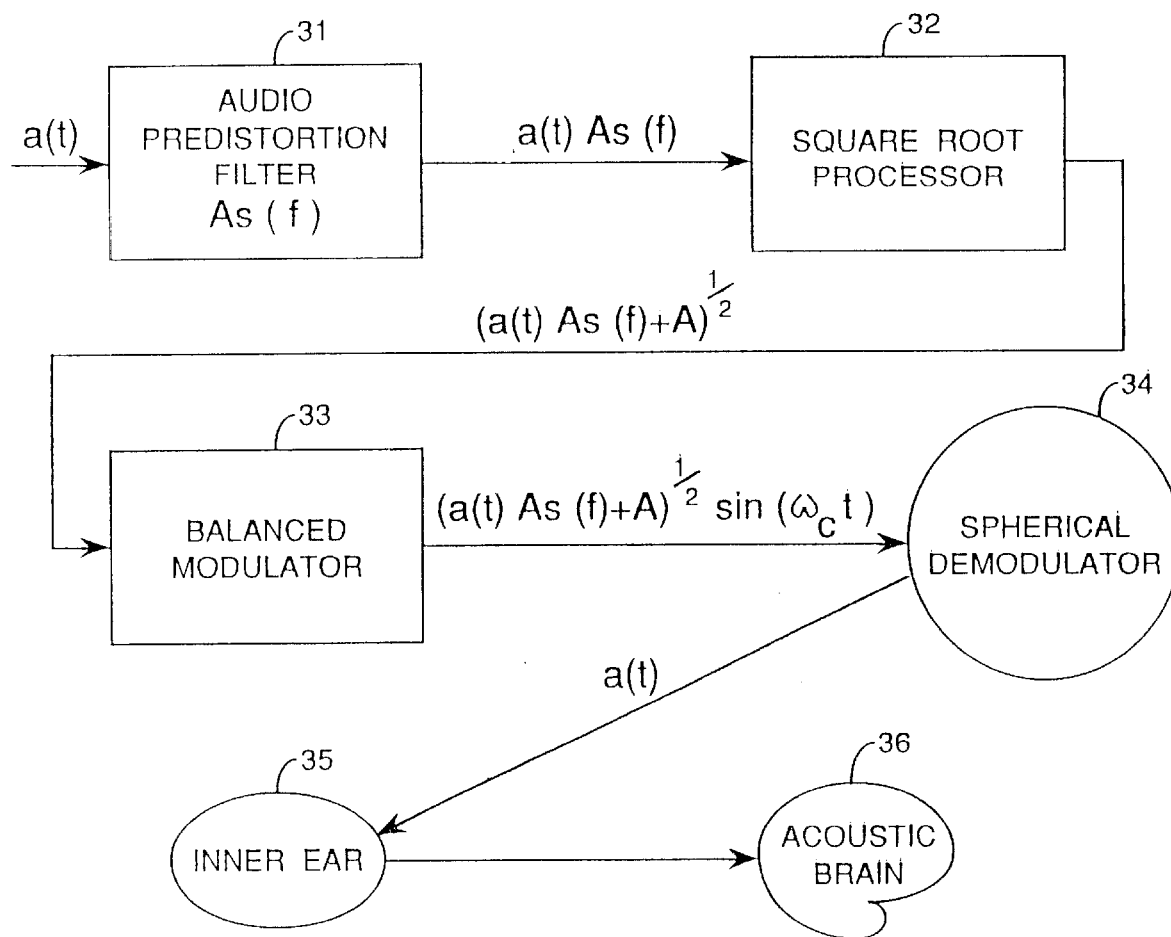


FIG. 3

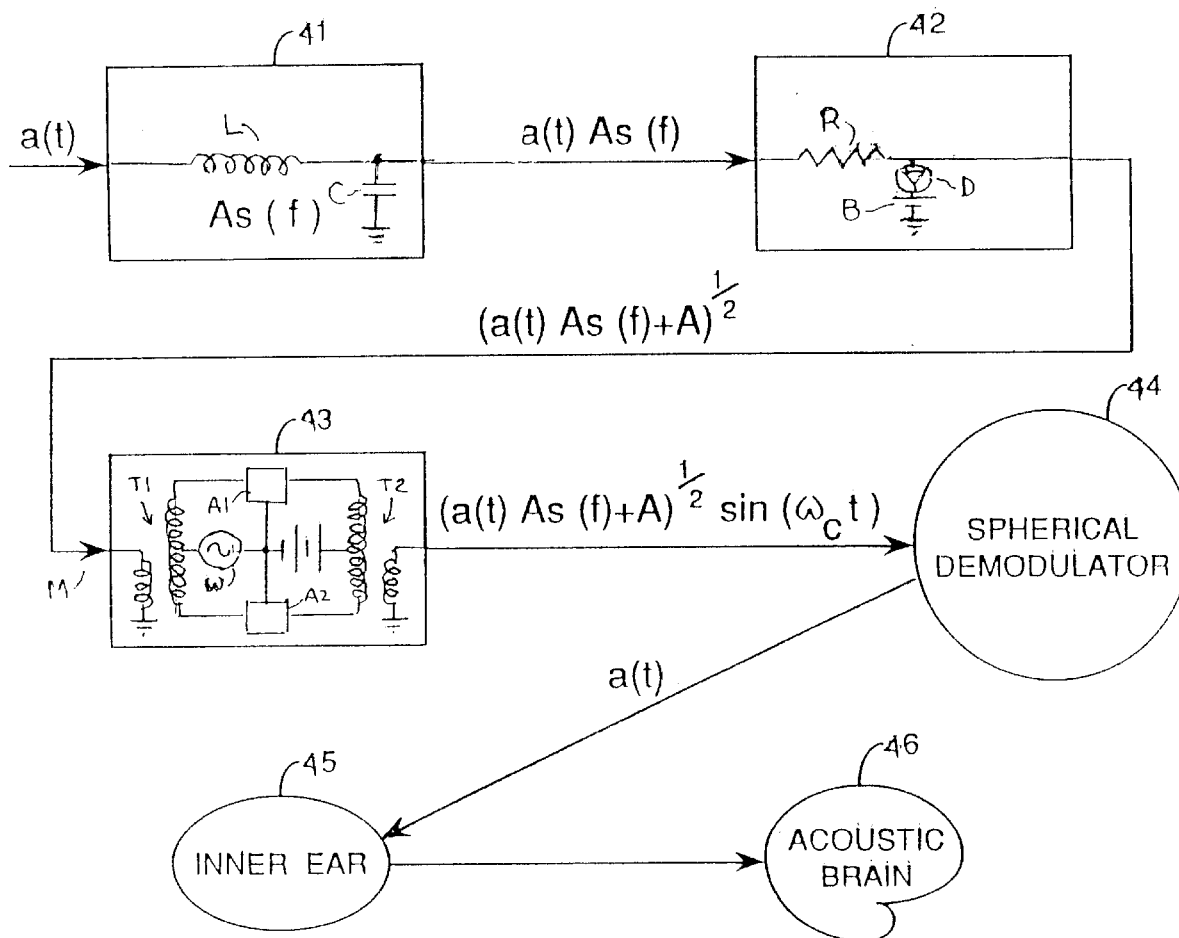


FIG. 4

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APPARATUS FOR AUDIBLY COMMUNICATING SPEECH USING THE RADIO FREQUENCY HEARING EFFECT

This application is a division of U.S. patent application Ser. No. 08/766,687 filed on Dec. 13, 1996, now U.S. Pat. No. 6,470,214, and claims the benefit of the foregoing filing date.

The invention described herein may be manufactured and used by or for the Government for governmental purposes without the payment of any royalty thereon.

BACKGROUND OF THE INVENTION

This invention relates to the modulating of signals on carriers, which are transmitted and the signals intelligibly recovered, and more particularly, to the modulation of speech on a carrier and the intelligible recover of the speech by means of the Radio Frequency Hearing Effect.

The Radio Frequency ("RF") Hearing Effect was first noticed during World War II as a subjective "click" produced by a pulsed radar signal when the transmitted power is above a "threshold" level. Below the threshold level, the click cannot be heard.

The discovery of the Radio Frequency Hearing Effect suggested that a pulsed RF carrier could be encoded with an amplitude modulated ("AM") envelope. In one approach to pulsed carrier modulation, it was assumed that the "click" of the pulsed carrier was similar to a data sample and could be used to synthesize both simple and complex tones such as speech. Although pulsed carrier modulation can induce a subjective sensation for simple tones, it severely distorts the complex waveforms of speech, as has been confirmed experimentally.

The presence of this kind of distortion has prevented the click process for the encoding of intelligible speech. An example is provided by AM sampled data modulation.

Upon demodulation the perceived speech signal has some of the envelope characteristics of an audio signal. Consequently a message can be recognized as speech when a listener is pre-advised that speech has been sent. However, if the listener does not know the content of the message, the audio signal is unintelligible.

The attempt to use the click process to encode speech has been based on the assumption that if simple tones can be encoded, speech can be encoded as well, but this is not so. A simple tone can contain several distortions and still be perceived as a tone whereas the same degree of distortion applied to speech renders it unintelligible.

SUMMARY OF THE INVENTION

In accomplishing the foregoing and related object the invention uses a modulation process with a fully suppressed carrier and pre-processor filtering of the input to produce an encoded output. Where amplitude modulation (AM) is employed and the pre-processor filtering is of audio speech input, intelligible subjective sound is produced when the encoded signal is demodulated by means of the RF Hearing Effect. Suitable forms of carrier suppressed modulation include single sideband (SSB) and carrier suppressed amplitude modulation (CSAM), with both sidebands present.

The invention further provides for analysis of the RF hearing phenomena based on an RF to acoustic transducer model. Analysis of the model suggests a new modulation process which permits the RF Hearing Effect to be used following the transmission of encoded speech.

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In accordance with one aspect of the invention the pre-processing of an input speech signal takes place with a filter that de-emphasizes the high frequency content of the input speech signal. The de-emphasis can provide a signal reduction of about 40 dB (decibels) per decade. Further processing of the speech signal then takes place by adding a bias level and taking a root of the predistorted waveform. The resultant signal is used to modulate an RF carrier in the AM fully suppressed carrier mode, with single or double sidebands.

The modulated RF signal is demodulated by an RF to acoustic demodulator that produces an intelligible acoustic replication of the original input speech.

The RF Hearing Effect is explained and analyzed as a thermal to acoustic demodulating process. Energy absorption in a medium, such as the head, causes mechanical expansion and contraction, and thus an acoustic signal.

When the expansion and contraction take place in the head of an animal, the acoustic signal is passed by conduction to the inner ear where it is further processed as if it were an acoustic signal from the outer ear.

The RF to Acoustic Demodulator thus has characteristics which permit the conversion of the RF energy input to an acoustic output.

Accordingly, it is an object of the invention to provide a novel technique for the intelligible encoding of signals. A related object is to provide for the intelligible encoding of speech.

Another object of the invention is to make use of the Radio Frequency ("RF") Hearing Effect in the intelligible demodulation of encoded signals, including speech.

Still another object of the invention is to suitably encode a pulsed RF carrier with an amplitude modulated ("AM") envelope such that the modulation will be intelligibly demodulated by means of the RF Hearing Effect. A related object is to permit a message to be identified and understood as speech when a listener does not know beforehand that the message is speech.

Other aspects of the invention will become apparent after considering several illustrative embodiments, taken in conjunction with the drawings.

DESCRIPTION OF THE DRAWINGS

FIG. 1 is a block diagram model of RF to Acoustic Demodulation Process making use of the Radio Frequency ("RF") Hearing Effect;

FIG. 2 is a spherical demodulator and radiator having a specific acoustic impedance for demodulation using the RF Hearing Effect;

FIG. 3 is a diagram illustrating the overall process and constituents of the invention; and

FIG. 4 is an illustrative circuit and wiring diagram for the components of FIG. 3.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

With reference to the drawings, FIG. 1 illustrates the RF to acoustic demodulation process of the invention. Ordinarily an acoustic signal A reaches the outer ear E of the head H and traverses first to the inner ear I and then to the acoustic receptors of the brain B. A modulated RF signal, however, enters a demodulator D, which is illustratively provided by the mass M of the brain, and is approximated, as shown in FIG. 2, by a sphere S of radius r in the head H. The radius

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r of the sphere S is about 7 cm to make the sphere S equivalent to about the volume of the brain B. It will be appreciated that where the demodulator D, which can be an external component, is not employed with the acoustic receptors of the brain B, it can have other forms.

The sphere S, or its equivalent ellipsoid or similar solid, absorbs RF power which causes an increase in temperature that in turn causes an expansion and contraction which results in an acoustic wave. As a first approximation, it is assumed that the RF power is absorbed uniformly in the brain. Where the demodulator D is external to the brain B, the medium and/or RF carrier frequency can be selected to assure sufficiently uniform absorption.

For the modulated RF signal of FIG. 1, the power absorbed in the sphere S is proportional to the power waveform of the modulated RF signal. The absorption rate is characterized quantitatively in terms of the SAR (Specific Absorption Rate) in the units of absorbed watts per kilogram per incident watt per square centimeter.

The temperature of the sphere S is taken as following the integrated heat input from the power waveform, i.e. the process is approximated as being adiabatic, at least for short term intervals on the order of a few minutes.

The radial expansion of the sphere follows temperature and is converted to sound pressure, $p(t)$, determined by the radial velocity (U_r) multiplied by the real part of the specific acoustic impedance (Z_s) of the sphere, as indicated in equation (1), below.

$$Z_s = \rho_o c (jkr) / (1 + jkr) = \rho_o c [jff_c / (1 + jff_c)] \quad (1)$$

Where:

- ρ_o = density, 1000 kg/m³ for water
- c = speed of sound, 1560 m/s, in water @ 37° C.
- k = wave number, $2\pi/\text{wavelength}$
- r = sphere radius, in meters (m)
- f = audio frequency
- f_c = lower cutoff break frequency, $= c/(2\pi r)$
- j = the 90 degree phase-shift operator

The specific acoustic impedance for a sphere of 7 cm radius, on the order of the size of the brain, has a lower cut-off break frequency of about 3,547 Hertz (Hz) for the parameters given for equation (1). The essential frequency range of speech is about 300 to 3000 Hz, i.e., below the cut-off frequency. It is therefore the Real part (R_e) of Z_s times the radial particle velocity (U_r) which determines the sound pressure, $p(t)$. The real part of Z_s is given by equation (1a), below:

$$R_e(Z_s) = \rho_o c (ff_c)^2 / (1 + (ff_c)^2) \quad (1a)$$

In the speech spectrum, which is below the brain cut-off frequency, the sphere S is an acoustic filter which "rolls off", i.e. decreases in amplitude at -40 dB per decade with decreasing frequency. In addition to any other demodulation processes to be analyzed below, the filter characteristics of the sphere will modify the acoustic signal with a 40 dB per decade slope in favor of the high frequencies.

Results for an AM Modulated Single Tone

An RF carrier with amplitude A_c at frequency ω_c is AM modulated 100 percent with a single tone audio signal at frequency ω_1 . The voltage (time) equation of this modulated signal is given by equation (2), below:

$$V(t) = A_c \sin(\omega_c t) (1 + \sin(\omega_1 t)) \quad (2)$$

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The power signal is $V(t)^2$ as given by equation (3), below:

$$P(t) = A_c^2 [\frac{3}{4} + \sin(\omega_1 t) - \frac{1}{4} \cos(2\omega_1 t) - \frac{3}{4} \cos(2\omega_c t) - \cos(2\omega_c t) \sin(\omega_1 t) + \frac{1}{4} \cos(2\omega_c t) \cos(2\omega_1 t)] \quad (3)$$

To find the energy absorbed in the sphere, the time integral of equation (3) is taken times absorption coefficient, K . The result is divided by the specific heat, SH to obtain the temperature of the sphere and then multiplied by the volume expansion coefficient, Mv to obtain the change in volume. The change in volume is related to the change in radius by equation (4), below:

$$dV/V = 3dr/r \quad (4)$$

To obtain the amplitude of the radius change, there is multiplication by the radius and division by three. The rms radial surface velocity, U_r , is determined by multiplying the time derivative by r and dividing by $2^{1/2}$. The result, U_r , is proportional to the power function, $P(t)$ in equation (5), below.

$$U_r = 0.3535 P(t) r K M_v / (3SH) \quad (5)$$

The acoustic pressure, $p(t)$, is given in equation (6), below, as the result of multiplying equation (5) by the Real part of the specific acoustic impedance, R_e (1).

$$p(t) = R_e \{Z_s U_r\} = R_e(Z_s) U_r \quad (6)$$

The SPL (Sound Pressure Level), in acoustic dB, is approximated as $20 \log[p(t)/2E-5]$. The standard acoustic reference level of $2E-5$ Newtons per square meter is based on a signal in air; however, the head has a water-like consistency. Therefore, the subjective level in acoustic dB is only approximate, but sufficient for first order accuracy.

In a single tone case the incident RF power, $P(t)$, from equation (3) has two terms as shown in equation (7), below, which are in the hearing range.

$$\sin(\omega_1 t) - \frac{1}{4} \cos(2\omega_1 t) \quad (7)$$

This is converted to the acoustic pressure wave, $p(t)$, by multiplying by the specific acoustic impedance calculated at the two frequencies. Therefore, the resulting pressure wave as indicated in equation (8), below, becomes

$$p(t) = C [Z_s(\omega_1) \sin(\omega_1 t) - \frac{1}{4} Z_s(2\omega_1) \cos(2\omega_1 t)] \quad (8)$$

The result is an audio frequency and a second harmonic at about $\frac{1}{4}$ amplitude. Thus using an RF carrier, AM modulated by a single tone, the pressure wave audio signal will consist of the audio tone and a second harmonic at about -6 dB, if the specific acoustic impedances at the two frequencies are the same. However, from equation (1) the break frequency of a model 7 cm sphere is 3,547 Hz. Most of the speech spectrum is below this frequency therefore the specific acoustic impedance is reactive and the real component is given by equation (8a), below:

$$R_e\{Z_s(f)\} = \rho_o c (ff_c)^2 / (1 + (ff_c)^2) \quad (8a)$$

Below the cutoff frequency the real part of the impedance varies as the square of the frequency or gives a boost of 40 dB per decade. Therefore, if the input modulation signal is 1 kHz, the second harmonic will have a boost of about 4 time in amplitude, or 12 dB, due to the variation of the real part of the specific acoustic impedance with frequency. So the second harmonic pressure term in equation (8) is actually four times the power or 6 dB higher than the fundamental

term. If the second harmonic falls above the cutoff frequency then the boost begins to fall back to 0 dB. However, for most of the speech spectrum there is a severe distortion and strong boost of the high frequency distortion components.

Results for Two Tone AM Modulation Analysis

Because of the distortion attending single tone modulation, predistortion of the modulation could be attempted such that the resulting demodulated pressure wave will not contain harmonic distortion. This will not work, however, because of the non-linear cross-products of two-tone modulation are quite different from single tone modulation as shown below.

Nevertheless, two-tone modulation distortion provides an insight for the design of a corrective process for a complex modulation signal such as speech. The nature of the distortion is defined in terms of relative amplitudes and frequencies.

Equation (8b) is that of an AM modulated carrier for the two-tone case where ω_{a1} and ω_{a2} are of equal amplitude and together modulate the carrier to a maximum peak value of 100 percent. The total modulated RF signal is given by equation (8b), below:

$$V(t) = A_c \sin(\omega_c t) [1 + \frac{1}{2} \sin(\omega_{a1} t) + \frac{1}{2} \sin(\omega_{a2} t)]$$

The square of (8b) is the power signal, which has the same form as the particle velocity, $U_r(t)$, of equation (9), below.

From the square of (8b) the following frequencies and relative amplitudes are obtained for the particle velocity wave, $U_r(t)$, which are in the audio range;

$$U_r(t) = C [\sin(\omega_{a1} t) + \sin(\omega_{a2} t) + \frac{1}{4} \cos((\omega_{a1} - \omega_{a2}) t) + \frac{1}{4} \cos((\omega_{a1} + \omega_{a2}) t) - \frac{1}{8} \cos(2\omega_{a1} t) - \frac{1}{8} \cos(2\omega_{a2} t)] \quad (9)$$

If the frequencies in equation (9) are below the cut-off frequency, the impedance boost correction will result in a pressure wave with relative amplitudes given in equation (9a), below:

$$p(t) = C [\sin(\omega_{a1} t) + b^2 \sin(\omega_{a2} t) + (1 - b^2)/4 \cos((\omega_{a1} - \omega_{a2}) t) + (1 + b^2)/4 \cos((\omega_{a1} + \omega_{a2}) t) - \frac{1}{2} \cos(2\omega_{a1} t) - b^2/2 \cos(2\omega_{a2} t)] \quad (9a)$$

where: $b = \omega_{a2}/\omega_{a1}$ and $\omega_{a2} > \omega_{a1}$

Equation (9a) contains a correction factor, b , for the specific acoustic impedance variation with frequency. The first two terms of (9a) are the two tones of the input modulation with the relative amplitudes modified by the impedance correction factor. The other terms are the distortion cross products which are quite different from the single tone distortion case. In addition to the second harmonics, there are sum and difference frequencies. From this two-tone analysis it is obvious that more complex multiple tone modulations, such as speech, will be severely distorted with even more complicated cross-product and sum and difference components. This is not unexpected since the process which creates the distortion is nonlinear. This leads to the conclusion that a simple passive predistortion filter will not work on a speech signal modulated on an RF carrier by a conventional AM process, because the distortion is a function of the signal by a nonlinear process.

However, the serious distortion problem can be overcome by means of the invention which exploits the characteristics of a different type of RF modulation process in addition to special signal processing.

AM Modulation With Fully Suppressed Carrier for the Intelligible Encoding of Speech by the Invention for Compatibility With the RF Hearing Phenomena

The equation for AM modulation with a fully suppressed carrier is given by equation (10), below:

$$V(t) = a(t) \sin(\omega_c t) \quad (10)$$

This modulation is commonly accomplished in hardware by means of a circuit known as a balanced modulator, as disclosed, for example in "Radio Engineering", Frederick E. Terman, p.481-3, McGraw-Hill, 1947.

The power signal has the same form as the particle velocity signal which is obtained from the square of equation (10) as shown in equation (11), below:

$$P(t) = C U_r = a(t)^2/2 - (a(t)^2/2) \cos(2\omega_c t) \quad (11)$$

From inspection of equations (10) and (11) it is seen that, if the input audio signal, $a(t)$, is pre-processed by taking the square root and then modulating the carrier, the audio term in the particle velocity equation will be an exact, undistorted, replication of the input audio signal. Since the audio signal from a microphone is bipolar, it must be modified by adding a very low frequency (essential d.c.) bias term, A , such that the resultant sum, $[a(t) + A] > 0.0$, is always positive. This is necessary in order to insure a real square root. The use of a custom digital speech processor implements the addition of the term A , i.e. as shown in equation (10*), below:

$$V(t) = (a(t) + A)^{1/2} \sin(\omega_c t) \quad (10^*)$$

The pressure wave is given by equation (11*), below:

$$p(t) = C U_r = A/2 + a(t)/2 - (a(t)/2) \cos(2\omega_c t) - (A/2) \cos(2\omega_c t) \quad (11^*)$$

When the second term of the pressure wave of equation (11*) is processed through the specific acoustic impedance it will result in the replication of the input audio signal but will be modified by the filter characteristics of the Real part of the specific acoustic impedance, $R_e\{Z_s(f)\}$, as given in equation (8a). The first term of equation (11*) is the d.c. bias, which is added to obtain a real square root; it will not be audible or cause distortion. The third and fourth terms of (11*) are a.c. terms at twice the carrier frequency and therefore will not distort or interfere with the audio range signal, $a(t)$.

Since the filter characteristic of equation (7) is a linear process in amplitude, the audio input can be predistorted before the modulation is applied to the carrier and then the pressure or sound wave audio signal, which is the result of the velocity wave times the impedance function, $R_e\{Z_s(f)\}$, will be the true replication of the original input audio signal.

A diagram illustrating the overall system 30 and process of the invention is shown in FIG. 3. Then input signal $a(t)$ is applied to an Audio Predistortion Filter 31 with a filter function $As(f)$ to produce a signal $a(t)As(f)$, which is applied to a Square Root Processor 32, providing an output $=(a(t)As(f) + A)^{1/2}$, which goes to a balanced modulator 33. The modulation process known as suppressed carrier, produces a double sideband output $=(a(t)As(f) + A)^{1/2} \sin(\omega_c t)$, where ω_c is the carrier frequency. If one of the sidebands and the carrier are suppressed (not shown) the result is single sideband (SSB) modulation and will function in the same manner discussed above for the purposes of implementing the invention. However, the AM double sideband suppressed carrier as described is more easily implemented.

The output of the balanced modulator is applied to a spherical demodulator 34, which recovers the input signal $a(t)$ that is applied to the inner ear 35 and then to the acoustic receptors in the brain 36.

The various components 31-33 of FIG. 3 are easily implemented as shown, for example by the corresponding components 41-42 in FIG. 4, where the Filter 41 can take

the form of a low pass filter, such as a constant-K filter formed by series inductor L and a shunt capacitor C. Other low-pass filters are shown, for example, in the ITT Federal Handbook, 4th Ed., 1949. As a result the filter output is $AS(f)$ a $1/f^2$. The Root Processor **42** can be implemented by any square-law device, such as the diode D biased by a battery B and in series with a large impedance (resistance) R, so that the voltage developed across the diode D is proportional to the square root of the input voltage $a(t)As(f)$. The balanced modulator **43**, as discussed in Terman, op.cit., has symmetrical diodes **A1** and **A2** with the modulating voltage M applied in opposite phase to the diodes **A1** and **A2** through an input transformer **T1**, with the carrier, O, applied commonly to the diodes in the same phase, while the modulating signal is applied to the diodes in opposite phase so that the carrier cancels in the primary of the output transformer **T2** and the secondary output is the desired double side band output.

Finally the Spherical Demodulator **45** is the brain as discussed above, or an equivalent mass that provides uniform expansion and contraction due to thermal effects of RF energy.

The invention provides a new and useful encoding for speech on an RF carrier such that the speech will be intelligible to a human subject by means of the RF hearing demodulation phenomena. Features of the invention include the use of AM fully suppressed carrier modulation, the preprocessing of an input speech signal be a compensation filter to de-emphasize the high frequency content by 40 dB per decade and the further processing of the audio signal by adding a bias terms to permit the taking of the square root of the signal before the AM suppressed carrier modulation process.

The invention may also be implemented using the same audio signal processing and Single Sideband (SSB) modulation in place of AM suppressed carrier modulation. The same signal processing may also be used on Conventional AM modulation contains both sideband and the carrier; however, there is a serious disadvantage. The carrier is always present with AM modulation, even when there is no signal. The carrier power does not contain any information but contributes substantially to the heating of the thermal-acoustic demodulator, i.e. the brain, which is undesirable. The degree of this extraneous heating is more than twice the heating caused by the signal or information power in the RF signal. Therefore conventional AM modulation is an inefficient and poor choice compared to the double side-band suppressed carrier and the SSB types of transmissions.

The invention further may be implemented using various degrees of speech compression commonly used with all types of AM modulation. Speech compression is implemented by raising the level of the low amplitude portions of the speech waveform and limiting or compressing the high peak amplitudes of the speech waveform. Speech compression increases the average power content of the waveform and thus loudness. Speech compression introduces some distortion, so that a balance must be made between the increase in distortion and the increase in loudness to obtain the optimum result.

Another implementation is by digital signal processing of the input signal through to the modulation of the RF carrier.

What is claimed is:

1. An apparatus for communicating an audio signal $a(t)$, comprising:

an audio predistortion filter having a filter function $As(f)$ for producing a first output signal $a(t)As(t)$ from the audio signal $a(t)$;

means for adding a bias A to the first output signal, to produce a second output signal $a(t)As(f)+A$;

a square root processor for producing a third output signal $(a(t)As(f)+A)^{1/2}$ responsive to the second output signal; and

a modulator for producing a double sideband output signal responsive to the third output signal, having a carrier frequency of ω_c , and being mathematically described by $(a(t)As(f)+A)^{1/2} \sin(\omega_c t)$; and

transmitting the double sideband output signal to a demodulator, whereby the audio signal $a(t)$ is recovered from the double sideband output signal.

2. The communication apparatus defined in claim 1 wherein:

the double sideband output signal has RF power; and
the demodulator is for converting the RF power into acoustic pressure waves.

3. The communication apparatus defined in claim 2 wherein:

the demodulator converts the RF power into the acoustic pressure waves by means of thermal expansion and contraction, whereby

the acoustic pressure waves approximate the audio signal $a(t)$.

4. The communication apparatus defined in claim 2 wherein the demodulator includes a mass that expands and contracts responsive to the RF power of the double sideband output signal.

5. The communication apparatus defined in claim 4 wherein the mass is approximately spherical.

6. The communication apparatus defined in claim 1 wherein:

the double sideband output signal is comprised of a first sideband component and a second sideband component; and

means for suppressing the second sideband component, whereby

the demodulator recovers the audio signal $a(t)$ solely from the first sideband component.

7. The communication apparatus defined in claim 1 wherein the audio predistortion filter is a low-pass filter.

8. The communication apparatus defined in claim 7 wherein the audio predistortion filter is a digital processor.

9. The communication apparatus defined in claim 1 wherein:

the square root processor is a diode biased by a voltage source, in series with a resistance, whereby

a voltage across the diode is proportional to a square root of the second output signal $a(t)As(t)+A$.

10. The communication apparatus defined in claim 1 wherein the modulator is a balanced modulator.

11. The communication apparatus defined in claim 1 wherein:

the audio signal $a(t)$ includes a high frequency component; and

the audio predistortion filter de-emphasizes the high frequency component by approximately 40 dB per decade.

CLIENT: Todd Giffen

DATE: 2/9/06 SERVICE: T1016T LOCATION: 17 LCMH

TIME: .25 CLINICIAN: Roger G. Kalman MA, QMHP TX PLAN AREA: 1

Progress Note:

T/C from Frank Rushman, Social Worker at OSH 503-945-9283. He reports Todd is doing well and is ready for return to community. He says the PSRB will not require an evaluation if Todd is returned to Lane County, and he wants to know if we have a placement for him. Will look into placement availability at get back to him.


Roger Kalman, M.A.

Date

Mental Health Specialist

Qualified Mental Health Professional

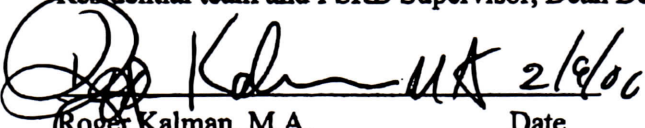
CLIENT: Todd Giffen

DATE: 2/9/06 SERVICE: T1016T LOCATION: 17 LCMH

TIME: .25 CLINICIAN: Roger G. Kalman MA, QMHP TX PLAN AREA: 1

Progress Note:

T/C from Todd at OSH. He says he is feeling better, and has benefited from a change of meds (now on a tricyclic antidepressant), and from counseling, and he expresses interest in returning to Lane County as soon as possible. We discussed residential placement. He is willing to go to Paul Wilson House, Alder St, Wm Ware, and he also suggests RAP, which he liked a lot. He also suggested living with his grandparents, but he accepts that this is not an acceptable placement as this is where he has always gotten into trouble. Will staff this matter with the Residential team and PSRB Supervisor, Dean DeHeer, to develop a plan for placement.


Roger Kalman, M.A.

Date

Mental Health Specialist

Qualified Mental Health Professional

BEFORE THE PSYCHIATRIC SECURITY REVIEW BOARD
OF THE STATE OF OREGON

In the Matter) PSRB No. 05-2100
) OSH No. 70380
of) Lane County No. 22-04-11806
)
TODD MICHAEL GIFFEN) COMMIT ORDER
)

This matter came before the Psychiatric Security Review Board on December 12, 2005, for a hearing pursuant to ORS 161.336(5). Board members present were David Audet, J.D., Norwood Knight-Richardson, M.D., and Clifford Johannsen, Ph.D., Chair. Todd Giffen was present with his attorney, Harris Matarazzo; Assistant Attorney General Susan Gerber was present representing the State. The burden of proof as well as the burden of going forward was on the State.

At the outset of the hearing, the parties stipulated to the propriety of the Board's jurisdiction; that is, that Todd Giffen was found guilty except for insanity of the crime of Unlawful Use of a Weapon and was placed under the jurisdiction of the Psychiatric Security Review Board for a maximum period of time not to exceed 5 years by Lane County Circuit Court Judge Lauren Holland on March 02, 2005; that Mr. Giffen is affected by a mental disease or defect and that when his illness is active he presents a substantial danger to others. The parties further stipulated to the propriety of the revocation of Mr. Giffen's conditional release on November 18, 2005. The State opposed conditional release at this time. Mr. Matarazzo requested that his client be found appropriate for conditional release once stabilized with administrative review of any new plan.

The Board, having heard testimony and having received sixteen exhibits without objection and after considering all of the evidence admitted on the record, accepts as FINDINGS OF FACT the stipulations of the parties as set forth above. In addition, the Board FINDS AS FACT that:

1. Todd Giffen can be adequately controlled and treated in the community. This finding is based upon the expert testimony of John Meyer, M.D., at the hearing as well as the information contained in a letter from Mr. Giffen's conditional release supervisor as found in Exhibit 16.
2. The supervision and treatment necessary for Mr. Giffen's conditional release are not available in the community at the present time. This finding is based upon the information contained in Exhibit 16 which indicates that there is no appropriately secure and structured residential placement available for Mr. Giffen at this time.

The Board CONCLUDES AS A MATTER OF LAW that:

1. There were reasonable grounds, based on the decompensation of Todd Giffen's mental health, to revoke his conditional release on November 18, 2005.
2. Todd Giffen, being affected by a mental disease or defect which, when active, renders him a substantial danger to others, is under the jurisdiction of the Psychiatric Security Review Board.
3. Todd Giffen is a proper subject for conditional release, however, the supervision and treatment necessary are not currently available in the community. Therefore, it would not be in the best interest of justice and the protection of society to release him at this time.

IT IS HEREBY ORDERED, pursuant to ORS 161.346(1)(c) that Todd Giffen be continued in commitment at a state hospital designated by the Department of Human Services for care, custody and treatment pending the availability of a plan with the supervision and treatment necessary for his conditional release.

This order is subject to administrative review by the Board upon receipt of a verified conditional release plan.

This order may be appealed pursuant to ORS 161.385(8).

DATED this 22 day of December, 2005.

Clyde D. Johnson Ph.D.
Psychiatric Security Review Board Member



Oregon

Theodore R. Kulongoski, Governor

September 22, 2006

PUBLIC RECORD

SUBJECT: Investigation Report OSH06030
Alleged Victim (AV)
Date and Time of Incident: Undefined between
11/22/05 and 02/17/06
Date Reported to Facility: 07/20/06
Date OIT Investigation Requested: 07/28/06
Investigator: James S. Myrick-Duckett
Office of Investigations & Training
Director's Office, DHS

Department of Human Services Director's Office

Office of Investigations and Training
2575 Bittern Street NE
PO Box 14250
Salem, OR 97309-0740
503-945-9495
Fax 503-945-9893
TTY Relay 800-735-2900

ALLEGATION

It is alleged that MHT1 Bonita "Boni" Tucker sexually abused AV while AV was a patient on Ward XXX, in violation of OAR 410-011-0030(1) and OAR 410-011-0030(2)(d)(A). Specifically, it is alleged that between 11/22/05 and 02/17/06, Tucker inappropriately touched AV.

CONCLUSIONS

In a grievance letter AV wrote, AV described having a relationship with MHT1 Boni Tucker that started while AV was on Ward XXX and continued after AV was transferred off the ward. AV related that Tucker inappropriately touched AV's body, including holding AV's hand, rubbing AV's arm and back, and hugging. This investigation was initiated due to concern that Tucker sexually abused AV.

AV said AV wrote the grievance letter in an effort to be transferred off (Ward XX). AV said nothing of a sexual nature happened between AV and Tucker; AV said AV did not respond sexually to Tucker's actions, nor did AV think Tucker was flirting with AV. Tucker denied hugging AV. Tucker described touching AV only to effect an escort and denied touching AV under any other circumstances.

For these reasons, the allegation that MHT1 Bonita "Boni" Tucker sexually abused AV by inappropriately touching AV between 11/22/05 and 02/17/06 is **not substantiated** as a violation of OAR 410-011-0030(1) and OAR 410-011-0030(2)(d)(A).

Those reviewing the case expressed concern, however, with Tucker's possible boundary confusion and violation; Tucker was described as having a history of boundary problems with patients. Tucker acknowledged disclosing details of her personal life to AV, XXX. In addition, Tucker's explanations for how AV obtained her personal cell phone number and e-mail address were questionable and may warrant additional review to determine whether OSH policy was violated.

OSH06030p



Security slips at hospital still a problem

Several psychiatric patients escaped in past two years

By ALAN GUSTAFSON

Statesman Journal

Locked up in Oregon State Hospital's crowded forensic psychiatric program for the criminally insane, Gino Puglisi used pay phones to run up sports-gambling debts and to enlist conspirators to help him escape.

Contraband came to him through the mail. In one envelope addressed to Spiderman, Puglisi's nickname, he received a cell phone, \$1,000 cash and hacksaw blades, according to a state police investigative report obtained by the Statesman Journal.

Puglisi, 39, pulled off an elaborate escape plan last February, when he cut through a security fence with bolt cutters provided by a former hospital employee. After nine days on the run, he was arrested by police in Beaverton and charged with escape, attempting to elude police and possession of morphine.

Sent back to the psychiatric facility, Puglisi picked up where he left off -- determined to bust out. In October, police arrested two people who drove to the hospital campus along Center Street NE in a stolen car. They allegedly had cutting tools and methamphetamine.

The October incident remains under investigation. However, hospital employees and patients say the two suspects intended to help Puglisi escape.

Hospital officials recently breathed easier after Puglisi was transferred to the state prison system following his conviction on escape and drug-possession charges stemming from the February breakout.

"He was a handful," said Maynard Hammer, the hospital's interim superintendent. "That last one took some doing. I mean you bring in two persons with police records and a stolen car from Washington to try to cut a secure perimeter (fence)."

Puglisi's case sheds light on the kinds of security risks -- and lapses -- that crop up in the state hospital's largest and most volatile program.

In the last two years, a dozen forensic patients have escaped. Other patients have smuggled in methamphetamine, marijuana, weapons and other contraband. Still others have become entangled in romantic relationships with hospital staff members.

Most forensic patients were committed to the psychiatric facility instead of jail or prison because judges found them guilty of crimes but insane at the time. Their crimes ranged from shoplifting to murder.

Forensic wards chronically are overcrowded and currently hold about 460 patients --

exceeding the budgeted capacity by about 30.

Program managers and staff juggle dueling responsibilities -- dispensing therapy, which often includes doses of freedom for patients granted passes for community outings, and running a safe and secure institution. It's a tough balancing act in a cramped, woefully outdated facility that is part hospital, part prison.

Citing patients' civil rights, Hammer said there's nothing to prevent troublesome patients from using phones to gamble or set up deals to get contraband.

Most forensic patients -- even on maximum-security wards -- have access to hallway phones.

"They have phone privileges unless there's something particular that causes them to lose them temporarily," Hammer said. "We have some patients that tend to like to dial 911 continually, and we'll often block that. But generally speaking, they have phone privileges."

Few patients match Puglisi's talent or zeal for poking holes in security, Hammer said. But he acknowledged that some patients have similar tendencies.

"They're intelligent folks. They know the street. They know how to manipulate and organize things," he said. "They've got a lot of time, and they've got access to (phone and mail) communications. Sometimes, they keep us on our toes."

Escape details revealed

On the night of Feb. 14, Puglisi bided his time in a hospital gymnasium.

Complaining that the gym was stuffy, he convinced a staff member to open a door leading to a fenced recreation area.

Puglisi took a folding chair into the enclosure, walking past a sign reading "Please Do Not Take Chairs Outside."

About 8:30 p.m., he cut through the security fence and raced to a nearby getaway van.

Details about Puglisi's escape, and the gambling bets he placed using hospital phones, emerged in state police reports recently obtained by the newspaper through a public records request.

Among the revelations:

- A former patient identified as Mary Flynn became acquainted with Puglisi during her stay at the psychiatric facility and played a key role in paying off his gambling debts and supplying him with contraband. Flynn told investigators that she received money from Puglisi and other patients in order to do so.

"Ms. Flynn said she would get instructions from Mr. Puglisi about what to do, what to

buy and how to send it or who to send things to," a state police detective wrote in summarizing an interview with the former patient. "Ms. Flynn said each time she got instructions she was to destroy them after following them and she said she had."

Flynn said she paid off the gambling debts via Western Union money orders to the Philippines and Costa Rica.

"Ms. Flynn said specifically she received several thousand dollars from a patient at the Oregon State Hospital named Tommy Gagliano (See attached Washington Mutual wire transfer notice for \$3,319 dated 1-18-2007)," states the police report. "Part of this money was to pay for gambling debts for Mr. Puglisi and the other part was to pay for a cell phone, hack saw blades and \$1,000 cash and a gift for a staff member named Diane Raines."

- Flynn reportedly told investigators that she didn't want to mail contraband to the hospital but complied with Puglisi's commands because he threatened to send people to harm her if she failed to deliver.

- Flynn said she routed the candy package to hospital staff member Raines, who then passed on the envelope addressed to Puglisi. "Also contained in the package was a Wal-Mart gift package of female bath items for Ms. Raines as a gift from Mr. Puglisi for Ms. Raines for her help," states the police report.

Interviewed by detectives after Puglisi escaped, Raines explained that she had opened the package "a little bit," just enough to see a box of peanut brittle and Almond Rocha. Describing herself as an "old softy," Raines forwarded the package to Puglisi.

The police report states: "Ms. Raines said she did not know there was anything else in the package except for candy. When asked if there was anything else in the box from Ms. Flynn, Ms. Raines said no. (Ms. Raines did not disclose the gift pack she received in the box from Mr. Puglisi as a thank you for her help and for her being so nice)."

- Puglisi's fence-cutting bolt cutters reportedly were supplied by a former hospital employee named Cassandra Alvarez, who was employed at the psychiatric facility for about five months in 2004. Interviewed by state police, Alvarez reportedly said she purchased the tools at a Keizer hardware store and delivered them to the hospital recreation yard.

- From his hospital ward, Puglisi made arrangements to obtain a getaway van. He reportedly selected the vehicle from a classified ad in a Eugene newspaper, then made phone calls to Alvarez and persuaded her to drive it to the hospital for use in the escape.

- On the day of the escape, Alvarez reportedly parked the van along D Street near the hospital grounds and waited for Puglisi.

- After Puglisi ran to the van, the two drove to Alvarez' apartment, where they reportedly smoked marijuana. Puglisi told a detective that he paid Alvarez \$200 for helping him escape; she denied receiving such payment.

- Another forensic patient, David Anderson, reportedly had planned to escape with Puglisi. However, Anderson got cold feet and backed out.
- At the time, Anderson reportedly was involved in a romantic relationship with Bonita Tucker, then a hospital staff member. Tucker and Anderson had planned to go to Texas after Anderson escaped with Puglisi.
- On the night of Puglisi's escape, Tucker showed up at Alvarez' apartment. She reportedly was surprised to discover that Anderson wasn't there. "Where is David?" Tucker asked.
- In the wake of Puglisi's escape, Tucker reportedly resigned from her hospital job on March 23 but subsequently stayed in contact with Anderson through phone calls to the hospital.

As of 5 p.m. Friday, the Marion County district attorneys office had not answered a Statesman Journal inquiry asking whether criminal charges had been filed against anyone reportedly involved in the contraband and escape scheme besides Puglisi.

Puglisi recently was transferred to the Oregon prison system, after his conviction on charges of escape, eluding police and drug possession. He is locked up at Snake River Correctional Institution in Ontario.

Hammer said it was hard to predict how Puglisi might adjust to prison routines.

"He may find it easier to cope there, he may do fine if he doesn't make too many enemies," he said.

Puglisi apparently got off to a rocky start at Coffee Creek Correctional Facility -- the entry point for new state prison inmates. He was charged with violating rules by giving his medication to a fellow inmate.

At Snake River -- the state's largest prison -- Puglisi now is housed in the Disciplinary Segregation Unit, where inmates are kept in their cells for at least 23 hours per day. Inmates call DSU "the hole" or "the bucket."

His medication violation resulted in Puglisi's stint in the segregation unit, and he is set to stay in the lock-down unit until the end of December, said Amber Campbell, public information officer at Snake River.

Prison officials denied the newspaper's request to conduct a telephone interview with Puglisi.

Supervision easily evaded

In contrast to Puglisi's elaborate escape efforts, Christopher Walker made his getaway by closing a door on his staff escort.

Walker, 46, slipped away from his guard on Nov. 21. He received a day pass to make a supervised visit to his mother's care facility in Portland.

It became a headline-grabbing debacle because Walker had a history of murder, arson and assault. He fatally stabbed his girlfriend almost 20 years ago during a drug-induced psychotic episode.

Conditionally released from the hospital in 1996, Walker reportedly caused no problems for years. But he demolished his good-behavior record in 2003, when he tried to blow up a propane tank at a Portland business.

In that episode, Walker lit the end of a propane hose and used it like a flamethrower to keep officers at bay. Firefighters doused the flames, and Walker was arrested.

Sent back to the state hospital, Walker reportedly made enough progress in treatment that his doctors gave him the privilege of supervised visits out of the hospital.

At the Portland care facility, Walker reportedly used a building access code to enter the facility. He then closed the door to prevent his staff escort from getting inside. According to police reports, the guard called the state hospital to report what had happened, but nobody called police for at least 45 minutes.

The delay gave Walker time to flee. Police spotted him the next morning in a Portland neighborhood. Walker tried to run away but officers caught him.

Hammer said the incident prompted a sweeping review of forensic program pass privileges and staff supervision for patients on such outings.

"We're reviewing our own procedures to make sure we're following what we should be following," he said. "That's part of our commitment to the community when we say we have a secure facility."

Pass restrictions

As forensic patients undergo treatment for mental illness, community outings play a key part in preparing them for life after the institution, hospital officials said. In a typical month, they said, hundreds of patients benefit from leaving the hospital for approved outings.

Passes allow them to visit relatives, shop, exercise, attend Alcoholics Anonymous meetings, visit libraries, conduct job searches, enjoy rafting trips and more.

Community outings provide welcome relief from hospital strife and stress for patients cooped up on crowded hospital wards. In most cases, they cause no problems when they leave the hospital.

Good intentions can go awry, however. Some patients bolt from supervised passes, like Walker, and others fail to return from unsupervised outings.

Richard Laing, an outspoken critic of hospital conditions and care, said he escaped because he was frustrated by futile efforts to win his discharge from the state Psychiatric Security Review Board.

On Nov. 18, 2005, Laing failed to return to the hospital from his unsupervised pass, ostensibly to visit Salem Public Library.

After nearly two years on the lam, police recently collared Laing in Portland. His arrest came after he was spotted by Mary Claire Buckley, the director of the Psychiatric Security Review Board. Buckley notified police and officers nabbed Laing.

Unlike Laing, most escapees are caught within hours, or days, of getting away, records show. Of the 12 forensic program escapes recorded during the past two years, half were caught on the same day they took off.

As part of the security review launched in the wake of Walker's escape, hospital officials temporarily suspended pass privileges for many patients.

Hammer said passes were rescinded for patients not currently on a planning track to be conditionally released from the hospital. Passes continued for patients with release planning, he said.

"There was no blanket revocation of passes," Hammer said.

Still, the clamp down on pass privileges prompted grumbling from some patients.

"It's like a concentration camp," Reynaldo Rios said, calling the newspaper from his forensic ward.

Longtime patient Robert Martyr described the clamp down as "the typical knee-jerk reaction" to a high-profile escape.

Hammer said hospital officials took Walker's escape seriously because it raised questions about staff diligence and the use of one-on-one supervision for patients.

"I had a question myself when it was reported to me: Why did we send him up there with one escort? That doesn't necessarily speak to how dangerous the patient is; it speaks to the fact that anything can happen with one escort. What if the person gets sick or you have a car accident? So there's a number of reasons we needed to kind of look at the whole process."

Hammer said he anticipated that pass privileges gradually would be reinstated for those patients who lost them.

"What we're trying to do is make sure that the passes are consistent with treatment plans, and, if there are passes and privileges, that it's with the appropriate level of security and the appropriate number of escorts," he said.

Dangerous escapees

Here's a look at some of the dangerous patients who have escaped from Oregon State Hospital's forensic psychiatric program for the criminally insane:

2006: Mother killer Thaddeus Ziemplak escaped by running away from a staff member while visiting the Big 5 Sporting Goods store on Lancaster Drive NE. Two days later, he was captured 350 miles away in Wenatchee, Wash.

2003: Robber and hostage taker Michael Marks escaped by scaling a 12-foot fence topped with four feet of coiled razor wire. He was captured a week later in Vancouver, Wash. Police said Marks had two stolen guns, a television set and other stolen items stuffed in pillowcases.

1995: Killer David Ball, committed to the hospital for stabbing to death his stepdaughter's boyfriend, walked away from a work detail. He turned himself into authorities three days later, calling police from a West Salem phone booth.

1991: Double killer Michael McCormack slipped away from a hospital staff member during an outing to the Oregon Supreme Court law library. McCormack traveled across the country, disguising himself as a woman. Three weeks later, the FBI collared him at a Western Union office in Canton, Ohio.

1981: Rapist Michael Perrine sawed his way out of the hospital, and later was accused of stabbing to death a Texas cook. After a Texas court ruled that Perrine was mentally incompetent to stand trial, he was extradited to Oregon and placed back in the state hospital in 1983. Within days, he hanged himself by tying a sock around his neck and attaching it to a window screen in his room.

PSRB Tribune

Provides information surrounding the Mental Health System and the Psychiatric Security Review Board.

OCTOBER 25, 2008 BY ADMIN

Ex-state hospital worker sentenced in escape, smuggling

**Ex-state hospital worker sentenced in escape, smuggling
Separate incidents in 2007 lead to four months in jail**

By Ruth Liao • Statesman Journal
October 25, 2008

A former Oregon State Hospital employee will spend four months in jail for helping a patient escape and later smuggling drugs to another patient with whom she had a romantic relationship.



<https://psrbtribune.files.wordpress.com/2008/11/hosp.jpg>

Bonita Tucker, 30, pleaded guilty Friday to second-degree escape, supplying contraband, delivering a controlled substance and possession of a controlled substance.

Circuit Judge Joseph Guimond sentenced Tucker to four months in jail and two years of probation.

“This was a blatant violation of a position of trust and which placed a great risk to the community,” Guimond said.

The convictions stem from two separate episodes in 2007, one when Tucker was employed as a mental health therapist with the state hospital and one that happened after she resigned from her job, said Marion County Deputy District Attorney Paige Clarkson.

Subject:	Re: OSH Staff behaving badly (prepared June 10th, 2008)
From:	Robert E NIKKEL (Robert.E.Nikkel@state.or.us)
To:	wisegamer@yahoo.com; Bruce.Goldberg@state.or.us; Eva.Kutas@state.or.us; William.Newton@state.or.us; Eric.Nomura@state.or.us; Edward.J.Stallard@state.or.us;
Date:	Friday, June 13, 2008 8:41 AM

Mr. Giffen, I read your document last evening and will be sending it to the Office of Investigations and Training this morning. I am a mandatory reporter and you have made numerous allegations that require investigation by OIT. I realize that some of what you've written has already been investigated but there are new items (at least from what I can determine) that need OIT's attention.

Bob Nikkel, MSW
Assistant Director, DHS
Addictions and Mental Health Division (AMH)
500 Summer St NE, E-86
Salem, OR 97301-1118
503-945-9704
fax: 503-373-7327

>>> "Todd G." <wisegamer@yahoo.com> 6/12/2008 11:26 AM >>>

Hi, my name is Todd Giffen. I am a patient at Oregon State Hospital on ward 48B. I arrived under the Hospital's control in November of 2005 - under a "Guilty except for insanity" plea which I never supported at all; however due to a cognitive disorder (ADHD-i**)I suffer from (as you shall see) I was unable to effectively communicate my disapproval of the plea - Increasing my originally misdemeanor charges, to felonies. I have laboriously compiled these events for you examination and (hopefully) support. Below are dates that you need to check the security videos (security video logs are overwritten every 30 days). Deborah Howard has been lying about the below incidents. The below records are accurate as to what has been happening on the unit. Besides what's listed below, some of the inappropriate behavior I have been subjected to (by staff) includes manipulating myself and my environment, eavesdropping on me, staff generally trying to get me into trouble and terrorizing me, and allowing other people/patients to do the same (both through mental and physical abuse, i.e. objects thrown at me, uncontrolled fights). Since May 10th, I have contacted other people as well as my family for support and help in looking into this matter - so far, we have received no help, and no one has looked into the issues at hand. Please look into it.

Before I came to this hospital I had none of the problems the hospital is now advocating. I had very good relations with my doctors and caregivers out in the community as well as my P.S.R.B. case monitor (Roger Coleman). Roger Coleman had even gone as far as writing in his letter to the P.S.R.B. (for the possibility of revocation) that he was, "regretful

that this had happened," that he "cared a lot about me" and described me as an "incredibly sensitive, caring and refreshingly honest." What has changed since my move to Oregon State Hospital?

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I have been getting harassed and tormented by the staff for quite some time. More recently, the hospital staff have stolen a personal note of mine that they had said had some "incriminating information" within it about Jeff Burkoltz (a staff who had previously helped *Bonita Tucker [More information to follow] get out of administrative trouble and put the blame on me). Jeff Burkoltz has also made threats toward me i.e. that he was going to make sure "that everyone knew about me" and that I would be back in his control, "in no time." Jeff Burkoltz has also called me a "borderline bitch" (while in transit from 48B to 50C in October). Soon after these threats, there was some information about me circulated throughout the hospitals staff infrastructure (a threat Jeff Burkoltz had made in the tunnels). Although false, the information spreading around about me contained slander involving claims such as: that I was anti-social, psychotic, a stalker/predator, sexual predator, manipulator, chronic masturbator, that I had forced myself on hospital staff, that I was co-dependent, borderline, an attention seeker, a liar, that I was delusional and had "misperceptions." Fortunately, none of this was true.

This stems from an incident in 2006 with Bonita Tucker who had gotten me in trouble when she had given me her personal contact information and engaged into inappropriate physical contact. The incidents with Bonita Tucker occurred on 48B where she worked. The staff were aware that this was happening but, didn't do or say anything about it, much less even report it. Soon after, Bonnie Tucker began having problems. The other staff (her colleagues) were telling her what to do to try and get herself out of trouble. One staff named Gus told her to "be careful." Bonnie Tucker later came and talked to me about how we could just do it a different way without her getting in trouble. A nurse once noted on the situation between myself and Bonita Tucker, but it was later taken out of the shift report because it wasn't believed. Later on, when I was on a different unit and it became a problem, the staff from that unit had falsely accused me of being many of the things originally made claim by the false information spreading around the hospital about myself. Even though the staff involved knew the false nature of this information, they supported the claims to keep Bonita Tucker and themselves out of trouble. I tried to tell various staff about this situation but, I was not able to because of my cognitive disorder. I did one time talk to Dr. Sible about it; However I did

not say much, or reveal many facts, only asking hypothetical and slightly unrelated questions for fear that I would get into trouble for being involved.

On 50G, the effects of my cognitive disorder led me to try and communicate in a different way, and also kept me upset most of the time. One interaction with a psychologist on 50G named Stacey Caraballo was very upsetting, I was very upset and talked to her about the recent events but, feeling as if I was not able to tell anyone about them; it was difficult for me to communicate and I ended up telling the psychologist that I would "show her." Although nobody ever told me, later, Stacey Caraballo had made a claim that I was a sexual predator and a manipulator based on that incident. When I tried to talk to other staff on 50G about this incident, I was told to, "forget about it." Nothing about this event was ever put into my charts; The repercussions from this surrounding staff involved mainly personal verbal attacks and exclusion from activities.

I had been approved for conditional release by the hospital and the P.S.R.B. and was also scheduled for an interview, however the staff would not let me exercise my privileges to go to the interview, and I was forced to remain here at the hospital. I dealt with this for many months until 2007. Prior to 2007, during 2006 I wrote a formal complaint to O.I.T. concerning incidents involving Bonita Tucker and the staff's conduct surrounding the events. O.I.T. stated that the possibility of sexual abuse was unsubstantiated while performing a general investigation however, O.I.T. commented on the fact that Bonnie Tucker had a history of boundary problems and had apparent boundary confusion. Later on, in 2007, I was still in the hospital dealing with this situation ; Bonnie Tucker had gotten into a romantic situation with another patient: David Anderson. Bonnie Tucker had also brought in contraband on at least one occasion and tried to help David Anderson escape. Bonnie Tucker resigned later, in March of 2007. I had previously told O.I.T. about Bonnie Tucker, her relationship to David Anderson and other patients; Specifically; I mentioned them being close, and her bringing contraband for them in 2006 - but nothing was ever done. Consequently, after she resigned, the staff's attitude changed. They started letting me use my privileges again and sent me to 41A (A co-ed, transitional unit).

Once I was on this unit, two main events took place: I began questioning the meds I was on and my current diagnosis, as well as being confronted by the unit's head nurse (Nikki) concerning these issues as well as receiving therapy directly from Michelle McGraw-Hunter (The unit director) concerning the events with Bonita Tucker (thus, affirming my suspicions that they

already had foreknowledge); despite the therapy however, I was scared to let out any facts for fear that I would be implicated and fall into some sort of trouble. Previously, doctors had forced me to take meds I didn't need, including Seraquel. When I tried to get off of those meds (which had been incorrectly prescribed to me) on 41A, the doctor tried to over-ride my decision. That failed. The outside doctor called in disagreed with the hospital and alternatively identified my difficulty with communication (inattentiveness and problems communicating). The outside doctor diagnosed me with ADHD (which I had been previously diagnosed with as a child) and he recommended treatment. The doctors in the hospital would not provide treatment for ADHD (Specifically, Dr. Fritz would not provide the required treatment, Dr. Fritz had said he didn't want to prescribe Wellbutrin for my ADHD because it could cause a manic episode. Instead, I was prescribed Paxil, which I later found out also carries the same amount of risk as Wellbutrin to cause a manic episode. Along with the growing conflict and turmoil, I was actively involved in a couple legal affairs involving O.A.C. and a post conviction release hearing. The staff assumed that I was pursuing legal action against them and added to the growing negative atmosphere surrounding me. After I advocated to be treated for ADHD-i, as well as taking several physiological tests from Dr. Lundblad (another doctor assigned to 41A) who's results showed my high- impairment in several categories including: Attention, delayed memory, immediate memory, productive language and memory. Dr. Fritz started me on a low dose of Ritalin that I found out was insignificant when compared to what is typically considered a therapeutic dosage (about 1/10 to 1/20 of the therapeutic dose). When I then tried to get off of Seraquel and get my Ritalin increased, I ran into further difficulties, from which I was sent to 48B for. It was very difficult for me to communicate effectively with the staff during this period due to my untreated cognitive disorder. Directly before my transfer back to ward 48B (while I was still on 41A), I was also suffering from withdrawal effects from the loss of Seraquel. At a critical moment, I was confronted by 41A's unit director and head nurse. We discussed possible med changes, but not once was the possibility of a transfer back to maximum security ever brought up. The doctor confronted me briefly and made a minor adjustment to my prescriptions (lowering my Ritalin to an even less effective level). I briefly objected to his actions and I felt as if the doctor (Dr. Fritz) did not take into account anything I had to say, finishing the conversation by telling me, "Stop doing it, you do it to yourself." I assume also, from this brief argumentative confrontation that the doctor wrote the transfer order for me to be sent back over to 48B, maximum security. From then on, there has been

on-going turmoil. During this short transition period, all of my legal documents were searched by staff and after being returned to me - documents were missing. The staff involved made claims that there had been a "property mix-up," despite the fact that all my legal documents were clearly marked with my name. Shortly after I even spotted some of my legal documents that were missing in the "outgoing mail" box on the ward; I assume that, without my knowledge, my documents were being sent to someone else, but who? I do not know.

Once arriving at 48B this first time is when most of the issues surrounding Bonita Tucker arose - and consequently, much of the personal attacks and abuse from hospital staff. I inquired as to David Anderson's situation and Bonita Tucker's status only to be told to, "back off" and that I was, "interfering with his (David Anderson's) treatment." I spent a short period on 48B where I was then promptly transferred to 50C (this is when I experienced Jeff Burkoltz's initial threat while en-route through the OSH tunnels). This negative reputation, spawned from the false information about myself that was being spread throughout the hospital had significant impacts on other's views of myself. Each ward I was sent to after wards received me with skepticism and negativity, I was at a complete disadvantage. I was also subjected to frequent disinformation, an example being: After being transferred from 48B to 50C I was told that after 30 days of good behavior I would be allowed back to 41A (Which has actually changed buildings and is now 35A). At one I.D.T., in which my grandparents showed up, the unit director of 50C made very clear that I would be headed back to 35A in no time; only after several days, after approaching the unit director about the same issue, I received a response as if the unit director had no idea what I was talking about. I had more unpleasant experiences on 50F where the doctor gave the nurses on 50F the authority to use Halidol intravenously as needed - without my consent. I experienced similar unpleasantness when I was told that I would be moving to 35C from 50H with the intention of transitioning back to 35A. However this never came to pass. All the while, on all the different wards I was sent to before my final transfer to 48B (where I am now), I consistently experienced the continuing personal attacks and abuse from staff. During this period I also made it clear that I was not unfamiliar with potential legal actions, I believe that it was primarily through the possibility that I may attempt to exercise my legal rights that I was denied access to a minimum security ward since then.

As I have experienced everywhere else in the hospital (and which has been continuing even at this moment while I am here on 48B), I have ran into continual resistance from the hospital staff to support therapy for my cognitive disorder; It is through their fear of

being invalidated and proven incorrect as well as their dedication to keeping my credibility and levels of effective communication low. I have tried on multiple occasions to seek support from O.A.C. and although they did look into the matter, the hospital argued that I was indeed not suffering from ADHD-i. Upon further investigation, the hospital did then acknowledge later that I met the criteria for an ADHD-i diagnosis but, that they were not willing to treat it. This "back and forth" behavior by the hospital regarding my diagnosis and treatment in conjunction with O.A.C. has overall led O.A.C. to loose interest in my claims, question my credibility, and generally withdraw any support. Following this line of lack of support, personal attacks and irresponsibility of staff, inappropriate medication prescriptions as well as incorrect diagnosis, and overall discontent with treatment from the hospital led to an assault on a staff named Luke on 48B (from myself). I was "taken down" (by staff) inappropriately, and at one point, a nurse Joseph Scott had forcibly placed a towel over my face and applying pressure - not only cutting of my air supply several times but causing bleeding after the scramble was over. When answering questions, Joseph Scott claimed that my bleeding injury from the scuffle was not a consequence of the "take down" itself, but from my own "self-mutilation," which was an outright lie. Later that day, the nurse apologized for his actions, which confirmed the false nature of his claims. Dr. Chang was working then and asked me if I wanted to be examined after being injured in the "take down."

The negative impacts on the false information spread around the hospital about myself are still felt. Agencies who I would normally turn towards for support, such as O.A.C. or O.I.T. and even the State Police, have been negatively influenced by the falsified information made public about me. This has led State official to question my validity and during interviews, asking questions pertaining to Bonita Tucker such as my sexual attraction towards Bonita and other unrelated questions, as well as the overall sabotaging of the O.I.T. investigation.

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Significant events in chronological order:

Saturday, May 10th 2008:

- Personal note stolen at about 7 or 8pm.
- I was harassed and threatened by David Anderson and Chris Walker.
- Placed on 1 to 1 behavior watch.

Sunday, May 11th 2008:

- Staff tracked down the note. Christina Hoganson found the note and gave it to David Anderson who then gave it to staff. Staff discussed the note. Jeff Hudson, while in the hallway on constant commented on how I didn't give permission to have the note passed around or read.

- Around dinner time, the nurse was telling the staff to let me do whatever I want to do, with the intent to, "we just want him to behave."

Monday, May 12th 2008:

- During the very early hours, staff were talking about "protection."

- In the afternoon, a staff (Jennifer) working overtime (who usually works graveyard), said how "he shouldn't have done it, even if it was true. He is supposed to be our role model."

Occurred on either the 12th or 13th, around 3 or 4 pm:

- I asked Jeff Hudson for my note back and he acts as if he has no knowledge of the note and says, "What note?" Then he says, "Oh he's good." I make a phone call to Deborah Howard to ask how to get the note back. After my phone call, the nurse comes out of the office, and says "It's out of control." Then the phone rings, the staff refer to the person they are talking about as the "narcissistic one."

- Again, in the kitchen, at dinner time (5pm), a friend asks a staff named Eric about my note; Eric claims he doesn't know anything about the note, also in the kitchen around the same time, Jeff Hudson starts talking about how the staff have found something out about me, and how they "got me" and similar remarks.

Wednesday, May 14th 2008:

- About 9 pm, I go into the kitchen and read my chart with my case monitor, Jodie, and we talk about the recent events. After we are finished, Jodie leaves and quickly exchanges comments in private with the other staff. After wards, staff start commenting on the things that I had been discussing with Jodie; they make comments such as, "it's not good enough", or "It won't cut it." Soon after that, another staff comes down the stairs from 48C named Randi Davis; he is excited about how these "ADHDs are so incriminating with their impulsivativaties," he expressed pleasure in this.

- In the earlier half of the day, David Anderson asks the staff Shirley about my note, and Shirley replies, "Well, he was so badly manipulated, that he got into

trouble."

- Outside doctor comes onto the unit around 7 or 8 pm. and I overhear staff talking to the doctor about "going off on a live microphone." as well as making comments about me.

Thursday, May 15th 2008:

- I did not sleep the night of the 14th because I was disturbed by the recent events. I was up all night trying to figure out what the staff were taking about as well as writing about it. I briefly left my room to get a tissue, which later was misconstrued as a masturbatorial action by case monitor <see the 16th>.

- During breakfast, a staff named Brandon referred to me as a "smooth operator."

- Later this day, I came out of my room to talk with my case monitor out in the hallway. I noted the odd behavior displayed by Jodie when she removed herself from the line of site of anyone in my room.

- During the day, Jeff Burkoltz told a staff named Barbara that he thought she is "hot," a that he, "wants her" and that this makes him (Jeff), "Jealous;" All the staff in the immediate area began laughing about this.

- At 7pm, Jeff Hudson comes onto the unit and, apparently, after leaving a meeting pertaining to me, involving various doctors and hospital staff (discussing recordings they had obtained of me through eavesdropping as well as my sexual behavior) and is told by another staff on 48B named Mauri "No, Jeff Burkoltz was right... Oops! I shouldn't have said that."

Friday, May 16th 2008:

- My case monitor Jodie comes onto the unit and I notice she is in a very strange mood when I begin discussing my package.

- I called Molly Carter at the State Police, David Anderson was sitting next to me. I left a message concerning the stolen note.

- Around 10am, Jodie begins a discussion about masturbation. She makes the assumption that I was masturbating to Jodie while in my room, Thursday at around 10pm. This is very upsetting. I begin discussing the possibility of sexual harassment and how none of these accusations are true, and Jodie denies all of it. Jodie leaves and begins discussing this with staff, staff begin making remarks. Jeff Hudson tells Jodie that she should have yelled upon

seeing my "exposed balls."

- David Anderson informs the staff Shirley of my phone calls to the State Police this morning. She replies, "We'll fix it."

Saturday, May 17th 2008:

- The staff make several comments about my knowledge of their eavesdropping in my room, during my phone calls, and overall - spying on me.

- I verbalize frustration at my situation while in my room and a staff named Melissa comes out of the office and says, "He knows."

- I call my family and express my displeasure in my recent experiences here at the hospital, I said how we should "fuck em' up." The staff later receive a call about this and began collectively joking about it, and making fun of me.

- Jodie tells me that I only have two pleasant phone calls that day out of nine.

- Later today, I make another comment to staff about how they are spying on me. A staff named David Hampton (the nurse) comes out of the office and begins talking about how "We had to violate his rights just to say he does/doesn't have ADHD."

Sunday, May 18th:

- Two nurses: Dave Hampton and an overtime nurse were listening to my phone calls and after doing so began to comment about my actions and conversation on the phone, intentionally speaking in such a way as to make me feel as if I had done something wrong or incorrect. I then called my family to discuss what I had just experienced and the nurse, Dave Hampton said "We'll have to wait for a doctor to make a diagnosis." thus insinuating that I am suffering from paranoia.

Monday, May 19th 2008:

- N/A

Tuesday, May 20th 2008:

- I got records from my childhood about previous ADHD diagnoses. I also received information pertaining to practical treatment of ADHD as well as some information about ADHD-i. After taking this new information to my room, a staff named Crisco said in an upbeat, sarcastic way, "Have what you need?"

Wednesday, May 21st 2008:

- I spoke with Attorney David Daniels.

- The staff talked about me and some of the matters I had talked about with the law clerk as well as my meeting with David Daniels; Jodie commented, "You don't know? He was talking to David Daniels that day." The staff were also discussing the possibility that there are microphones (for eavesdropping) in the law library and evaluation rooms.

Thursday, May 22nd 2008:

- I called Molly Carter (at the State Police) a second time. Staff commented on my phone call, hinting that I hadn't "revealed" anything significant.

Friday, May 23rd 2008:

- I chatted with O.A.C. Once again they commented that they didn't think that they were going to do anything. However they did comment on my credibility pertaining to my move to 50H.

Monday, May 26th 2008:

- I was moved away from the staff/constant area.

Wednesday, May 28th 2008:

- Staff were discussing amongst themselves why I was moved away from the staff/constant area and the reply was that I was too "intrusive," and that they didn't like me hearing what they were saying.

Thursday, May 29th 2008:

- I made a comment to my father over the phone about the F.B.I. and my civil rights.

- Around 8pm (snack time), Melissa answers the phone and discusses to another person on the other end of the line how I am not supposed to contact the F.B.I. Suggesting that the staff are now making an active effort to keep my from contacting the authorities.

Friday, May 30th 2008:

- The staff begin scattering and panicking. My family and I had called the F.B.I. on the 29th only to be told to call back the 30th. Although we made a report, the F.B.I. has not done anything. I have also called several other bodies about these events including Deborah Howard, other attorneys and the governor.

Friday, June 6th, 2008:

- I have received no support from any of the attorneys I have contacted, or any of the support

groups.

Saturday, June 7th 2008:

- Around 5:45 to 6:10pm by the 48B laundry room, a staff named Lisa was talking about manipulating the surveillance gear and intentionally disabling the audio to implicate different situations, instead of what really happens. Lisa also made a comment related to this, "The eye see's." implying that without audio, the staff would be able to mold event caught on surveillance to their liking.

Misc. Comments made by staff during this period:

- The overall mood and attitude of the staff surrounding the use of restraint devices has significantly changed in the recent months. Whereas before, staff were making an effort to refrain from using restraints, now, they are making an effort to use restraints without barely a reason.

- David Anderson had said that Jeff Burkoltz had made claim that my note (taken from me May 10th) contained incriminating information against himself and Oregon State Hospital and that this was the original reason why it had been taken from them in the first place.

- I have heard staff discussing my "incredible sexual stamina."

- Various amounts of laughter about how I am "sick", "gross" and "weird"

- Staff generally terrorizing me by saying strange things, looking at me odd, and behaving differently after I have made certain phone calls; the staff get nicer and act like they have changed their behavior because of my phone call.

- Security video tapes are overwritten and reused every 30 days.

Misc. Information contained in the note:

- Mainly pertaining to cruelty from the hospital staff.

- Staff's gestures, jokes and verbal attacks such as calling me a "freak" and a "faggot."

- Individuals who could be possible witnesses to these events such as my grandmother and another patient who witnessed my spending a lot of time with Bonita Tucker.

- Detail about staff's continued protective behavior concerning David Anderson and Bonita Tucker.

- Gus's knowledge of Bonita Tucker's actions and when I was sent to 50G and the overall irresponsibility of staff in officially reporting the issue.

- Misc. comments made by Jennifer, "Now you listen to us, and we'll listen to you." As well as Jeff Burkoltz calling me a "Borderline bitch."

- The incorrect diagnosis and medical prescriptions maintained by the hospital staff in an attempt to keep themselves from looking bad, or invalidating themselves while simultaneously degrading my communication skills and reducing my credibility. This supports the on-going behavior of the hospital staff of "keeping things under wrap" so that they do not appear negatively in the media or risk knowledge of this infrastructures vulnerabilities, such as the lack of liability insurance.

---+---

Both my family and I have tried to contact Deborah Howard around the 10th, 11th and 12th. She has never returned any of those phone calls, I believe this is because I have requested that my grandmother ask certain questions to get information. I have also written a formal complaint to the Seclusion And Restraint Committee, however the 48B staff did not send it until one week later when I was questioned about it. Instead of being sent to the Seclusion And Restraint Committee, the staff sent it to Deborah Howard, but I was not informed of this. Following up, I called Deborah Howard and upon asking about the complaint, I was told by her that it was sitting on her desk and that she had done nothing about it.

Further more, my family has contacted the Governor's Office at D.H.S. about the inability to reach Deborah Howard, who then were told that they were lying and that Deborah Howard had indeed made contact. I have also tried to seek support from within the hospital, including support from other various staff members, but the intimidating nature of the hospital's infrastructure has had a suppressing effect on my potential supporters. To emphasize, I arrived the the hospital on November of 2005, and by December I had already received conditional release planning. By February of 2006, I had achieved on of the final privileges from the risk review board needed to be released from the hospital: Conditional Release Pending Approval. However due to the nature of the events and the way the hospital operates, no action was ever taken.

Sincerely,

Mr. Todd Giffen

(503) 371-9958
(503) 378-9889
Oregon State Hospital, Ward 48B
2600 Center St. N.E.
Salem, OR, 97301

Please do not respond to this e-mail address as I do not currently have access to e-mail, instead, please use the above address and/or phone number. Thank you.

---+---

Direct link:

<http://www.healing-arts.org/children/ADHD/#ADD/Addition>

***Additional Reflections on ADHD, Prominently
Inattentive Type

Lahey & Carlson (1991) reviewed the research literature and concluded that was then called formerly called ADD (Attention-Deficit Disorder) was found in two independent dimensions:

one consisting of motor hyperactivity and impulsive behavior

the other consisting of inattention disorganization, and difficulty completing tasks

They concluded "it no longer seems doubtful that Attention-Deficit Disorder without Hyperactivity (ADD/WO) "exists," and that ADD without hyperactivity differs from ADD with hyperactivity (ADD/H) in clinically important ways."

Brown & Gammon (1992, 1993) at Yale suggest that more is involved in ADHD without hyperactivity than just inattention. Such is not just a mild case of ADHD, but can be a debilitating disorder in which even bright and talented people are unable to activate themselves and sustain their efforts for productive work. What is called apathy or lack of motivation is a chronic problem with activation, which may be central to understanding this type of ADHD.

Many of those with non-hyperactive ADHD report chronic problems with "getting cranked up" to do tasks, even tasks they recognize as urgent and important for their own welfare. Often this activation problem in ADHD extends to sustaining energy for tasks. Many patients report great difficulty keeping up their energy to read or write or do a task. They speak of feeling drowsy even after a good night's sleep. Some almost meet the diagnostic category for narcolepsy, reporting problems with dozing at long stoplights and difficulty fighting off drowsiness while studying, listening to lectures, or attending meetings. There appears to be chronic difficulty not only in activating to work, but in sustaining energy for tasks.

Chronic problems in activating and sustaining arousal make life difficult for high-IQ people, who are seen

by themselves, parents, teachers, and employers as extremely bright, with great promise for successful achievement. The symptoms of chronic inattention, lethargy, failure to follow through, brings oscillating achievement, poor grades and frequent reminders that "you could do much better if only you'd be more consistent." The wide gap between their potential and actual achievement can make these patients vulnerable to demoralization and resignation to failure.

About 30% of children meet diagnostic criteria for both inattention and hyperactivity ². Depending upon the study, 30-70% of children with ADHD continue to exhibit symptoms of ADHD in adulthood. ADHD crosses all socioeconomic, cultural, and racial backgrounds.

Some current researchers believe that the inattention seen in children with ADHD, predominantly inattentive (PI) type - also known as ADD without hyperactivity or ADD/WO - may actually be a qualitatively different problem than the type of inattention seen in ADHD, HI or combined types: a problem with focused/selective attention versus one of poor goal-directed persistence and interference control or inhibiting distraction. (Barkley, in press; Barkley and colleagues; Goodyear and Hynd; Lahey and Carlson).

All of this leads to interesting implications for the nature of ADHD, chief among which is that we have possibly two separate and qualitatively distinct disorders on our hands. The PI type may be the true attention disorder while the other two types are simply different developmental stages of the same disorder, one that involves behavioral disinhibition that ultimately results in poor goal-directed persistence and defective resistance to distraction (Barkley, in press).

For additional information, please see:

Attention Deficit Disorder Without Hyperactivity:
ADHD, Predominantly Inattentive Type, by Jennifer Wheeler, M.A., and Caryn L. Carlson, Ph.D.
Research Developments and Their Implications for Clinical Care of the ADHD Child, by Russell A. Barkley, Ph.D.

---+---

Formal Diagnosis of ADHD (DSM-IV and International Classification of Diseases)

The formal diagnostic criteria for ADHD/ADD used in most North and South America is the American Psychiatric Association's Diagnostic and Statistical Manual (DSM-IV), 4th Edition ⁵. Europe, Asia, and Africa use the International Classification of

Diseases, 10th edition (or the International Statistical Classification of Diseases and Health Related Problems (The) ICD-10, Second Edition). Each of these tools organizes the diagnosis slightly differently, but in both, the three major categories of symptoms are:

Hyperactivity

Problems with attention

Problems with conduct

The Diagnostic criteria for

Attention-Deficit/Hyperactivity Disorder (ADHD) from the DSM-IV are:

Criteria A - either (1) or (2):

(1) six (or more) of the following symptoms of inattention have persisted for at least 6 months to a degree that is maladaptive and inconsistent with the child's developmental level:

often fails to give close attention to details or

makes careless mistakes in

school

work

other activities.

often has difficulty sustaining attention in tasks or

play activities.

often does not seem to listen when spoken to directly.

often does not follow through on instructions and

fails to

finish schoolwork

chores

duties in the workplace (not due to oppositional behavior)

failure to understand instructions

often has difficulty organizing tasks and activities

often avoids, dislikes, or is reluctant to engage in

tasks that require sustained mental effort (such as schoolwork or homework)

often loses things necessary for tasks or activities (e.g., toys, school assignments, pencils, books, or tools)

is often easily distracted by extraneous stimuli

is often forgetful in daily activities

(2) six (or more) of the following symptoms of hyperactivity/impulsivity have persisted for at least 6 months to a degree that is maladaptive and inconsistent with the child's developmental level:

Hyperactivity

often fidgets with hands or feet or squirms in seat

often leaves seat in classroom or in other situations

in which remaining seated is expected

often runs about or climbs excessively in situations

in which it is inappropriate (in adolescents or

adults, may be limited to subjective feelings or

restlessness).

often has difficulty playing or engaging in leisure activities quietly

is often "on the go" or often acts as if "driven by a motor."

often talks excessively

Impulsivity

often blurts out answers before questions have been completed

often has difficulty awaiting turn

often interrupts or intrudes on others (e.g., butts into conversations or games).

Criterion B: Some hyperactive-impulsive or inattentive symptoms that caused impairment were present before age 7 years.

Criterion C: Some impairment from the symptoms is present in at least two or more settings (e.g., at school [or work] and at home).

Criterion D: There must be clear evidence of clinically significant impairment in social, academic, or occupational functioning.

Criterion E: The symptoms do not occur exclusively during the course of a Pervasive Developmental Disorder, Schizophrenia, or other Psychotic Disorder and are not better accounted for by another mental disorder (e.g., Mood Disorder, Anxiety Disorder, Dissociative Disorder, or a Personality Disorder).

The diagnosis is coded as:

314.01 (Attention-Deficit/Hyperactivity Disorder, Combined Type) if both Criteria A1 and A2 are met for the past 6 months

314.00 (Attention-Deficit/Hyperactivity Disorder, Predominantly Inattentive Type): if Criterion A1 is met but not Criterion A2 is not met for during the past 6 months

314.01 (Attention-Deficit/Hyperactivity Disorder, Predominantly Hyperactive-Impulsive Type): if Criterion A2 is met but not Criterion A1 is not met for during the past 6 months

COPY

August 28, 2008

Dr. Newton
Oregon State Hospital
Unit 48B
2600 Center Street NE
Salem, OR 97301

Dear Dr. Newton:

It has come to our attention that emergency medication was provided to a patient on ward 48B, Todd Giffen, for a time period that appears to be beyond the duration of any emergency circumstances. Our office understands that the order for emergency medication was continued for 10 days because it was originally written for 10 days – irrespective of the continuance of any emergency as defined by law. We understand that this patient has been determined multiple times to have capacity, and therefore be ineligible for forced medication other than in an emergency. Our advocate spoke to you while this situation continued, but was under the impression that you felt the order should be allowed to continue for a full 10 days.

As we have expressed in the past, this office is extremely concerned that the emergency medication provisions in the Oregon Administrative Rules and OSH policies be applied very strictly in order to avoid an end-run around the important protections provided in the rules for patients required to take anti-psych medications against their will on a regular basis.

The basic rule is that patients have the right to refuse (or withdraw consent to) any significant procedure, including anti-psychotic medications. OSH can force a patient to take medications against his or her will only after OSH staff has attempted to obtain informed consent, and a determination has been made that the patient lacks the capacity to refuse or withdraw consent to medications according to the rules in OAR 309-114- 0000 et seq. However, if there is an emergency, the state hospital may administer involuntary medication without following those rules.

Oregon administrative law specifically defines what constitutes an emergency. OAR 309-114-0015(1) state that an emergency exists if:

“in the opinion of the chief medical officer or designee:

(a) Immediate action is required to preserve the life or physical health of the patient or resident and it is impracticable to obtain informed consent as provided in OAR 309-114-0010; or

620 SW Fifth Ave, Suite 500 / Portland, OR 97204-1420

Voice: 503-243-2081 or 1-800-452-1694 / TTY: 503-323-9161 or 1-800-556-5351 / Fax: 1-800-513-2321 / www.disabilityrightsoregon.org

Disability Rights Oregon is the Protection and Advocacy System for Oregon

(b) Immediate action is required because the behavior of the patient or resident creates a substantial likelihood of immediate physical harm to the patient, resident, or others in the institution and it is impracticable to obtain informed consent as provided in OAR 309-114-0010."

The rules clearly only allow emergency involuntary medication when there is immediate danger. In this case, the patient was seen to be walking around the unit unrestrained, without additional staff assigned to him, interacting with staff and other patients, during the time the facility considered him to require emergency medication.

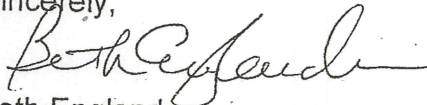
Further, the administrative rules go on to explicitly forbid the use of emergency medication once the emergency has subsided. OAR 309-114-0015(2)(d) states that:

"The administration of a significant procedure in an emergency situation does not allow the institution to administer these procedures, once the emergency has subsided, without obtaining informed consent."

Of greatest concern to us is what appears to be an interpretation by some staff that emergency medication orders last for 10 days. There is no basis for this in law. The OSH "Guide to Informed Consent Documentation" makes a general statement (on page 4) that emergency medications generally would not be used for more than 10 days. We are concerned that this phrase has been interpreted by staff and applied to mean that an order for emergency medication lasts for 10 days irrespective of whether emergency circumstances exist.

Thank you for responding to this letter by advising us regarding whether our understanding of the situation was incorrect, and how this situation will be avoided in the future.

Sincerely,



Beth Englander
Attorney at Law

cc: Roy Orr, Superintendent
Maynard Hammer
Micky Logan
Jeff Burkholtz
Todd Giffen

INFORMED CONSENT
Involuntary Administration of Significant Procedures
to Committed Patients With Good Cause

APPROVAL OR DISAPPROVAL

The Superintendent or Chief Medical Officer of Oregon State Hospital
(Name of State Institution)

has reviewed the proposal for administering the following significant procedure without the person's consent to Todd Giffen
(Name of Patient)

Significant Procedure: Clozaril (clozapine); Haldol (haloperidol); lithium; valproate; lamotrigine;
Ativan (lorazepam); Zoloft (sertraline); Buspar (busiprone); Ambien (zolpidem)
- as detailed on Form 2, page 1

- A. The person's rejection of the procedure or lack of capacity to consent to the procedure is a product of the person's mental illness or mental deficiency: Yes ___ No ✓
- B. The proposed procedure will likely restore or prevent deterioration of the person's mental or physical health, alleviate extreme suffering, or save or extend the person's life: Yes ✓ No ___
- C. The proposed procedure is the most appropriate treatment according to current clinical practice, and all other less intrusive procedures have been considered: Yes ___ No ✓
- D. The treating physician or qualified mental retardation professional has made a conscientious effort to obtain informed consent to the procedure from the person on two or more occasions: Yes ✓ No ___
- E. Independent review was conducted by George R. Suckow, M.D. and approval has been given: (Name of Consulting Physician) Yes ___ No ✓

You are hereby notified that the treatment procedure will ___ will not ✓ be administered. The treatment procedure shall be administered only as long as no substantial increase in risk is encountered, but in no case longer than one year.

Comments: _____

PLEASE PROVIDE PATIENT WITH ATTACHED MEDICATION INFORMATION SHEETS.

May 16, 2007
(Date)

(Signature of Superintendent or Chief Medical Officer)

John Bischof, M.D.; Chief Psychiatrist

ADDRESSOGRAPH

GIFFEN, TODD
70380

CONFIDENTIAL: This information has been disclosed to you from records where confidentiality is protected by State Law (ORS 179.505) and Federal Law (45 CFR, Part 164). You are prohibited from making further disclosure without specific consent of the person or as otherwise permitted by law.

THINNING: One Year
FILING: Original: Informed Consent
Copy 1: Medical Record Service
Copy 2: Patient or Legal Guardian

Stock #OSH-STK 12317 MR-3-08/2003
MR# 65-14-002612

INFORMED CONSENT

Treatment with Psychoactive Medications

DO NOT SIGN THIS FORM UNTIL YOU HAVE READ IT THOROUGHLY, DISCUSSED THE MATERIAL WITH YOUR PHYSICIAN, AND HAVE ALL THE INFORMATION THAT YOU DESIRE.

All of the following have been explained to me to my satisfaction by Dr. Fritz

The nature and seriousness of my mental condition. The diagnosis is bipolar disorder

The target symptoms for treatment with medication are unstable moods,

anxiety, paranoia

The proposed medication(s) atypical antipsychotics including
clozapine up to 900mg/d, typical antipsychotics
including haloperidol up to 40mg/d, lithium 600mg bid,
Valproate 750mg bid, lamotrigine 100mg bid,
carbamazepine 800mg bid, Zoloft 200mg bid, buspirone 15mg bid, antidepressants

Medication(s) may be given by mouth or injection on a daily basis or as necessary. The physician has explained the above medication(s) to me, the amounts to be given, how often I will receive them and the possibility of taking more.

Psychoactive medications have been used for a long time and are known to be effective. The exact reason for the effectiveness of psychoactive medications has not been clearly established; however, the effects appear to be related to their alteration of certain chemical processes within the brain.

Psychoactive medications have potential side effects in many systems of the body. Most of the side effects are minor and reversible. However, in some cases, adverse reactions are serious and may not be reversible, such as tardive dyskinesia, a movement disorder which may be permanent. Tardive dyskinesia is involuntary movement of the mouth, tongue, limbs, body, or hands and feet for which no effective treatment is available at this time. I also understand that the continuous use of these medications may hide or worsen symptoms of tardive dyskinesia. The symptoms may not appear until the medication is withdrawn. I understand that I should promptly notify my doctor or another member of the staff if there are any unexpected changes in my condition.

CONFIDENTIAL: This information has been disclosed to you from records where confidentiality is protected by State Law (ORS 179.505) and Federal Law (45CFR, Part 164). You are prohibited from making further disclosure without specific written consent of the persons or as otherwise permitted by law.

ADDRESSOGRAPH

Giffen, Todd
70380
41A

File Original: Informed Consent
Yellow: Medical Record Services
Pink: Patient or Legal Guardian
Thin: One Year
Form # OSH-STK 04351-MR-5-03/2004
MR # 65-14-0024-12

Certain medications have the potential for being addictive and may produce serious withdrawal symptoms.
☒ Does apply. ☐ Does not apply.

Certain medications have the potential for the side effects of tardive dyskinesia.
☒ Does apply. ☐ Does not apply.

The improvement associated with psychoactive medications may be permanent or temporary. The medications will not cure the illness, but usually will help control some of the more disabling symptoms. Relapses of the illness may occur when the medication is discontinued. Without this medication, the present mental disorder may improve spontaneously, continue with little or no change for an indefinite period of time, or worsen.

Alternatives to this treatment are no treatment; psychotherapy; milieu, social, activity, and behavior therapies. These alternatives may be useful in addition to the proposed medication(s), but are not preferable because:

medications are needed to treat symptoms

I have the right to accept or refuse this treatment and the right to revoke my consent for any reason at any time prior to or during treatment. This consent is being granted without threat or coercion, expressed or implied. I do understand that no guarantees or assurances have been made to me concerning the results of treatment with this medication.

I understand, in giving my approval to the recommended procedure, I am giving approval for a period of one year, unless there is substantial increase in risk of the procedure or unless I withdraw my consent. If I disapprove the recommended treatment, I understand my disapproval is for one year, unless there is deterioration in my condition.

The special circumstances that apply to my case are: (Indicate "none" if there are no special circumstances).

NONE

CONFIDENTIAL: This information has been disclosed to you from records where confidentiality is protected by State Law (ORS 179.505) and Federal Law (45CFR, Part 164). You are prohibited from making further disclosure without specific written consent of the persons or as otherwise permitted by law.

File Original: Informed Consent
 Yellow: Medical Record Services
 Pink: Patient or Legal Guardian
 Thin: One Year
 Form # OSH-STK 04351- MR - 5- 03/2004
 MR # 65-14-0024-12

ADDRESSOGRAPH

Giffen, Todd
70380
417

I certify that the information on this form was explained to the patient.

I certify that I made at least two conscientious attempts to obtain informed consent (on 5/8/07 Date) and 5/9/07 Date) and that the patient did did not X have the ability to give informed consent (agreement to or refusal of the significant procedure, as the case may be). If deemed unable to give informed consent, describe statements and behavior of patient.

Does not think he has a mental illness. Began
laughing at me as I described risks &
benefits of medication.

If the patient refused medication because of concern about side effects or on religious grounds and the patient was evaluated as unable to give informed consent, explain below.

5/9/07
Date

[Signature]
Physician's Signature

I have carefully read and understand the foregoing and hereby consent do not consent to treatment with this medication.

Date

Patient

Time

Consenting Authority

Relationship

CONFIDENTIAL: This information has been disclosed to you from records where confidentiality is protected by State Law (ORS 179.505) and Federal Law (45CFR, Part 164). You are prohibited from making further disclosure without specific written consent of the persons or as otherwise permitted by law.

ADDRESSOGRAPH

G. H. Hen, Todd

703 820

414

File Original: Informed Consent
Yellow: Medical Record Services
Pink: Patient or Legal Guardian
Thin: One Year
Form # OSH-STK 04351- MR - 5- 03/2004
MR # 65-14-0024-12

**OREGON STATE HOSPITAL
INFORMED CONSENT:**

Report of Consultation of Independent Examining Physician or
Review of Disposition Board of Determination Whether Good
Cause Exists to Administer a Significant Procedure to a Person
Committed to the Division

Independent Examining Physician: George R. Suckow MD

Todd Giffen

1. Patient or resident: _____
2. Proposed significant procedure – include nature of procedure; if medication, include name of drug.

Cleartil up to 900 mg / day – Valium to 40 mg / day –
lithium 600 mg B.I.D. / Uceprocte 750 mg B.I.D. –
lanotrigine 200 mg / day – Aclon 8 mg / day
zofen 200 mg / day – bromocriptine 15 mg / day
ambien 15 mg / day

3. I reviewed the chart and the form on Consent for Treatment: Yes ☒ No ☐
4. Patient examination conducted and results. This should include relevant history, mental status, diagnosis, and target symptoms for which the significant procedure is proposed.

22 yr old white male adm to OSH by CCC under

PSRB on 11-22-05 – NO-E to ~~unsub~~ use FA

increasing harassment. Pt states he has a lot

of "symptoms" of illness but won't admit to illness.

Denies that Dr talked to him re medications

says he laughed at him because he has retarded

ideas". Denies he has "highs" and says Dr Skach

CONFIDENTIAL: This information has been disclosed to you from records where confidentiality is protected by State Law (ORS 179.505) and Federal Law (42CFR, Part 2). You are prohibited from making further disclosure without specific written consent of the persons or as otherwise permitted by law.

File: Original: Informed Consent
Yellow: Medical Record Services
Pink: Patient or Legal Guardian
Blue: Independent Examining Physician
Thin: One Year
Form # OSH-STK04371-MR3-9/2002
MR # 65-14-25-12

ADDRESSOGRAPH

Giffen, Todd
070380

41A

OREGON STATE HOSPITAL

Informed Consent: Consultation/Disposition Board

4. (Continuation - Patient examination conducted and results):

tried to give him a variety of diagnosis prior to
 Dr Fritz. Says he has never responded to
 medication (ambien buspar etc) might
 have to admit (was in it when young) is on
 lamotrigine - poor ^{response} on lithium / haloperidol (E side effect).
 Says did better on antidepressants (after X R).
 which helped. Denies ~~is~~ bipolar but says does
 have depression / anxiety / . Clear, coherent,
 Says felt better on W & D. Since xfw have ⁽⁴¹⁾
 doesn't feel as stable. Wants go back on effexor.
 Admits to some symptoms of ADHD as child. Was
 "daydreaming" have recently. Says mother and all his
 siblings have "moodier symptoms" like ADHD & have had
 psych treat.
 dx 1) 311.0 depression 2) ADHD 3) B₀ 30683 Benzoin

CONFIDENTIAL: This information has been disclosed to you from records
 where confidentiality is protected by State Law (ORS 179.505) and Federal Law
 (42CFR, Part 2). You are prohibited from making further disclosure without
 specific written consent of the persons or as otherwise permitted by law.

File: Original: Informed Consent
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 Blue: Independent Examining Physician
 Thin: One Year
 Form # OSH-STK04371-MR3-9/2002
 MR # 65-14-25-12

ADDRESSOGRAPH

Gi ffen, Todd
 070380
 41 A

OREGON STATE HOSPITAL

Informed Consent: Consultation/Disposition Board

5. Matters discussed with patient or resident:

Medications

Treatments

Real history

6. Reasons stated by patient or resident for giving, refusing, withholding, or withdrawing consent:

Doesn't want medicines that don't help.

Willing to take medicine that helps. Describes risks and benefits. Says he has difficulty communicating with people re his needs, their expectations

7. Alternatives to the proposed significant procedure explored with patient or resident, and patient's or resident's position regarding the alternatives:

No treatment will aggravate his symptoms.

Proposed treatment will help alleviate the target symptoms in least intrusive manner

CONFIDENTIAL: This information has been disclosed to you from records where confidentiality is protected by State Law (ORS 179.505) and Federal Law (42CFR, Part 2). You are prohibited from making further disclosure without specific written consent of the persons or as otherwise permitted by law.

File: Original: Informed Consent
Yellow: Medical Record Services
Pink: Patient or Legal Guardian
Blue: Independent Examining Physician
Thin: One Year
Form # OSH-STK04371-MR3-9/2002
MR # 65-14-25-12

ADDRESSOGRAPH

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070380
41A

OREGON STATE HOSPITAL

Informed Consent: Consultation/Disposition Board

8. Additional information considered and sources of that information:

Ward Chart

Ward Staff

9. Reason why the proposed significant procedure will ☒/will not ☐ restore or prevent deterioration of the physical or mental health of the patient or resident, alleviate extreme suffering, or save or extend the life of the patient or resident. Include target symptoms regarding treatment as these respond to the significant procedure.

The proposed medications will help alleviate
the target symptoms of

unstable moods

anxiety

paranoia

} he agrees to
symptoms
as a condition

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ADDRESSOGRAPH

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OREGON STATE HOSPITAL

Informed Consent: Consultation/Disposition Board

10. Reason why alternatives to the significant procedure are are not ☒ the most appropriate treatment for the patient's or resident's condition. These include psychotherapy; milieu, social, activity, behavior therapies; and no treatment.

He has a mental disorder that will not respond to verbal or behavioral therapy alone.

11. Conscientious efforts were made on 5-8-07 and 5-9-07 /were not made _____ by the primary physician to obtain informed consent of the patient or resident to the proposed significant procedure based on my review of the informed Consent for Treatment form (agreement to or refusal of the significant procedure, as the case may be).
12. Statements or behavior of patient or resident which demonstrate that the patient or resident is currently able to comprehend or evaluate the information given to the patient or resident to obtain informed consent and the dates of such statements or behavior.

Pt is able to discuss needs / wishes / benefits.

Doesn't deny illness (symptoms) but does question his

diagnosis. Should be treated with meds to which

he consents. His trust issues.

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Department of Human Services

OREGON STATE HOSPITAL

Informed Consent: Consultation/Disposition Board

13. If the patient refused medication because of concern about side effects or on religious grounds and the patient was evaluated as unable to give informed consent, explain below:

No such refusal

14. I approve ☒ disapprove _____ administration of the proposed significant procedure for the following reasons:

Treatment is appropriate if he consents

I have received and read the Administrative Rule regarding informed consent (OAR 309-114-000 through OAR 309-114-025), am familiar with its provisions, and have participated in a training program regarding its meaning and application.

Date *5-13-07*

Physician *[Signature]*

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MR # 65-14-25-12

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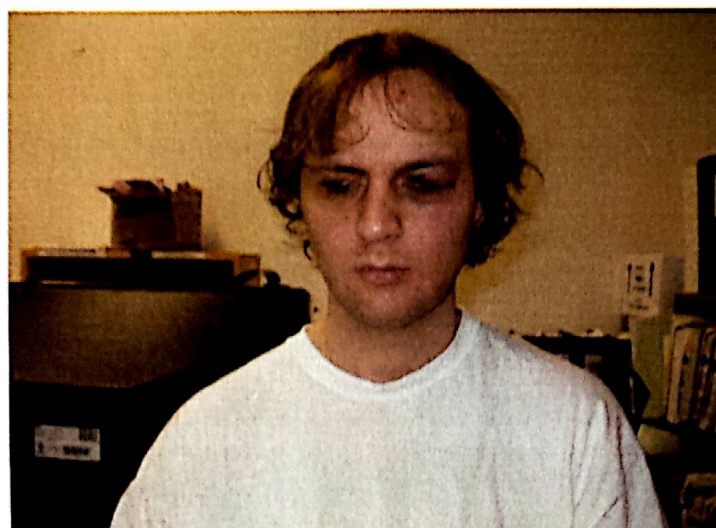
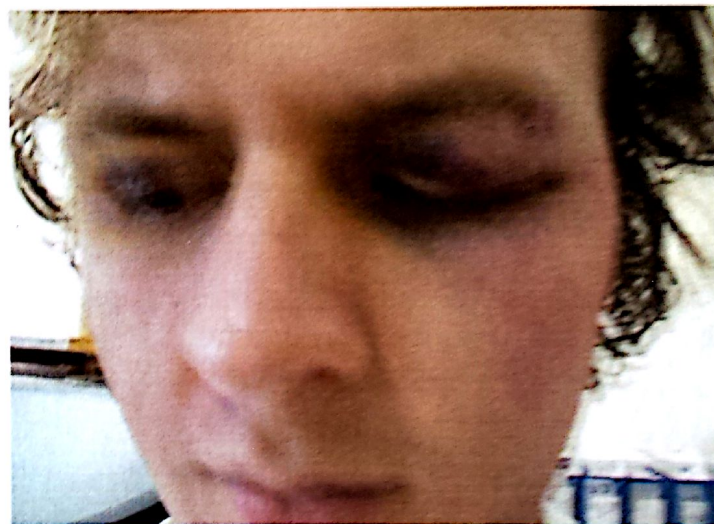
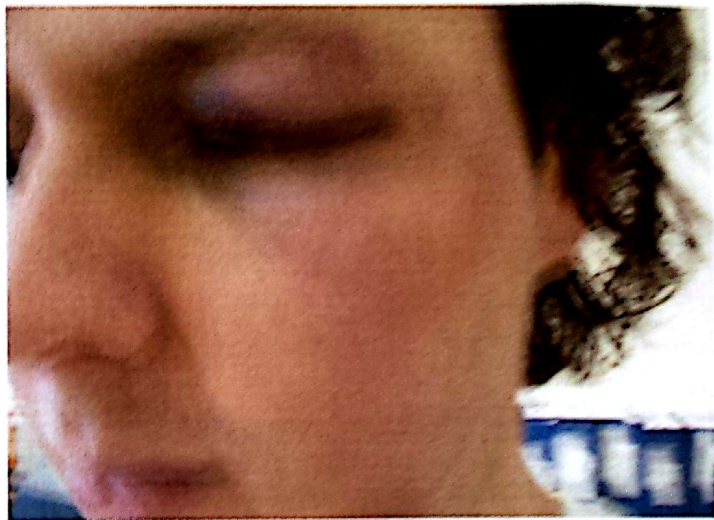


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TODD GIFFEN
Photos taken by OSH Security 07/08/08





OSH08027 Todd Giffen photos



OSH08027 Todd Giffen photos

The latest on Gavin Long: Shooter is at least third ‘targeted individual’ to commit mass shooting

HIGHLIGHTS

Police say Gavin Long, of Kansas City, ‘ambushed police’ when he killed three officers Sunday, injuring three more

Long contacted an organization that serves as support group for so-called “targeted individuals”

Autopsies for the officers were scheduled for Monday morning, Long’s will be Tuesday



Kansas City connected to high-profile shooting in Baton Rouge 1:49



1 of 4



THE KANSAS CITY STAR

Updated at 4:35 p.m.

A picture is emerging of Gavin Long’s involvement with so-called “targeted individuals.”

In April 2015, Long contacted a California organization that serves as a support group for people who believe military or government officials are electronically tracking and harassing them. The harassment can vary from mild to severe, with some of the worst cases allegedly involving the use of secret weapons to inflict pain, according to victims, who call themselves “targeted individuals.”

Long asked to be put on the organization’s “buddy list” while living in West Africa. But a month later, he deactivated his account without explanation, according to the organization, People Against Covert Torture & Surveillance International, also known as PACTS International.

Long is at least the third “targeted individual” to become a mass shooter in recent years, said Derrick Robinson, PACTS’ executive director.

Aaron Alexis, a 34-year-old civilian contractor, killed a dozen people at the Washington Navy Yard in September 2013 before police killed him. Two weeks earlier, Robinson had exchanged emails with Alexis, who thanked PACTS for finally providing answers to things happening to him.

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Baton Rouge news conference

Law enforcement officials provided an update in the investigation of three officers who were apparently killed by a Kansas City man.

Ian Cummings - icummings@kcstar.com



“In his case, he was suffering from hearing voices, from microwave burns, from stalking activity and something else. I don’t remember,” Robinson said. “He was very confused about what was going on. He wanted some answers.”

Alexis asked Robinson for addresses of other victims so that he could write to them, but Robinson said he could not give out that information.

“Two weeks later he walked into the Navy Yard and blew away 12 people,” Robinson said.

SLAIN BATON ROUGE OFFICERS ALL HAIL FROM SAME COMMUNITY

weapon at him to inflict pain.

Long had posted a video of May on his YouTube channel. That leads Robinson to believe Long patterned his shooting rampage off May, who may have patterned his Florida State shooting after Alexis and the Navy Yard.

Based on YouTube videos posted by Long, it appears Long felt the Marines were targeting him and keeping him from getting jobs, Robinson said.

KANSAS CITY POLICE OFFICERS FEELING ‘UNDER THE GUN’ FROM DOMESTIC TERRORISM AIMED AT THEM

FFCHS describes itself as a support group for people marginalized by electronic harassment campaigns, often at the hands of government or law enforcement personnel.

The group’s January newsletter included its “buddy list,” a series of regional contacts offering support for people subjected to these types of campaigns. That list had Long’s e-mail, rico717@gmail.com, as the contact for victims in Burkina Faso, a western Africa nation.

BATON ROUGE VIOLENCE MAY SIGNAL A SHIFT IN SOVEREIGN CITIZEN MOVEMENT

In November 2014, another “targeted individual,” lawyer Myron May, opened fire at the Florida State University library before police killed him. He believed government “stalkers” were firing a direct energy

Long apparently served as a contact for targeted individuals seeking help from another group, the Columbus, Ohio-based nonprofit Freedom From Covert Harassment and Surveillance.

FFCHS describes itself as a support group for people

Long listed the same email address in his divorce papers.

Gregory Mann, a Kansas City, North resident, serves as a local contact for FFCHS.

Mann told The Star on Monday that he did not know Long. He denounced Long's actions in Baton Rouge.

"His actions were wrong," Mann said. "That has happened to too many targeted individuals."

Mann described himself as a former Marine and retired budget analyst for the U.S. Army Corps of Engineers in Kansas City. Mann said he became a target of harassment after he filed a complaint about hiring practices at the federal department.

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**BATON ROUGE POLICE DETAIL
'DIABOLICAL ATTACK' BY KANSAS
CITY MAN**

"What we are dealing with is something way beyond what America is used to," Mann said.

Officials with FFCHS were not immediately available for comment.

Its website takes a conspiratorial tone.

"All U.S. Persons and Others can be used for Human Experimentations; these victim (targets) have become marginalized members of their communities and society in these United States," the FFCHS website reads. "Marginalized and abused by such U.S. Patents as; Remote Brain experimentation, Remote Neural Monitoring of an entire Humans Body; manipulated by such evil technologies as Patented Voice-to-(Human)-Skull (the forcement 24/7 of projected noise to a citizen's head) even to Remote Burns by high powered lasers, or burns by Directed Energy and more."

Updated at 2:45 p.m. from the press conference in Baton Rouge:

An FBI spokesman said that all resources are being used to investigate to determine if there were any co-conspirators and facilitators who helped Gavin Long and bring them to justice.

Authorities said Long ignored civilians in the area and focused his attention on finding and shooting police officers.

Updated at 2:40 p.m.

Col. Mike Edmonson of the Louisiana State Police said the officers were targeted and assassinated. At the press conference he showed surveillance video images of the attack.

The shooter encountered civilians but did not engage. He waited for law enforcement, Edmonson said.

Officials are confident that Gavin Long of Kansas City was the only shooter. Officials showed pictures of two assault-style rifles and a handgun he used in the shootings. Edmonson also said Long drove to Baton Rouge in a Chevrolet Malibu rented in Missouri and that he had been in Baton Rouge for “several days” before the rampage.

Edmonson gave a step-by-step account of the incident and used a map to show Long’s movements and the movements of the officers who were killed and wounded. He first shot two Baton Rouge officers.

One was killed and one was wounded. The wounded officer began crawling away, and a sheriff’s deputy was moving to help that officer when Long shot and killed the deputy.

He then turned his weapon on the wounded officer and fired two shots, killing that officer.

A Baton Rouge police SWAT team officer shot him from about 100 yards away.

Officials said they had no doubt that Long would have tried to kill more officers before he was killed.

Updated at 2:10 p.m.

At a Monday afternoon press conference, Louisiana Gov. John Bel Edwards called the fatal shooting of police officers in Baton Rouge a “diabolical attack on society” and “pure unadulterated evil.”

Col. Mike Edmonson of the Louisiana State Police said the officers were targeted and assassinated. At the press conference he showed surveillance video images of the attack.

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Updated at 1:58 p.m.

Authorities in Baton Rouge are holding a press conference at 2 p.m. Check back here for updates.

Updated at 1:44 p.m.

In April 2015, Gavin Long contacted a California organization that serves as a support group for people around the world who say military or government officials are electronically tracking and harassing them, known as “targeted individuals.”

Long asked to be put on the group’s “buddy list,” which the group did. But a month later, he deactivated his account without explanation, according to an online post Monday by the group, People Against Covert Torture & Surveillance, International.

Long's e-mail was listed as a contact for a Columbus, Ohio-based nonprofit called Freedom From Covert Harassment and Surveillance.

He used the name Cosmo Ausar Setepenra in his correspondence with FFCHS. At the time, he was in West Africa.

FFCHS describes itself as a support group for people marginalized by electronic harassment campaigns, often at the hands of government or law enforcement personnel.

In the group's January newsletter, it includes what it calls its "buddy list", a series of regional contacts offering support for those subject to these types of campaigns.

Long's e-mail, rico717@gmail.com, is listed as the contact for Burkina Faso, a western Africa nation. That same e-mail address is the one Long used in his divorce papers.

Gregory Mann, a Kansas City, North resident, appears as a local contact for FFCHS.

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"His actions were wrong," Mann said. "That has happened to too many targeted individuals."

Mann described himself as a former Marine and retired budget analyst for the U.S. Army Corps of Engineers in Kansas City. Mann said he became a target of harassment after he filed a complaint about hiring practices at the federal department.

"What we are dealing with is something way beyond what America is used to," Mann said.

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Updated at 1:10 p.m.

Federal authorities on Monday are examining evidence they collected after they executed a search warrant at a residence in the 8000 block of Campbell Avenue on Sunday in support of the ongoing investigation in Baton Rouge.

An FBI spokeswoman declined to disclose on specific items retrieved, who lived there and how the residence was connected to Long and the police shooting.

“We are still working the investigation and will take what logical steps are needed,” said Bridget Patton, spokeswoman with the FBI in Kansas City.

Updated at 1 p.m.

Gavin Long’s mother, Corine, lived in Grandview in 2000 when she got married to Carl Woodley. Residents on the street listed as the address where they lived said they didn’t know Long or his parents. They said it is a quiet, diverse neighborhood of black and white residents, many who have live there 20 years or more. The Woodleys’ former address is just a few blocks from Grandview Senior High School. Long graduated from there in 2005.

Sean Hanan, who lives across the street from the former Woodley house said his son-in-law went to school with Long but because Long was

older, “he didn’t know him.”

Hanan, who is white, said the neighborhood is home to “skilled, educated and working-class residents, and everybody gets along. It’s a

good neighborhood,” he said. “My thing is that violence is never the answer people are people.”

Updated at 12:20 p.m.

More tensions at 1166 E. 77th Terr., the last known address for Gavin Long. A reporter tweeted at 12:06 p.m., “Man just angrily kicked GMA crew off of Gavin Long family residence in KC. “Do I look like a b** to you?” he shouted.

Updated at 12:08 p.m.

Court records offer a glimpse into Gavin Long’s upbringing in Kansas City, showing a father who was absent and “unkind.”

Long’s parents are identified in public records as Herschel and Corine Long. The couple married in Kansas City on Sept. 28, 1985.

Gavin Long was their only child, born little less than two years after their marriage.

The Longs bought the home at 1166 E. 77th Terrace in 1990. About five years later, Corine Long filed for divorce.

Gavin Long was in the sole custody of his mother when the divorce was finalized in 1998. According to a judgment from that divorce, Herschel Long had “done very little to foster and maintain an affectionate relationship between himself and the child.”

The judgment described how Herschel Long frequently failed to appear for scheduled visits with his son while the divorce was pending, that he hadn’t purchased birthday or Christmas gifts for Gavin Long. It described one instance where Herschel Long picked up his son for a visit and dropped him off at day care at a casino.

“The Father’s conduct toward the child has been unkind and inexcusable and is not in the best interests of the child,” the court filing said. “Gavin very much misses his Father.”

Court records also paint a picture of financial difficulties in Long’s early life. A vehicle listed in the divorce proceedings had been repossessed. A bank account had a nominal balance. Neither parent could afford health insurance for Gavin Long.

Updated at 12:07:

Cosmo Setepenra had a Facebook page called Cosmo Global on which he advertised self-help books he had authored and called himself a nutritionist and spiritual advisor, among other things.

The page says lost over 80 pounds in six months at age 16 after teaching himself about diet and fitness.

The site says he had planned a “Celebrate Your Life Conference” in Phoenix in November and a “Cruise Into Spirit” to the Caribbean in October. The notice claimed that at least 10 of “the most spiritual leaders on the planet” would join the cruise.

Among them were a woman who claims to speak “light languages,” a woman who claims to have medical intuition, and a woman who offers advice on fashion and beauty, parenting and personal growth.

Updated at 10:55 a.m.

Tensions rose Monday morning at what is thought to be the most recent home of Gavin Long, the Kansas City man police say “ambushed” several police officers in Baton Rouge, killing three.

About a half dozen television reporters and photographers — from CNN and local stations — and a Kansas City Star photographer were at the 1166 77th Terrace home that is Long’s last known address when a young man on his cell phone came out on his front lawn. He began yelling, “You have five minutes to clear out or I start shooting.”

He did not show a gun. The news reporters cleared out. On Sunday, a man at the 77th Terrace home showed a gun to a Kansas City Star reporter when saying he would not comment.

Updated at 10:40 a.m.:

Louisiana authorities have officially identified Gavin Long, of Kansas City, as the man suspected of “ambushing” several police officers and killing three on Sunday.

Through a Facebook post, the Louisiana State Police said Long was positively identified just after midnight early Monday morning.

“It was important for us to withhold official confirmation until we had positive ID through investigative means,” the post read. “This was accomplished late last night through fingerprints.”

Autopsies on the three officers were scheduled to begin at 8 a.m. Monday. The East Baton Rouge Parish Coroner was expected to release preliminary findings later in the afternoon.

Long’s autopsy is planned for Tuesday.

Authorities on Monday said Long, a former Marine dressed in black and carrying extra ammunition set out to ambush police in Baton Rouge, authorities said Monday, a day after three law enforcement officers were killed in the attack.

The gunman’s “movements, his direction, his attention was on police officers,” state police Col. Mike Edmonson said. He would not elaborate but said the shooter was definitely “seeking out” police.

A 2005 graduate of Grandview High School, Long is from the Kansas City area. He’s thought to have traveled from Kansas City to Dallas and then Baton Rouge. Sunday was his 29th birthday.

Long was a five-year veteran of the U.S. Marine Corps who served seven months in Iraq and was discharged in August 2010 with the rank of sergeant, according to Marine Corps records.

He entered the service in August 2005 and completed boot camp in San Diego.

Long then attended infantry school and the Marine Corps Communications Electrical School.

The records show that he was data network specialist in the Marines and served in Okinawa and California.

He was deployed to Iraq from June 2008 to January 2009.

He received the following awards: Marine Corps Good Conduct Medal; Iraq Campaign Medal; Sea Service Deployment Ribbon (3rd Award); Global War on Terrorism Service Medal; National Defense Service Medal; and the Navy Unit Commendation Medal.

People from across the country have flooded social media with support for Baton Rouge police. Many call for the violence to stop.

“Prayers to all of Baton Rouge,” read one comment on the police department’s Facebook page. “Another senseless act. Innocent lives taken because of the ignorance of one.”

In Kansas City, federal authorities continue to investigate Long.

Updated at 10 a.m.:

Kansas City police arrested 39-year-old Kamerran Terrell Fryer late Sunday at 1166 E. 77th Terr. — Long’s last known address — on a municipal warrant stemming from a seat belt violation. Fryer was given a signature bond.

Kansas City police said they were unable to confirm any relationship between Fryer and the ongoing federal investigation to the police shootings in Baton Rouge.

Fryer was cited in December for speeding and paid a \$98 fine.

A spokesman for the Bureau of Alcohol, Tobacco, Firearms and Explosives said the bureau’s office in Kansas City is investigating how Long obtained the weapons used in the killings.

John Ham said the Kansas City office is coordinating the investigation with agents in Baton Rouge.

On Monday, he said it was too early to say what investigators had found.

“It’s still very much a fluid part of the investigation,” Ham said.

Updated:

Long was last known to live in Kansas City. Online, he called himself Cosmo Setepenra, and more than a week before he killed three police officers Sunday in Baton Rouge, La., he told a YouTube audience he didn’t want to be associated with organized groups in case anything happened to him.

“I’m affiliated with the spirit of justice: nothing else, nothing more, nothing less,” he said in the clip.

Cosmo Setepenra’s real name was Gavin Eugene Long, and he was from Kansas City. As the nation took in yet another horrific murderous rampage, public records, social media and recollections from former classmates paint a picture of a puzzling personality:

He was a military veteran without a criminal record. He had a robust online presence, where in “Convos with Cosmo” he doled out everything from health tips to advice to help men reach “complete and full masculinity.”

He took up anti-government views, and while he said he didn't want to be affiliated with any organized groups, he was a member of a bizarre offshoot of the sovereign citizen movement and had been associated with the Nation of Islam. He saw police as part of the government and was outraged by the recent spate of police shootings of black men.

Followers of the sovereign citizen movement believe the government is corrupt and has no jurisdiction over them. Federal authorities consider the movement a domestic terrorist threat, and the movement continues to swell, with violent incidents erupting regularly.

Long declared himself a sovereign in records filed with the Jackson County recorder of deeds last year.

"No doubt at all," said J.J. MacNab, an author who for two decades has been tracking anti-government extremists. "He's 100 percent sovereign citizen."

MacNab said Long fell into the Moorish Sovereign category, more specifically the Washitaw Nation of Mu'urs.

"This group believes that they are indigenous to the continent and therefore above all federal, state and local laws," said MacNab, who also is a fellow at George Washington University's Center for Cyber and Homeland Security. "These documents show Long's attempt to separate his flesh and blood 'indigenous' self from his legal entity self."

Long filed the document with the Jackson County recorder in May 2015, saying he was with the United Washitaw de Dugdahmoundyah Mu'ur Nation, Mid-West Washita Tribes.

The document included a "live claim birth" record in which he changed his name to Cosmo Ausar Setepenra.

A search of his online postings found that Long told a YouTube audience in a video posted July 10 — a few days after the Dallas sniper shooting — that he had traveled to Dallas and was in the city during the attack that killed five officers. He called the incident "justice."

He opined on how history shows that "100 percent of revolutions, of victims fighting their oppression, from victims fighting their bullies, 100 percent have been successful through fighting back, through bloodshed."

"Zero have been successful just over simply protesting," Long told his audience in a calm tone. "It doesn't. ... It has never worked and it never will. You got to fight back."

A day after the Dallas attacks, Long said that "it's time for the men to start sacrificing."

"With the brother killing the police, it's justice," he said. "My religion is the religion of justice. ... I was a Christian once, I was a Muslim once, I was all that. But my religion is justice."

He informed his audiences that the “sacrifices I make and the sacrifices I will make” are dedicated to black women and youth. He referred to the movie “Deacons for Defense,” based on the true story about an armed self-defense group of African-Americans who protected civil rights organizations in the U.S. during the 1960s.

“It’s a time for peace, but it’s a time for war,” he said. “And most of the times when you want peace, you gotta go to war.”

He encouraged “real” and “alpha” individuals who wanted change to move away from protests in order to invoke change.

“It’s only fighting back or money,” Long said. “That’s all they care about. Revenue and blood. Revenue and blood. Revenue and blood.”

Kansas City connections

It was unclear where Long was born or grew up, but he graduated from Grandview High School in 2005 and lived in the 4600 block of Craig Avenue in Grandview. Classmates remembered him as a big, quiet guy who was easy to get along with. He wouldn’t say a lot, but when he did, it was humorous, a friend who graduated with Long said.

The classmates who spoke to The Star asked not to be identified.

The friend remembered Long entered the U.S. Marines after high school and slimmed down. He was discharged after a few years for health reasons, and spent some time in the hospital after a physical injury.

After getting out, Long went off the grid and traveled to Africa, where he spent some time.

“While he was in Africa, he had talked about how he found Islam and he was writing a book,” the classmate said. “He had kind of — I wouldn’t call it gone off the rocker — but it was a little weird.”

Long eventually started advocating that there was some type of government conspiracy, that government was out to get people and people needed to stand up for their rights.

“He had gone full-on anti-government and anti-establishment,” a friend said. “He was definitely not a full-on radical, but he had a different take than a normal person.”

A different classmate said Long had always been a person who defended those who were mistreated.

“He was never about anything negative,” the friend said. “I would say he was man for justice but I would say he stood for what he stood for. He wasn’t scared or embarrassed to say what he believed in.”

The classmate said he was shocked that Long was identified as the gunman.

“I really can’t speak on what his motives were,” the classmate said. “I never would have thought of him doing anything that radical.”

According to military records, Long joined the military right after high school, serving as a Marine from 2005 to 2010 and rising to the rank of sergeant. He served in Iraq from June 2008 to January 2009, and records show he received several medals, including one for good conduct. Long, who received an honorable discharge, was listed as a “data network specialist.”

On his website, Long said he he spent two years in Japan and completed one tour in Iraq while serving in the Marines. When stationed in San Diego, he says, he “became a highly esteemed and sought after nutritionist and personal trainer.”

After the Marines, he attended the University of Alabama for one semester, in the spring of 2012, according to university spokesman Chris Bryant. University police had no interaction with Long during that time, Bryant said.

On his website, Long says he received an associate degree in general studies from Central Texas College, then attended Clark Atlanta University, where he was on the dean’s list.

Records show that he married Aireyona Osha Hill on July 25, 2009, at the Pilgrim Chapel on Gillham Road. Two years later, he filed for divorce. Records suggest the couple did not have children.

Roger Coleman of Pilgrim Chapel said he was one of five people who performed wedding ceremonies for Jackson County each weekend. Coleman said he performed about 10 weddings each week over a 30-year period.

“We could’ve easily done it,” he said. “I’m not aware of any memory about him or the ceremony.”

Sometimes couples were married at the chapel at the historic Pilgrim Wedding Chapel at 3801 Gillham Road either on Friday or Saturday.

A Star reporter on Sunday afternoon knocked on the door of a Kansas City home listed as Long’s last known address, at 1166 E. 77th Terrace. The reporter was met at the door by a man with a gun who declined to comment.

No one was at the home where his ex-wife last lived. Neighbors said the couple had moved out some time ago but occasionally visited the three-story brown-colored house.

Court records also show that a petition was filed against Long on March 17 for delinquent city earnings tax. The summons was served to his mother on June 1, documents show, and the case was dismissed on June 7.

Social media life

On various social media sites affiliated with his website, Long shared and promoted a brand that covered myriad subjects, from sex, health and entertainment to how men and women needed to know and stand up for their rights. He called himself a “freedom strategist, mental game coach, nutritionist, author and spiritual advisor.”

More recently, Long had been addressing officer-involved shootings, posting videos about the arrests of African-Americans.

He often referenced a spiritual awakening heightened by a trip to Africa.

After 1 1/2 years at Clark, Long’s website said, he had a “spiritual revelation,” dropped out of college, sold his two cars, gave away his belongings and went to Africa on a spiritual journey.

Several YouTube videos show him approaching people on the street distributing books on detoxing, healing and transformation that he said he wrote in Africa.

On July 12, Long posted a YouTube video of him approaching a group of men in Houston.

He tells the group he used to “party with celebrities” and sleep with women. He then offers more detail about his spiritual revelation. He said he sold all his material possessions and went to Africa, where he fasted, refrained from sex and “wrote three books.” Those books, variations of “The Cosmos Way,” are displayed on his website.

Recent tweets seemed to reference his desire to see a more powerful, unified force combat white power and “elevate” black people.

“Power doesn’t respect weakness. Power only respects Power. # Alton # Castile,” he tweeted on July 7.

He also tweeted:

“Violence is not THE answer (its a answer), but at what point do you stand up so that your people dont become the Native Americans...EXTINCT?” and “Just bc you wake up every morning doesn’t mean that you’re living. And just bc you shed your physical body doesn’t mean that you’re dead.”

The Star's Mara D. Williams, Steve Vockrodt, Tony Rizzo, Katy Bergen, Ian Cummings, Judy L. Thomas, Robert A. Cronkleton, Glenn E. Rice, Matt Campbell, Katherine Knott and Donna McGuire contributed to this report.

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Navy Yard killer eyed revenge

By [Laura Italiano](#)

October 23, 2013 | 5:03pm



Navy Yard gunman Aaron Alexis (seen at left during his deadly rampage) had complained his brain had been targeted by low-frequency waves weeks before the slaughter. Photo: ZumaPress (l) / AP (r)

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Two weeks before he slaughtered 12 people at the Washington Navy Yard, a desperate-sounding Aaron Alexis told an online “mind control” outreach group that the Navy was targeting his brain with extremely low frequency waves, according to a series of e-mails obtained exclusively by The Post.

“My name is Aaron. I am ex-navy,” Alexis begins his correspondence with the group, Freedom from Covert Harassment & Surveillance, in the first of three emails dated Sept. 1.

“I fear the constant bombardment from the ELF weapon is starting to take it’s[sic] toll on my body,” confided Alexis, an honorably discharged Navy reservist and a Department of Defense computer consultant.

Just 15 days later, on Sept. 16, Alexis used his high-security clearance to enter the yard’s Building #197, where he strafed a terrified crowd of Naval workers with his new Remington pump-action shot gun — with “My ELF Weapon!” hand-scratched into the firearm’s stock – and a handgun he picked up off a fallen guard.

He was eventually gunned down by authorities after a 30-minutes standoff.

The Alexis e-mails, sent from aalexis654@gmail.com, offer the most in-depth window yet into the twisted murderer’s panicked mind.

They also suggest that the bloody rampage was plotted as a revenge attack against the US Navy — contrary to FBI statements that the former sailor did not appear to have had a specific target.

“I have what I believe to be the locations for where they’ve been developing these weapons for decades,” Alexis tells the group’s president, Derrick Robinson, in one of the emails.

“The ELF weapons are part of the weapons systems of most of the modern vessels fielded by the Navy,” Alexis wrote.

The Navy has long acknowledged that it uses ultra low frequency signals in submarine communications; conspiracy theorists insist that the technology has also been “weaponized” by shadowy government and quasi-government groups.

“That’s what he’s alleging in his e-mails that the Navy has been conducting ELF research, and that they are using these technologies on citizens, and that he is one of the victims,” Robinson, of Upland, CA, told The Post after sharing the e-mails.

“That is the reason he did this, apparently.”

The first e-mail begins with an introduction, followed by a description of his earliest perceived ELF “attack,” from August. Police reports from that incident record Alexis telling the cops that while on Department of Defense assignment in Newport, RI, he had to change his hotel three times because he believed unseen people were talking to him via microwave signals.

“I have recently come under attack after blowing up at Norfolk airport in Virginia,” he writes.

“The first attack started coming when I was on assignment in Rhode Island. I was hearing what I though was people next door telling lies about me. In truth I didn’t know that I was under attack and thought I could escape what I was experiencing, by leaving the hotel I was in. It wasn’t until it almost cost me my job that I realized that one, I wasn’t crazy, and that two that I had to figure out what was going on.

“I am glad I found this site, however I need assistance because, I have not allowed them to scare me off my job, but I fear the constant bombardment from the ELF weapon is starting to take it’s toll on my body. I am currently in DC now near the pentagon. I think I know the specific group in the military that is responsible for developing and assisting the military with.

The first e-mail concludes,

“Any assistance you can give me and at the same time what ever info I can give you on what I know please contact me ASAP.

“Aaron Alexis”

Shortly after Robinson sent back a “Thanks for writing to us” response — telling Alexis “Feel free to join our efforts to gain freedom from the matrix,” Alexis wrote his own one-paragraph response:

“Derrick, I have what I believe to be the locations for where they’ve been developing these weapons for decades. The ELF weapons are part of the weapons systems of most of the modern vessels fielded by the Navy. I want to become part of this effort mostly for self preservation. The voices they’ve induced into my head are tiresome. However If I can figure out how to keep them from disturbing my sleep cycles I would be most interested to find out.”

Robinson responds again, offering to hook Alexis up with “a good support network in the DC area, and asks Alexis if he has access to “any of the technologies being used against us?”

In his last reply, Alexis answers,

“I don’t have direct access to the equipment, how ever I do have knowledge of where some of the attacks might be coming from. I don’t want to call you from my phone, they record everything I’ve been saying. And because I’m under the employ of the DoD I don’t want to risk getting you or my self in trouble. If you can send me info on who to get in touch with, like addresses, I think would be better.”

When Robinson then asks if Alexis would like to communicate by instant message. Alexis never responded.

Alexis’s e-mails didn’t raise any alarms, as they made no mention of violence or suicide, said Robinson and the group’s vice president, Timothy White, of The Bronx.

“He wasn’t that bad,” White said. “We have many, many people who call and they are on the verge of suicide.”

Added Robinson, “I would have tried and we all would have tried our best to talk him out of any act of violence, if we had known about his intentions.”

The FBI, meanwhile, on Wednesday stood by its previous statements that Alexis' rampage was a random act.

"The statements we've already put out regarding motive and not believing he had any specific targets — we're not changing anything there," said Lindsey Godwin, a spokeswoman for the FBI's Washington field office.

<https://web.archive.org/web/20130927001442/http://communities.washingtontimes.com/neighborhood/freedom-press-not-free/2013/sep/26/aaron-alexis-and-extremely-low-frequency-attacks-t/>

Aaron Alexis and extremely low frequency attacks: Truth or fiction?



Photo: FBI File

Thursday, September 26, 2013 - [Freedom of the Press is not Free](#) by [Alan Jones](#)

Alan Jones



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WASHINGTON, September 26, 2013 – The FBI’s Washington, D.C. Field Office [issued a statement](#) yesterday summarizing findings of the investigation into last Monday’s Washington Navy Yard shooting, dismissing as “delusional” writings discovered in Aaron Alexis’ electronic media which said “Ultra low frequency attack is what I’ve been subject to for the last 3 months, and to be perfectly honest that is what has driven me to this.”

Despite decades of documented U.S. government defense research and development into the effects of electromagnetic frequencies on human behavior, the FBI dismissed as “conspiracy theory” the concept that ELF technology has any such applications, suggesting instead that its use was limited to a now obsolete surface-to-submarine communication system.

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“ELF technology was a legitimate program for naval sub-tonal submarine communications; however, conspiracy theories exist which misinterpret its application as the weaponization of remote neural frequencies for government monitoring and manipulation of unsuspecting citizens.” – Valarie Parlave, Assistant Director, Washington, D.C. FBI Field Office

Valerie Parlave, Assistant Director of the D.C. Field Office confirmed an earlier report that the Remington 870 shotgun Alexis allegedly used was engraved with “My ELF Weapon!” ELF can refer to ‘extremely low frequency’. Parlave said that the acronym is “believed to reference these electromagnetic waves”.

Derrick Robinson, President of Freedom from Covert Harassment and Surveillance (FFCHS), a victim advocacy group which attests to be “composed of at least 2,500 educated, articulate and intelligent Americans, all of whom recite identical symptoms of satellite and land based microwave and ELF signal weapon attacks” provides Communities at WashingtonTimes.com a written response to yesterday’s FBI statement about the Aaron Alexis investigation and ELF waves.

“There is an abundance of evidence proving the existence that ELF and microwave signal technology and weapons that deliver voice-to-skull transmissions to unwitting victims is wide spread and pervasive, according to government scientific reports,” states Robinson.

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According to FFCHS, Derrick Robinson is a former U.S. Navy serviceman assigned to the National Security Agency’s linguistics communications division, who was attacked more than a decade ago for his personal lifestyle choices.

“The signals remotely tap into the central nervous system and not only deliver voice transmissions but also trigger painful body and in particular, groin shocks, involuntary muscular movements and internal burning sensations, among other terrifying conditions,” says Robinson.

Robinson is featured in a video documentary from a Toronto 740AM program called “The Conspiracy Show with Richard Syrett.

[SEE RELATED: Where is the state of the art in the global psychotronic arms race?](#)

Alexis, a Naval aviation veteran, worked on non-avionics aircraft electrical systems.

As reported last week by [Communities](#), Alexis contacted Newport, RI police while travelling on business as a naval contractor, 42 days before the Navy Yard shooting. According to the [police report](#), Alexis complained that he was being followed from hotel to hotel by several people who were keeping him awake and talking to him through the walls, floor, and ceiling using “some sort of microwave machine”.

A [1985 CNN Special Assignment](#) with military affairs specialist Chuck DeCaro investigates radio frequency weapons and electromagnetic mind control, providing insight into behavior technologies still unknown to most Americans nearly 30 years after the program aired.

The CNN special includes a faded [1964 film clip](#) from Córdoba, Spain featuring renowned Yale mind control researcher Dr. José Delgado’s famous experiment on a bull with a receiver implanted in its brain. Delgado demonstrates that he is able to halt the bull’s aggressive charge by remote control.

“Delgado, the scientist, pressed a button on a small radio transmitter in his hand, and the bull braked to a halt. Then he pressed another button on the transmitter and the bull obediently turned to the right and trotted away” wrote the [New York Times](#) in 1965.

Delgado, who died in 2011, later demonstrated similar results on monkeys before moving on to experimenting on humans.

During a 2001 [Cabinet Magazine](#) interview in with Delgado in Madrid, his wife said, “Do you remember how we thought of (Spanish Prime Minister Francisco) Franco? Imagine being able to turn off the Generalissimo”. Delgado replied “But who could have put the electrodes into the dictator? With electromagnetic radiation we could have controlled the dictator from a distance. We did some experiments at Yale where we influenced the brain from up to 30 meters away.”

The potential applications of electromagnetic energy to control the minds of political leaders and soldiers on the battlefield did not go unnoticed by the Pentagon and Moscow. Could such technology also be developed to program assassins, terrorists, and mass shooters like Aaron Alexis?

In 1975 Don R. Justesen of the Laboratories of Experimental Neuropsychology, Veterans Administration Hospital, Kansas City published “[Microwaves and Behavior](#)” in American Psychologist, disclosing that agents with the Defense Research Projects Agency (DARPA) “contacted Joseph C. Sharp, former director of research in experimental psychology at the Walter Reed Army Institute of Research, and an electronic

engineer, Mark Grove, who began to put together at Walter Reed what is now one of the best equipped laboratories in the United States for studying bio psychological effects of microwave radiations.”

“Sharp and Grove found that appropriate modulation of microwave energy can result in direct ‘wireless’ and ‘receiver less’ communication of speech...By radiating themselves with these ‘voice modulated’ microwaves, Sharp and Grove were readily able to hear, identify, and distinguish among the 9 words. The sounds heard were not unlike those emitted by persons with artificial larynxes...The capability of communicating directly with a human being by ‘receiver less radio’ has obvious potentialities both within and without the clinic.” – Don R. Justice, Department of Veterans Affairs

A webpage about “Voice to Skull” (V2K) weapons featuring a March 2000 diagram called “REMEMBER: THIS WAS DO-ABLE IN 1974!” was removed from a U.S. Army website according to a 2008 [Wired](#) report.

Research was also conducted in the early 1980s by Eldon Byrd at the Marine Corps Nonlethal Electromagnetic Weapons project, who suspects that the program “went black”, according to [U.S. News and World Report](#).

“[The Mind Has No Firewall](#)”, a 1998 white paper by Lieutenant Colonel Timothy L. Thomas (USA Ret.) published in the U.S. Army War College Quarterly [Parameters](#) opens with a chilling quote attributed to Russian army Major I. Cherished: “It is completely clear that the state which is first to create such weapons will achieve incomparable superiority.”

In 1997 Major Chernishev wrote in the military journal Orienteer that “‘psy’ weapons are under development all over the globe” the white paper reports. “‘Psycho-terrorism’ could be the next buzzword,” writes LTC Thomas. “We are on the threshold of an era in which these data processors of the human body may be manipulated or debilitated”.

CBS’s [60 Minutes](#) reported last year that a paralyzed woman is now able to move a computer cursor and a robotic arm using only her thoughts, which are decoded by computer algorithms. A wireless version of the technology is under development.

Days after the discovery of the “My ELF Weapon!” inscription on the shotgun allegedly used by Aaron Alexis, however, the FBI appears to have taken the position that none of this research or technology ever existed.

Alexis did contact police complaining of electronic harassment methods consistent with experiences FFCHS members allege to have been subjected to, more than a few for over a decade. They call themselves “targeted individuals”, or TIs.

Some of these activists are imploring Congress to open an investigation into the issue, similar to the Senate’s 1975 [Church Committee](#) hearings on illegal intelligence agency activities.

The Church hearings first brought to the American public’s attention the existence of the CIA’s Project MKULTRA covert human research program. Supreme Court Chief Justice Warren Burger stated that Project MKULTRA involved “the research and development of chemical, biological, and radiological materials capable of employment in clandestine operations to control human behavior”.

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Communities listened in on a FFCHS conference call Friday during which some of these self-identified electronic harassment victims told their stories.

A similar FFCHS victim conference call in 2007 was the subject of a Washington Post Magazine cover story called [Mind Games](#).

Cassandra Lewis, 59, lives in Baltimore, but says she lived in Washington, D.C. where she worked as a corporate legal secretary when the attacks began around 2001.

“Stalking began around 2001. Electronic harassment spring 2007” said Lewis during the conference call. “Felt like I had been caught in a trap for only a few seconds. Cold breeze followed me around house. Diagnosed as Bell’s Palsy. I think this is result of attacks. Intense itching, and I began to have thoughts of slapping people, which is not my personality. Vibrations like severe heart pounding. I do know technology has tapped into my body.” – Cassandra Lewis

[SEE RELATED: Aaron Alexis and extremely low frequency attacks: Truth or fiction?](#)

Lewis is not alone in her beliefs that she is being attacked, according to two physicians who are outspoken advocates for those claiming to have been electronically targeted.

Dr. John Hall, an anesthesiologist from San Antonio, TX who operates a pain management clinic. He is the author of “A New Breed: Satellite Terrorism in America”.

“Knowing the research that has been done to control the mind, rather than the turnkey diagnosis of Aaron Alexis as mentally ill, we should possibly be looking into some of the technologies that we know exist which others have been complaining about as well” Dr. Hall said to Communities.

Dr. Hall sees similarities across cases, including that of Alexis. “Every case is a little different, but this is done with a technical manual. When you boil it down to methodology, it’s always the same: stalking, tinnitus, hearing voices, directed energy attack.”

“People are so upset about the NSA reading emails and listening to calls, but most of us, except for mainstream media, already expected that was happening. But reading your private thoughts, do you realize the social implications to that, once that is out in the open?” continued Dr. Hall.

Dr. Terry Robertson, also an anesthesiologist and chairman of FFCHS’s medical committee, told Communities “These weapons not only affect your free will, but they mimic mental illness”.

He went on to note that the average onset age for schizophrenia is 18, while Aaron Alexis was already in his 30s. There are no reports that Alexis was suspected of schizophrenia prior to the shootings.

Without substantial documented evidence that what Aaron Alexis and other self-described TIs have experienced is actually part of an electromagnetic program, the theory is routinely debunked.

What is true, however is that statements made by the FBI in relation to such weapons are misleading at best, and that they fly in the face of decades of documented and published research into electromagnetic weapons.

<http://www.nbcnews.com/news/us-news/fsu-shooter-myron-may-left-message-i-do-not-want-n253436>

FSU Shooter Myron May Left Message: 'I Do Not Want To Die In Vain' article:

Hours before he opened fire at the Florida State University library, lawyer Myron May left a desperate voicemail for an acquaintance with this plea: "I do not want to die in vain."

The message was part of a flurry of emails, texts and phone calls in which the former prosecutor laid bare his torment: He believed government "stalkers" were harassing him and using a "direct energy weapon" to hurt him. He said that he had sent packages to 10 people that would "expose" what he thought was happening to him.

NBC News video coverage of police conference about FSU shooting.

Police have said that May, 31, a Florida State graduate, was in a paranoia-fueled "state of crisis" when he showed up to the library with a .380 semiautomatic pistol, shot three people and was then killed by cops when he would not drop the weapon.

His social media activity revealed that he believed he was a "targeted individual," the term used by people who think the government and shadowy gangs are attacking them with mind control and invisible, remote weapons.

Myron May picture: FSU shooter, one government target

Renee Pittman Mitchell, who calls herself a "targeted individual" and has a website devoted to those claims, said May reached out to her through Facebook about a week ago in anguish.

"He told me he just didn't want to go on living like this," Mitchell said. She said that after their initial conversations, she became wary of May, concerned that he might be what she called an "impostor." May continued to try to contact her and left three voicemails between 9:19 p.m. and 9:42 p.m. ET Wednesday, she said.

"I am currently being cooked in my chair. I devised a scheme where I was going to expose this once and for all and I really need you," he said in one of the messages, which was provided to NBC News and authenticated by a relative as May's voice. "I do not want to die in vain."

In an email he sent at 11:19 p.m., he wrote: "I've been getting hit with the direct energy weapon in my chest all evening. It hurts really bad right now." Police say he opened fire on campus about an hour later.

NBC News video commentary of the scene and witnesses.

It is unclear when May's mental distress began. A graduate of FSU and the Texas Tech law school, he practiced law in Texas and New Mexico, where he worked as a prosecutor for the Dona Ana district attorney's office until he abruptly quit Oct. 6.

The next night, May's ex-girlfriend called Las Cruces police to report that he had showed up at her home, rambling. She told the officer that May had been diagnosed with ADHD and was taking medication for it but had recently "developed a severe mental disorder," the police report said.

“Myron believes that the police are after him and are bugging his phone and car as well as placing cameras in his home and car,” the report said. She said he had been up without sleep for four or five days straight.

She said he had not made any threats to hurt himself or others but had been evaluated at a local hospital two weeks earlier.

The ex-girlfriend’s call was not the first time May drew police attention. On Sept. 7, he showed up at the police station to report that someone had planted a camera in his house. “He stated that he can constantly hear voices coming through the walls specifically talking about the actions he was doing,” the officer wrote in his report.

May returned to Florida, where he had lived with his grandmother as a teenager, in late October. He was staying with a family friend until last Friday, when he left and didn’t return.

In subsequent days, he made several posts on a Facebook page for “Targeted Individuals International,” including one that asked, “Has anyone here ever been encouraged by your handler to kill with a promise of freedom?”

Myron May's Facebook question

An email he sent Mitchell hours before the library shootings outlined 10 packages he had sent to her and other friends around the country, with photos of certified mail receipts and tracking information. Mitchell said she had not yet received the package, but had been told it contained videos and writing on a thumb drive.

In one of the text messages, he said he was sending return receipts for the packages to Mitchell “because I anticipate that I’ll be gone at that point.”

Renee Pittman Mitchell
39342 Chantilly Lane
Palmdale, CA 93551

VIA CERTIFIED MAIL, RETURN RECEIPT REQUESTED

November 17, 2014

Dear Ms. Mitchell and Other Addressees:

The purpose of this letter is three-fold. First, I would like to make a sincere plea to you not to let my personal story die. Enclosed within this letter, you will find a USB flash drive containing a personal testimony from me about the financial, emotional, and psychological pain that I have endured over the course of the past few months since I discovered that I was a “targeted individual.” I have literally been forced to endure a living hell. There are thousands of targeted individuals within the United States that literally suffer each and every day at the hands of our government. Personally, I have experienced significant harassment from law enforcement in every place that I have been these past few months.

Second, over the coming days and weeks, you will hear numerous people try to label me as a person with mental health issues. If you simply google “targeted individual,” “gang stalking,” “Freedom From Covert Harassment and Surveillance,” or “Dr. Robert Duncan,”¹ you will see that what I have experienced, albeit not widely known, is very real. In addition, you can find various videos on youtube by searching under these exact same search terms. Our government is able to capitalize on this lack of knowledge among the general population to curb sentiments towards questioning the mental health of targeted individuals rather than admitting the truth—that there is a system of covert torture of ordinary, innocent citizens that is happening within our own borders. **I have not told a single person exactly what I intend to do—and only you eight people know that I intend to do anything at all**—but my goal is to garner some much-needed media attention to the plight of targeted individuals because we are a marginalized group with few financial assets. Coincidentally, that means we get ignored.

Third, enclosed within, you will also find a sample letter to congress. Please encourage as many people as you can to send a copy of this letter to congress. My hope is that if enough people take a genuine concern into the struggles of targeted individuals, then congress will have to do something to stop it once and for all—not like the false machinations of stopping it that took place in the 1970s with COINTELPRO.

I apologize for putting this responsibility on you guys, but you are people that I know and trust. I am confident that Ms. Mitchell will not allow my story to die. I sincerely hope that you will (1) keep an electronic copy of my story for yourself, (2) provide a copy for distribution to media outlets, (3) make sure that Ms. Mitchell gets a copy [although I am sending her a copy, I fear that it may be intercepted], and (4) see to it that if my story is removed from the internet—youtube, vimeo, etc.—it will be promptly re-uploaded. I know that I am asking for a lot, but please assist me with this.

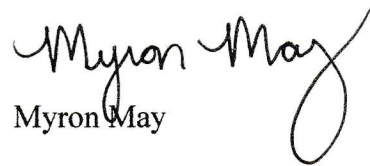
¹Project: Soul Catcher: Secrets of Cyber and Cybernetic Warfare Revealed by Dr. Robert Duncan.

Lastly, please whisper a prayer for my soul. I am still a believer, and I honestly feel that there is no hope for me. Consequently, I am making a sacrifice so that others in my same position might have a chance at a normal, harassment-free life. I realize that my methods are not the best selection—and probably will not be perceived as the selection of a Christ-follower—but I have prayed incessantly for months to no avail. There are targeted individuals that have endured this torture for decades without any relief, and what targeted individuals need more than anything is media attention.

OTHER TARGETED INDIVIDUALS

1. Randy Quaid
2. Melinda Fee
3. Stephen Shellen
4. Gloria Naylor
5. Kola Boof
6. Jill Anjuli Hansen
7. Matt Barasch
8. Ted Gunderson (former Senior FBI agent/whistleblower)
9. Jiverly Wong
10. Aaron Alexis

Your brother in Christ,


Myron May

cc:

- a) Derrick Robinson
PO Box 251
Upland, CA 91785-0251
- b) Christopher Chestnut
303 Peachtree Street, Ste. 4150
Atlanta, GA 30308
- c) Aaron Watson
Levin Papantonio Law Firm
316 S. Baylen Street, Ste. 600
Pensacola, FL 32502
- d) Juan P. Chisholm
PO Box 1965
Orlando, FL 32802
- e) Chris V. Rey
PO Box 1139
Spring Lake, NC 28390

- f) Marc Bozeman
9950 Westpark Drive, Ste. 320
Houston, TX 77063
- g) Titiana Frausto
3408 Portland Avenue
Amarillo, TX 79118
- h) Rosanne Schneider
9705 Mill Station Road
Sebastopol, CA 95472
- i) Joe Paul
6100 Lincolnia Road, Suite 305
Alexandria, VA 22312

Date

The Honorable _____

Office Address

United States House of Representatives/United State Senate

City, State, Zip

Dear Representative/Senator _____:

After hearing about the story of Targeted Individual Myron May and other targeted individuals, I have accepted the challenge to do what I can to make a difference. That's why I am urging you to pass a bill or resolution to begin an investigation into the targeting of United States citizens for the types of harassment outlined in my letter below:

Although not widely known by the public, targeted individuals endure a scheme of conduct designed to drive them over the edge mentally, physically, and emotionally. This scheme is referred to among the targeted individual community as "gang stalking." Gang Stalking is a systemic form of control, which seeks to control every aspect of a Targeted Individuals life. Gang stalking takes place outside in the community. It's called gang stalking because the target is followed around and placed under surveillance.

Gang Stalking Goals

The goals of gang stalking are to (a) silence an individual, (b) drive a victim insane and possibly to the point of suicide, and (c) destroy the victim's reputation and believability—as the person will be viewed as mentally ill if they complain or report such abuse. Gang stalking may also be used to force an individual to move or leave an area.

Motivations for Gang Stalking

The motivations for gang stalking vary widely. Three of the most common are as follows:

- Being a corporate or government whistle blower (particularly if you are exposing conduct that is unbecoming of law enforcement);
- Revenge for getting away with a criminal offense;
- Knowing too much about gang stalking itself—because you become a threat to exposure

Who Are The Stalkers?

For the most part, stalkers are everyday citizens that are usually acting under some type of guise (e.g., that they are doing something positive for the community; a false accusation that the targeted individual is under investigation for a crime). Other stalkers, however, are simply paid to harass a targeted individual. Sadly, many of these gang stalkers are involved in law enforcement.

Examples of Gang Stalking Harassment

Here are some of the stalking activities that targeted individuals have to endure: slashed tires, threatening phone calls, hangup calls, verbal assaults by strangers, property damage, death threats, peeping toms, being followed on foot and by vehicle, and character assassination among family, friends, neighbors, and coworkers.

Tactics Used by Stalkers

Anchoring

A technique employed by stalkers to persuade the targeted individual that a particular group is responsible for the abuse—neighbors, racial-ethnic group, etc. The goal is to trick the targeted individual into thinking an innocent bystander is the culprit of their harassment and compel the targeted individual into verbally or physically assaulting that person.

Brighting

Brighting involves the practice of repetitive flashing of a car's high beam headlights at a targeted individual. The targeted individual is flashed an inordinate amount of times from either a tailgating, passing, or oncoming vehicle. Brighting also occurs when bright lights are flashed into a targeted individual's home windows.

Electronic Harassment

Electronic harassment is the use of technological devices to spy on or cause harm to targeted individuals (e.g., exposure to high electromagnetic fields, microwave radiation, etc.). A frequent form of harassment involves beaming a low frequency tone into a targeted individual's area, which over time causes sleep deprivation, agitation, and stress. A great deal of this research is highlighted in a book written by the pioneer of electronic harassment, Dr. Robert Duncan, which is entitled "Project Soul Catcher: Secrets of Cyber and Cybernetic Warfare Revealed." Other prominent individuals in the field include Dr. Nick Begiche, Dr. John Hall, and Dr. Terry Andersen. In addition to electronic harassment, stalkers utilize nanofibers to track targeted individuals.

Ghosting

Ghosting refers to the practice of rearranging or moving a targeted individual's personal belongings to make the targeted individual question his/her sanity (e.g., moving home furniture, lawn decorations, desk decorations, etc.).

Mimicry

Mimicry is a specialized form of harassment in which the stalkers imitate every movement made by the victim.

Mobbing

Mobbing is a term that describes intense group bullying. Several stalkers descend upon a targets area in the same time period. In these instances, gang stalkers are not as discrete because they want to make their presence known to the targeted individual.

Noise Campaign

A noise campaign is an orchestrated effort to produce stress in a targeted individual by prolonged exposure to noise (e.g., neighbors playing loud music, cars passing at rapid paces, vehicle horns blowing, technological devices to induce dogs to bark, etc.).

Sensitization

Sensitization is a psychological term referring to the forced association between a stimuli and a corresponding reaction. For example, if a targeted individual is frequently harassed by people wearing blue baseball caps or sunglasses, over time, the targeted individual will believe that anyone wearing a blue baseball cap or sunglasses is a stalker coming to harass them.

Gas-Lighting

Gas lighting refers to presentation of false information for the purpose of making victims doubt their own memory, perception, and sanity.

Hacking

Hacking generally refers to the downloading of viruses and malware as well as gaining remote access to a targeted individual's electronic devices. After gaining such access, stalkers are able to delete files, modify files, and contemporaneously interfere with a target while he or she is working.

It is my hope that you will accept the challenge as I have. Again, I strongly urge you to consider passing a bill or resolution to conduct an investigation into the harassment outlined in my letter above. Thank you for your consideration.

Sincerely,

Name

Title

Address

City, State, Zip

Phone Number

MY EXPERIENCES AS A TARGETED INDIVIDUAL

My deepest regret is that I did not make a more diligent effort of documenting my experiences as a targeted individual along the way; however, this document is my feeble attempt at recounting my experiences thus far. First off, to anyone that may read this document, take a brief moment to pray for my soul. What I am about to do I have deep regret for; however, I feel that my options are extremely limited. Because I am a targeted individual, everything has been taken away from me. I have literally been robbed of life through psychological, financial, and emotional hardship.

I first realized that I was a target while I was working as an Assistant District Attorney for the Third Judicial District Attorney's Office in Dona County, New Mexico. I tried going to the police about my situation. On or about September 7, 2014, I went to the Las Cruces Police Department to make a report of my experiences. The interior of the LCPD office was locked, but there was a phone in the vestibule, which dispatch answered. I informed dispatch that I wanted to make a police report, and they sent an officer out to my location. I believe the officer's name was Kenneth Davis (Caucasian male that appeared to be in his 20s). The officer took notes of my experience; however, no police report was ever made. Nevertheless, there should be a record of my phone call with Dispatch. That morning, I got invited to the gun range by my girlfriend's friend's husband, Robert Kitcey (rkitcey@gmail.com). When I met up with him later that morning at Starbucks, I informed him and another guy that was with him of the police report that I had just made. If you need to get in contact with Robert, you can contact my ex-girlfriend, Danielle Nixon [(732) 774-1076]. I don't remember the other guy's name, but he is an engineer from Michigan (Caucasian male in his late 40s or early 50s), and his wife's name is Betty (Kenyan woman who appears to be in her early 40s, with a bald haircut).

My apartment was broken into, and my phone was tampered with. I started being followed by various individuals in unmarked cars. And on one occasion, I was followed by an individual in an LCPD sport utility vehicle cruiser. Through electronic harassment, these individuals convinced me that I was guilty of a crime. As a result, I attempted to turn myself in at the Dona Ana County Detention Center on three separate occasions. I was literally escorted to the jail by about ten cars; however, no one went inside the jail with me. Each time I attempted to turn myself in, the cars waited in the parking lot (watching me go inside the jail). But the jail informed me that they had no paperwork for me. Then, each time I left the jail after being turned away, the cars that escorted me into the jail were gone.

I continued to be followed. I informed my girlfriend, Danielle Nixon, who resides in Las Cruces [(732) 774-1076], and my friend, Kirton, who also resides in Las Cruces [(408) 771-8986], of these instances. Because I was an over-achiever in my position, I frequently worked late. When I was in the office alone after hours, I would consistently see individuals peeking around corners at me. As a result of this harassment, I eventually resigned from my Assistant District Attorney position and traveled to Houston, Texas to get my old job back. I met with my old boss, Alfonso Kennard, on the evening of Friday, October 10, 2014, to discuss rejoining his law firm, Kennard Law, P.C. as an Associate. On that evening, Kennard offered me my old job back at a base salary of \$50,000 per year plus 20% commissions on all settlements or judgment obtained on my cases.

After we had reached terms on that agreement, Kennard called his driver, Randy [stout, Caucasian male who appeared to be in his late 40s], to take us to another place because we had been drinking and should not have been driving. Before Randy arrived, Randy's friend Edwin arrived. It was unclear to me how Edwin could have possibly known who we were, but he approached Kennard and I at the bar and claimed that he was there to meet with Randy. When Randy arrived, we had one last drink. As we were leaving, I went to my car to retrieve my ID and wallet. I returned to find Randy and Edwin whispering to Kennard. When I returned, everyone acted very unusual toward me; it was not the same jovial conversation that had preceded this occurrence. Then, we loaded up into Randy's SUV to go to the next location. As we were driving to the next location, Kennard leaned over and asked me, "if I wanted to take a bump"—suggesting that if I wanted to take a bump of cocaine Randy or Edwin could get it for me. I vehemently assured Kennard that I did not want to take a bump. Nor had I ever taken a bump.

On Saturday, Kennard would not respond to my phone calls or text messages, which was strange because for the two days prior to that he had been very responsive. Kennard's distance did not arise until after his private discussion with Randy and Edwin. As a result of this strange behavior, I informed Kennard via text message that I may have to depose him in a lawsuit. Thereafter, Kennard called me to arrange another meeting. According to Kennard, he wanted me to discuss my re-joining the firm with his partner, Terrance Robinson. We arranged a meeting for that Monday, October 14, 2014. On Monday, we met at the A-loft, which is located at 5415 Westheimer Road next to Kennard's law office. While there, we had drinks. Kennard and Robinson had two drinks, and I had one drink. Then, we went across the street to The West End Bar &

Grille, which is located at 5320 Westheimer Road to have a meal. Shortly after we arrived, Randy showed up and suggested that we go to another restaurant down the street. Because Kennard agreed to pick up the dinner tab, I agreed to go. At the restaurant, Kennard kept insisting that I join him outside to discuss matters with him. He again brought up the conversation about me taking a bump of cocaine, and I again insisted to him that I have never taken cocaine.

After dinner, Randy dropped me off at my car, which was parked near The West End. The following day, I attempted to call Kennard, but my phone number was blocked. I attempted to call Kennard a couple of times after that, but my phone number was still blocked. While I do not have last names for Randy, the driver, or Edwin, I am certain that whatever was said in that whisper cost me my job. This situation was all a part of an elaborate scheme to put me in financial jeopardy, thereby making me more amenable to harassment and less able to fight the issue. Upset and jobless, I returned to Las Cruces to continued harassment and being followed.

On the morning when I was leaving Houston, my tire was punctured and flattened while in the driveway at 7735 Valera Lane (residence of Monica Johnson), where I was staying. When I returned to Las Cruces, I had to take my tire to On Sale Tires to have it repaired. There should be a record of that repair with On Sale Tires. Further, after returning to Las Cruces, I was subjected to a constant noise campaign designed to induce sleep deprivation in me. My neighbors played loud music, screamed, and people frequently made noise right outside my windows. Not only did this happen at night time, but this happened during the day as well. Maintenance staff, which almost never worked outside my window previously, worked and made noise right outside my window everyday.

In addition through electronic harassment, my life was constantly threatened. Fearing for my life, I decided to pack my things and move back home to Wewahitchka, FL. As I was loading my Uhaul to pack my things on October 21, 2014, my life continued to be threatened through electronic harassment. Additionally, as I was loading my Uhaul, there was a middle-aged man parked in the arroyo across the fence from my apartment complex (Quail Ridge Apartments – 251 North Roadrunner Parkway). He was driving a gray Dodge Durango 4 x 4 with a camper shell that had a Colorado License Plate, 285 YPI. This man got out of the driver-side of his truck, removed a blanket from the camper shell, and unsheathed a firearm from the blanket. Then, the most frightening thing happened. The man pointed this firearm at me, as I stood inside the trailer portion of the Uhaul truck. I jumped off the truck, ran towards my apartment, and called 911. There should be a record of this call with dispatch.

While officers were en route to my location, the man wrapped the firearm back in the blanket and put it in the right side of the camper shell. Five officers responded to the scene of Quail Ridge. These officers were acting very aggressively towards me as though I was the assailant and not the complainant-victim. Unfortunately, I was only able to get four of the officers' names: Officer Shadd; Officer Frank Gomez; Lieutenant W.C. Jackson; and Officer Guerra (who aggressively refused to give me his first name but whose badge number was L650). Officers claimed that they searched the mysterious man, but I watched this alleged search with my own eyes. They never searched his person. Nor did they even go to the right side of the vehicle, where I saw this man place the gun. They merely peeked inside the driver-side of the pickup truck, which should hardly be characterized as a search.

After talking with the man a little while longer, they came over to me and claimed that the man did not have a gun and that they had conducted a thorough search of his person and the vehicle. They continued to speak to me very aggressively and insisted that this man had driven from Colorado to Las Cruces, New Mexico to survey the land that he was on. The land that he was on is located directly behind Golden Mesa Las Cruces Independent Senior Living Community. If a survey of that property was requested, there should be documentation somewhere. I am certain that if you search, you won't find any such documentation. It does not even make sense that someone would travel all the way from Colorado to conduct such a survey, especially in light of the fact that you have to be licensed in New Mexico to conduct surveys. While it's certainly possible that this man could have been licensed in New Mexico, it is unlikely that Golden Mesa or the surface owners of the property behind Golden Mesa would not have simply hired a New Mexico-licensed surveyor. This experience, particularly the aggressive behavior of the officers, convinced me that law enforcement was very much involved in my harassment.

I am not sure what information was given to the leasing office at my apartment complex, but shortly after this incident, I received a letter on my door informing me that it was a notice to vacate my apartment. There should be a record of this notice and/or any interactions with law enforcement in the Quail Ridge leasing office. The harassment did not stop on this day with that incident. My life continued to be threatened via electronic harassment. I was literally threatened to leave Las Cruces immediately. As a result, I left several of my belongings in my apartment at Quail Ridge, which was

Apartment 1407. The leasing office should likewise have information regarding me leaving my belongings on both the interior and exterior of my apartment. One of the things that I left in my apartment was my old cell phone (a red Samsung Galaxy S3). I had gathered several license plate numbers in this phone, but because I was told through the electronic harassment that I would be left alone if I left Las Cruces and left my phone in the apartment, I did. I, however, had forwarded some of this license plate information to Altrus Campbell via text message and email. In addition, I gathered some license plate information in the iPhone that was issued to me by the Third Judicial District Attorney's Office. I sent a Preservation of Evidence email to John Willis, IT personnel with the Third Judicial District Attorney's Office, on October 21, 2014, in reference to preserving the information in that cell phone.

While traveling from Las Cruces, NM to Wewahitchka, FL, I was repeatedly tailgated and cut off by both patrol cars as well as regular cars. I was almost run off the road at one point in Kerr County, TX. Further, while I was in Kerr County, Texas, I was pulled over and officers searched my vehicle for no reason whatsoever. I did not give officers any consent to search my vehicle. Nor did they show me a warrant. They made me get out of the vehicle. They handcuffed me, and I stood in the heat with no shoes on for approximately three hours. Several officers were present, including Chief Deputy Clay Barton and Deputy Eli Garcia. There were about six more officers, but unfortunately due to the aggressiveness and hostility that the officers showed me, I was not able to get the others' information. Nevertheless, there should be Kerr County dispatch reports of the other officers that were involved. The officers held me there while a K-9 unit arrived from another county. My belongings were packed in plastic bins, and they literally opened every single plastic bin and searched it on the false claim that the K-9 had alerted to something inside the truck. The dog seemed more interested in the toy that the dog's handler was holding than anything in my Uhaul, and of course, they never found any narcotics.

I took a rest break in Houston, Texas on my way to Florida. I stopped at the residence of Monica Johnson again. While there, the noise campaign continued. In fact, they recruited the Johnson family to participate in my harassment. Marciel (pronounced Marshall) is typically a quiet and reserved person, but he was continuously speaking very loudly and screaming throughout the evening. I was sleeping on the couch in the living room. While he was in his bedroom downstairs, he had his bedroom television blaring. I believe that they were recruited to participate in my harassment based on a threat of Marshall going to jail for possession of marijuana. At about 3:00 am that morning, while I was sleeping, Monica came out of the room screaming about her daughter, Britney's car being repossessed. While it's certainly plausible that Britney's car, a red SUV, could have been repossessed, Monica went on and on about the repossession—slamming doors, dropping things, and yelling at the top of her lungs. Eventually, realizing that I was not going to get any sleep in that house, I got up and continued my journey to Florida.

Of course, the electronic and other harassment continued for the duration of my trip. I was continuously cut off and tailgated in traffic the entire way. I eventually made it to Florida. When I got to Wewahitchka, Florida (and since I have been in Florida), the harassment has continued, mainly through electronic (*Voice of God* – see *Dr. Robert Duncan*) harassment. This harassment has been very debilitating and impactful. They have recruited other individuals to participate in harassing me, including Buddy Parker (older, Caucasian male that is married to Ann Parker), Clifford Jones (son of Louise Jones), Roy Myers (who is my cousin and the brother of Michael Myers and Melody Williams), and Demetrious (not sure what his last name is, but he is the brother of Warren Bowers). There have been others that have been sent out to stalk me as well. Unfortunately, I don't know these other individuals' names. On one occasion, about two weeks ago, I was in Rich's IGA standing in front of a three-foot, front-facing section of Little Debbie snack cakes. Two gentlemen came into the store and walked directly over to me. One of the gentlemen stood inordinately close to me, very much in my personal space. When I turned to my right toward the direction of that man, the other man came up on my left, bumped me really hard and aggressively, and began a conversation with the man on my right. The man that bumped me did not say excuse me and stared at me as though he was challenging me to say something back. Although I don't know his name, I recognized the man on my left to be one of the Gulf County Sheriff's Office deputies.

In addition, I mailed Notice of Claim letters to the Dona Ana County Sheriff's Office, Las Cruces Police Department, New Mexico State Police, and Third Judicial District Attorney's Office on October 13, 2014. I am not sure what the status of those investigations are right now. But that event seemed to have been a catalyst for my electronic harassment being ratcheted up to the point of unbearable.

Over time, I have been collecting individuals' license plates that have been following me. As previously stated, some of these have already been transferred to Altrus Campbell via text message to [(762) 436-6519] and email. The only person that I can personally identify that was stalking me in Las Cruces, NM is Elaine Lara, who resides at 535 North Santa Fe Street. On November 14, 2014, I got hit with a directed energy weapon. It is difficult to explain exactly what this feels

like. I was also stalked by a senior-level, law enforcement officer in the Dona Ana County Sheriff's Office. Unfortunately, I cannot remember his name. He is a Hispanic male that appears to be in his late 40s or early 50s, and I know that he has a teenage son that plays football. In one discussion that we had, he stated that he worked between two candidates for sheriff on the organization chart, Captain Buckingham and Kent Yalkut. His name is either Paul Nevarez or Greg Garland. I can't remember. As I previously stated, I wish that I had done a better job at keeping records of the harassment that I have endured, but this is the best that I have.

SOME OF THE LICENSE PLATES**

1. TX – 070 HFC ~ older model White Trans Am
2. TX – CWK 458 ~ Chevy Suburban
3. TX – 065 SST ~ Red Honda Sedan
4. TX – CKW 6831 ~ Blue Ford Escape
5. Temporary Tag – 06W7473 White Santa Fe
6. FL – CTR R17 ~ Chevy (followed me into a gas station just outside of Fort Stockton, TX)
7. Mexico License Plate – SSA-76-07 White Dodge Journey (followed me into post office in San Antonio)
8. TX – CTV 5823 ~ White Toyota Tundra (followed me in San Antonio)
9. TX – CZP 168 ~ Dodge Charger (followed me in San Antonio)
10. TX – CDK 1595 ~ White Chevrolet Silverado (followed me in San Antonio)
11. TX – CDK 3889 ~ Silver Jeep
12. CO – 285 YPI ~ Dodge Durango
13. TX – 92X VS9
14. TX – TCC 908
15. AZ – BHE 6652
16. NM – 697 RCM
17. NM – 678 RYW
18. NM – 012 SRY
19. NM – 659 PKZ
20. NM – 259 RWH
21. TN – H74 805
22. TX – AV3 9993 ~ Black Chevy Silverado
23. *DWK 4756 ~ Red Toyota Yaris
24. *BS9 H881 ~ Older White Honda Accord
25. *BB2 W802 ~ Newer White Honda Accord
26. *BX2 M315 ~ Silver Chevy Malibu
27. *DX8 100 ~ White BMW

*I did not get a state for the license plates with an asterisk beside them in Nos. 23-27, and it has been too long since I wrote them down to remember what state they were from. But I believe that they are either New Mexico or Texas license plates.

*The lady in the “20141015_133953.jpg” file followed me into the post office as I was filing the notice of claims.

*This lady in the “20141015_140529.jpg” file that worked in the post office was approached by a man that did not come into the post office for any service. The man whispered something to her. Then, when I was being waited on, she was acting very strange. I was at the post office to send my notices of claims to the Las Cruces law enforcement entities. I was mailing the Notice of Claim that was addressed to Mark D'Antonio “restricted” mail so that he would have to sign for it. She covered up the restricted portion on the envelope. I asked her why she covered it. After I asked her that, she looked at me very surprised and swore that it was a mistake. Then she stamped restricted on the front of the envelope. But when the postage paid label printed, she covered the restricted stamp up, so I had to ask her again about covering up the “restricted” portion. And she stamped it again. In the midst of this craziness, I decided to take her photograph.

**ADDITIONAL text messages can be retrieved via AT&T [(303) 895-4414] or from Altrus Campbell.

OTHER TARGETED INDIVIDUALS

1. Randy Quaid

2. Melinda Fee
3. Stephen Shellen
4. Gloria Naylor
5. Kola Boof
6. Jill Anjuli Hansen
7. Matt Barasch
8. Ted Gunderson (former Senior FBI agent/whistleblower)
9. Jiverly Wong
10. Aaron Alexis

**Although I fear that they may modify or delete information in my email and/or change the passwords, here is my email information:

- myronmay@hotmail.com
littler00
- myronmay@yahoo.com
littler00
- comm.you.nick.8@gmail.com
littler00

**My facebook account login information is as follows:

- myronmay@yahoo.com
littler00

**I believe that I removed the lock code on my phone; however, if for some reason there is still a lock code on my phone, the lock code is 8438.

NOTES FOR MY PERSONAL STORY AS A TARGETED INDIVIDUAL – PART 1

I. Reason for the Video

- A. Heavy heart that I make this video
- B. Victim of **covert harassment** through **electronic harassment** and **gang stalking**
- C. Thousands of people in the United States are victims—known as targeted individuals
 - i. Google or YouTube targeted individuals and gang stalking and you'll find several victims that tell stories similar to the one you'll hear today

II. Gang Stalking Goals Generally

- A. The goal of gang stalking is to literally make a targeted individual **destitute and drive them insane**
- B. They employ various tactics to accomplish this goal
 - i. People will **follow you around in public places**—shopping, on your way to work, as sick as the may sound, I've even had people follow me into church functions
 - ii. They employ isolation tactics.
 - a) Convince your family, friends, neighbors, and coworkers through **payment, lies** (such as falsely accusing you of committing a crime) that they should keep an eye on you, and **blackmail** for people that actually are doing something wrong—that's right they actually employ criminals to help in your harassment
 - To the targeted individual that has not yet discovered they are a targeted individual, this experience is very troubling because you just notice that people are watching you and don't know why
 - There's a saying that "people will do anything for money," and if they are doing it based on a lie, then they think they're doing something positive rather than participating in debilitating a person
 - b) Eventually, due to the targeted individual's own fear and apprehension from these experiences and the lies told to the targeted individual's acquaintances, the targeted individual finds himself alone

III. Gang Stalking Methods

A. Anchoring

- i. Try to convince the targeted individual that a **particular person or group** is doing the gang stalking—neighbors, coworkers, etc.
 - a) For me, control panel stalkers **tried to convince me that my neighbors** were actually the ones stalking me, and they were very successful at this for about two months. Because I could hear someone describing what I was doing inside my apartment, I literally thought my neighbor above me had somehow installed a video camera in my home
 - This was, of course, **before I knew I was a targeted individual or what a targeted individual was**

B. Brighting

- i. This method can be one of the most irritating of all. When you are driving at night, you will encounter several cars that turn their bright lights on you when they are tailgating, in oncoming traffic, or passing you.
 - a) Now, of course, it is natural that you will encounter a vehicle now and again where the person has forgotten to click their brights off or is missing a headlight and using their brights to hide that fact, but with brighting, this **will happen about ten times in one trip** in the vehicle
- ii. Another brighting technique is when they **flash brights into the windows of your home**. Individuals will frequently pull into your driveway or near your apartment window, shining their lights directly into your home.
 - a) Again, one can expect this to happen every once in awhile by happenstance, but when brighting is being employed, it will **happen several times in one night**

C. Noise Campaign

- i. This can be just as irritating as brighting. Basically, the targeted individual is subjected to a constant bout of noise to **keep them on edge**, and more importantly, **prevent them from sleeping**. A lack of sleep, as we all know, makes a person **edgy, agitated, and full of stress**
 - a) **Loud music** by neighbors
 - b) **Cars passing by** at rapid paces and blowing their **car horns**
 - c) Neighbors **screaming and talking loudly** near your home
 - Again, others are convinced to do this based on payment, blackmail, and lies that you have done something wrong or that you're crazy
 - d) Craziest tactic involved in a noise campaign is utilization of **machine-generated sounds** (e.g., dog barks, chickens calling, duck calls, etc.)
 - ii. My personal experience with a noise campaign is what made me realize that I was a targeted individual. I traveled to Houston, TX to get away from Las Cruces for awhile because I literally was starting to question my own sanity. While I was in Houston, I was staying at my friend, **Kimberly Snagg's mom's home**.
 - a) **Every ten minutes a car came flying down this residential street** making all sorts of noise and about **every 30 minutes a horn was blowing**. Having been at this house several times and knowing that only old people lived in the neighborhood, I knew that this was unusual.
 - b) What was even more puzzling was that I started hearing the "**cock-a-doodle-doo**" of a rooster coming from one of the houses in the back. It was the exact same cock-a-doodle-doo **without any variation** to it; it was happening at **4pm in the afternoon**; and it **continued literally for hours** on end.
 - iii. It was this experience that made me realize that maybe there was more to my being followed than I had previously imagined
 - iv. Some of my other experiences with a noise campaign
 - a) I was staying at my friend, **Monica Johnson's home**. And I am certain that they convinced the Johnson family to participate. While I hate to spill the beans on family, Monica's husband, **Marshall, smokes marijuana**. I am convinced that they **blackmailed** them into participating in my harassment. This of course was not the first time that I had visited them. But on this occasion, everyone was being extremely noisy, and **at about 3am**, Monica came into the living room, where I was sleeping on the couch, yelling about her daughter, **Brittany's, car being repossessed**. Also, there were **three TVs** on in the house at **full blast** throughout the night.
 - b) In Las Cruces, my **neighbors constantly made noise**—I went a **1.5 years with no such noise**, then all of a sudden it was nonstop.
 - c) **One night in particular**, the neighbor above me was playing his music extremely loud, so I put **ear plugs** in. Moments after I put earplugs in, from the neighbor's apartment next to me—the headboard of my bed literally sits on her wall—I started hearing **extremely loud sex sounds**. Again, I have lived in this apartment for **1.5 years without any such noises**, but on this night, it was extremely loud.
- D. Ghosting
- i. I didn't experience ghosting, but this technique involves **rearranging a targeted individual's things**—furniture while they're gone, taking clothes out of their belongings at the laundry mat, moving lawn decoration, and stuff like that
 - a) **Paranoia; question own sanity**
- E. Mimicry
- i. This involves a stalker encountering the targeted individual, and the **stalker literally mimics every movement the target makes**.
 - a) I only **experienced this once** when I was at the gas station in Wewa. He comes out from behind the pump and starts waiving. This particular stalker was **wearing dark shades and staring directly at me to make his presence known**. I started **washing my windows**. When I was washing the front, he was washing his front and looking directly at me. When I moved to a side window, he moved to a side window and was looking directly at me. It was very irritating and frustrating
- F. Sensitization
- i. This refers to an **association of a particular stimuli with harassment**. If the target encounters stalkers wearing blue baseball caps, for example, the target will start to associate their harassment to people wearing blue baseball caps.
 - a) The sensitization technique that was used on me was **dark sunglasses**. The goal was to make me believe that everyone wearing dark sunglasses was out to harass me. While I definitely knew that was not the case, I still **found myself looking curiously at people wearing dark sunglasses**.
- G. Mobbing
- i. This refers to a stalking technique in which the target encounters **several individuals stalking them at once**. This typically happens when the target starts to realize that something more is going on or is in a frustrated state. It is

designed to scare the target.

- a) This particular technique has happened to me on **numerous occasions**. Because I have a pretty **low anger threshold**, typically, when I have gotten upset about my experiences, that is when I experience mobbing. If I'm driving or in a store when I'm upset, **several individuals** come into my personal space at once or **several cars** (10 or so) will pass by all at once (**coupled with my stimuli of dark sunglasses**) with individuals wearing dark sunglasses and **looking directly at me** rather than watching the road.

H. Hacking

- i. This refers to **downloading of viruses and malware** on the targets phone and computer. This is used **both as a defense and for stalking**.
 - a) My Experiences With Hacking
 - When I **first realized there was more going on** with my experiences than meets the eye, viruses and malware were downloaded onto my computer, which enabled them to have **remote access** to my computer. I would literally be working on my computer, and the **mouse would start moving on its own and clicking on things**.
 - One night, I was **trying to purchase a book by Renee Pittman Mitchell from Amazon** on my phone one night, and the **browser on my phone kept closing** on its own. My phone, of course, had **never done this before**.
 - When I first moved to Wewa, I got a job at **Taunton Family Children's Home**. During my first day on the job, my **work computer was compromised, and the mouse was moving on its own**. I was working on a **family law case** for a mother, whose kid was taken from her by the father, and they took control of my computer and **attempted to delete the family law document** that I had just finished to try and get the mother's child back.
 - After the family law document was almost deleted, I was **able to get the necessary anti-virus software to combat the hacking**.

I. Electronic Harassment (Sci-Fi Made Real);

- i. This technology is the **most creepy and frightening** weapon in the stalkers' arsenal.
- ii. This technology is detailed in **Dr. Robert Duncan's book, Project Soul Catcher: Secrets of Cyber and Cybernetic Warfare Revealed**
- iii. **Linchpin of the whole gang stalking program**
- iv. Nanofibers

- a) Through nanotechnology and chemtrails, the control panel stalkers are able to **monitor and induce all sorts of things in a target**.
 - **Bodily functions, pain receptors, and stress hormones**
 - Through this technology, a target's **heart rate** can be sped up
 - **Direct energy weapons**

b) My Personal Story

- This technology has been the most troubling for me in dealing with the experience of being a target. I have been **induced to have what I thought were panic attacks on two separate occasions** because my heart rate was moving so rapidly. It was a very scary experience. This, of course, happened to me **before I realized that I was a targeted individual**.
- I have experienced the **directed energy weapons on two occasions**, which is one of the most **frightening** things a person could ever encounter. I would not wish this on my **worse enemy**. In the drop of a dime, your body heats up intensely to an extremely high temperature. I literally felt a hot, tingling sensation all over my body and immediately broke out into a sweat. It made me dizzy and disoriented, and I had to stop everything that I was doing.

v. **Psychotronic Weapons: Voice of God & Image Induction Weapons (Sci Fi Made Real)**

- a) This technology is discussed in **Dr. Duncan's book**. You may also find videos about it on **youtube** by searching for "Dr. Robert Duncan" or "Project Soul Catcher."
- b) This technology sounds absolutely crazy, BUT IT IS REAL! Through the use of **microwave radio frequency radiation**, control panel stalkers are able to literally **induce sound, including voice, into a targets cochlea** so that they hear voices. This technology is the **linchpin** of the entire gang stalking program:

- To the targeted individual that does **not realize they are target or that this technology exists**, they start to believe that they are having a **schizophrenic or psychotic** episode. And if they **try to explain to someone else** that they are hearing voices, then that person will, of course, reach the same conclusion.
 - In essence, the person either thinks they are crazy or other people think the person is crazy. This **works in favor of the program always remaining a secret** because any target that attempts to speak out about this will instantly be **discredited as schizophrenic**. This also **further isolates** the target from acquaintances, friends, and loved ones. **BUT PLEASE REVIEW DR. DUNCAN'S TECHNOLOGY BEFORE YOU WRITE THIS OFF AS UNBELIEVABLE OR CRAZY!!!**
- c) With the image induction technology, which is based on the same bio-technological research as Voice of God Weapons, control panel stalkers are able to **induce images into a target's mind** (which is typically done while the target is **sleeping**). In addition, control panel stalkers are **able to see any images originating from the target's mind**—both **actual images** (what the target is actually looking at) and **fictional images** (images that the target is thinking about from memory or imagination)

IV. Effectiveness of Voice of God Weapons for the Overall Stalking Program

- A. Just as control panel stalkers can induce sound into a target's ear, control panel stalkers **can induce sound into a street-level stalker's ear**. In this way, control panel stalkers are able to easily **alert street-level stalkers** of the presence of a target and give them **direction as to how to interact** with the target without the target ever knowing. The **target is left in a perplexed state**, wondering how the street-level stalkers even know who they are.
- B. **Fortunately, I was able to figure this out**. Unfortunately, many targets have not and probably never will, which only further exacerbates the psychological stress that they endure.

NOTES FOR MY PERSONAL STORY AS A TARGETED INDIVIDUAL – PART 2

- I. Prayer
 - A. Repent and ask for forgiveness
 - B. Please take a moment to pray for my soul and the souls of all of those impacted by gang stalking
 - C. Pray for all targeted individuals around the world
 - D. Pray this video and my actions will hopefully help all targeted individuals
 - E. Ask forgiveness from all families hurt by my actions

- II. Goodbyes
 - A. Mom
 - B. Grandma
 - C. Sister
 - D. Brother
 - E. Nieces and Nephews
 - F. Mama Campbell
 - G. Airborne, Ranger, and Stacey
 - H. Keith Jones
 - I. Osei Boakye
 - J. Marsett Solomon
 - K. Ebony Casarez & **Aaliya Williams**
 - L. Althea Mills
 - M. Maria Gonzales Prieto
 - N. Danielle Nixon
 - O. Milea
 - P. Mu Epsilon Chapter of PBS (line brothers, Brian and Chauncey)
 - Q. Mr. David and Ms. Abby Taunton

Part 3

- III. Explanation of Why
 - A. Difficult decision (back against the wall)
 - i. Didn't choose to be in this evil program
 - ii. Robbed of living a fulfilling, normal life
 - a) Wife and kids
 - b) Great career
 - c) Normal legacy
 - iii. Goal is to expose it and help other targeted individuals capitalize on the media exposure that this may cause
 - B. Doing this for targeted individuals to have a chance at a normal life
 - C. Doing this so that **no one else will** have to worry about being **unwillingly** put into this evil, ungodly program
- IV. Message to elected officials
 - A. Challenge you to seriously consider
 - B. Challenge you to seriously research
 - C. Challenge you to do an investigation
 - D. Challenge you to pass legislation
 - E. Challenge you to fight 100% for every American citizen to have the chance at a normal life free of torture and harassment
- V. Message to the Media
 - A. Challenge you to research and investigate this issue
 - B. Challenge you to do a thorough investigation before you draw conclusions based solely on an individual's mental health
 - C. Challenge you to not substitute tag lines and lazy journalism for doing real work
 - D. Challenge you to re-visit this issue every year on the anniversary of this day
- VI. To Those That Participated in my Stalking
 - A. Monica and Marshall Johnson, Elaine Lara, Buddy Parker, Roy Myers, Clifford Jones, Demetrius (brother of Warren Bowers)

- i. You may not have realized that you were being manipulated to participate in an evil, ungodly program.
 - a) If you didn't know, I understand and forgive you
 - b) If you knew, I hope that God has mercy on your soul b/c you are just as responsible for the harm that I suffered and countless Targeted Individuals suffer on a daily basis
 - I know this may sound like a cop out, but you're at least indirectly responsible for the events that are about to take place

B. Challenge you to have the courage to come forward despite threats, offers of money, or fear of becoming the next target

C. Veronica Avilar – Probation officer that lived across from me in my apartment complex; I don't believe you participated in my stalking, but I'm curious to know, what if anything, was said to you about me. I hope that someone will question you about that

I forgot to mention Alfonso Kennard, Alfonso Kennard's driver, Randy, and Randy's friend, Edwin, as people

VII. To Deputy Jamar Cotton *that participated in my harassment.*

A. I know you're an officer and becoming a mason, both of which have a significant influence in harassing targeted individuals and gang stalking

B. I think you are a great person. Promise me that you won't get involved in this evil, ungodly program

VIII. Dr. Robert Duncan

A. The scientist responsible for this biotechnology that is used to torture individuals worldwide.

B. I encourage you to read Dr. Robert Duncan's book called Project Soul Catcher: Secrets of Cyber and Cybernetic Warfare Revealed

IX. Other prominent people in Gang Stalking and Within the Targeted Individual Community

A. Ted Gunderson (former senior FBI agent that became a targeted individual after exposing information about this technology)

B. Dr. John Hall (voice for targeted individuals and against gang stalking)

C. Dr. Terry Andersen (voice for targeted individuals and against gang stalking)

D. Renee Pittman Mitchell (targeted individual that has written several books on her experience as a targeted individual)

E. Deborah Tavares (voice for targeted individuals)

F. Derrick Robinson (targeted individual and prominent voice for targeted individuals)

X. Freedom from Covert Harassment and Surveillance

A. Organization dedicated to assisting targeted individuals and fighting to eradicate this evil, ungodly program

XI. Message to Targeted Individuals

A. I feel your pain. I know that you are hurting mentally, physically, emotionally, and financially.

B. I admire you for having the strength and courage to keep fighting to have a normal life despite this evil, ungodly program that you are being subjected to

i. In a way, I'm sad because you have more strength and courage than me

C. Don't let any of the death in this incident be in vain

D. If there is any media exposure, make sure that you capitalize on it.

i. This is your opportunity to tell your story.

ii. This is your opportunity to come out of the shadows.

iii. This is your opportunity to not be ignored for a change

iv. This is your opportunity to not be written off as schizophrenic or psychotic

v. Please capitalize on it

E. Band together and don't go at it alone. There is strength in numbers

i. Their mission is to isolate; divide and conquer

ii. They try to pit us against each other with the promise that you'll get treated more favorably; don't bow down to the devil and fight against your own people

F. I am praying for you. Please pray for my soul because I don't want to spend my eternity in hell as a result of being put into an evil, ungodly program that I had no say-so in whether or not I'd be a test-subject in

G. I sent out a sample letter to Congress to some of my friends along with this story. Please get your hands on that letter and send it in to the House Representative for your district and to the 2 US Senators for your state. Also, please send it to your state and local officials as well.

i. Again, this is your opportunity to be heard. Don't miss it.

H. Please don't let my story die with me. Post it and re-post it every day if you can. And encourage other people

to post my story too.

XII. Apology to Anyone Hurt by My Actions

- A. I know that you probably don't want to hear anything that I have to say
- B. I know that you probably don't care what I have to say
- C. I know that you probably hope that I burn in hell
- D. Nevertheless, I want to ask you to forgive me. I hope that at some point, you will be able to find it in your heart to forgive me.
- E. I don't expect you to understand. But please forgive me.
- F. I know you probably think that I am crazy or mentally ill, but I'm not. I'm perfectly sane. Unfortunately, in my carnal mind, this was the best way I could come up with to fight

XIII. Message to Everyone

- A. The ultimate tragedy is not the oppression and cruelty by the bad people but the silence over that by the good people. ~ Martin Luther King, Jr.
 - i. I don't expect that there will be much silence over the lives that were lost, AND THERE SHOULDN'T BE ANY SILENCE
 - ii. I don't expect that there will be much silence over the people that were injured, AND THERE SHOULDN'T BE ANY SILENCE
 - iii. I don't expect that there will be much silence about the emotional pain that people have experienced and will likely continue to experience for a long time, AND THERE SHOULDN'T BE ANY SILENCE
 - iv. My only hope is that there will no longer be silence over the oppression and cruelty that targeted individuals experience every single day.
 - a) Please don't be silent about the psychological pain
 - b) Please don't be silent about the physical pain
 - c) Please don't be silent about the emotional pain
 - d) Please don't be silent about the isolation, loneliness, and depression

XIV. Challenge

- A. I'm sure that some of you will call me crazy, schizophrenic, and psychotic, and you are entitled to your opinions, even though they are wrong
- B. But I want to challenge you to not jump to a mental health conclusion
- C. I want to challenge you to not make a conclusion out of ignorance, without any facts
- D. I want to challenge you to think outside the box
- E. I want to challenge you to ask questions
- F. I want to challenge you to be a skeptic
- G. I want to challenge you to allow your humanity and curiosity supersede your ignorance
- H. There hope is that people's natural interest in self and laziness will prevent them from looking into these matters, so I challenge you to put down your own selfishness for a brief moment and at least consider the possibility
- I. If you do that, you will help thousands of innocent, American citizens just like you have a chance at a normal life.
 - i. After all the loss that has happened, it is at least worth accepting that challenge

XV. Message to God

- A. Father forgive me for what I'm about to do and forgive me for all of my sins
- B. I prayed so hard for months, and the more I prayed, the worse things got.
- C. I'm sorry that my faith was so weak.
- D. Romans 8:38-39 says, "I am convinced that neither death nor life, neither angels nor demons, neither the present nor the future, nor any powers, neither height nor depth, nor anything else in all creation, will be able to separate us from the love of God that is in Christ Jesus our Lord."
- E. And Romans 8:1 says, "there is no condemnation for those who are in Christ Jesus."
- F. I sincerely hope that these two scriptures hold true for me and my soul. God, I don't want to be separated from you, and I don't want to be condemned for anything that I have done, am doing, or am about to do.
- G. Jesus, I believe that you are the son of god, and that you dies for as a ransom for my sins that I might have salvation. Please forgive me for all my sins. I love you and want to spend my eternity with you. Amen.

Hi, names Todd Giffen. I'm a victim of military surveillance / electronic warfare (phased array antenna/femtosecond lasers deployed in space and over the horizon radar). I'm having my body irradiated and tortured as well by the same system. They also call the techniques interferometry. I've had murder attempts by the United States done against me with the system. My neuropsychologist Dr. Purna C Datta UC Irvine Professor, California Youth Authority manager, and senior managing psychologist at California state hospitals a war crimes expert, and 6 other mental health including Dr. Seth Farber PhD and Misty Getrich PsyD and medical practitioners have backed me up with no psychosis or delusion and TBI from the weapon. I have a lawyer named Jed Peterson JD who has stated this is a violation of the law, specifically the 4th and 8th amendment, and due process-his brief is on my website obamasweapon.com with my psych evals. A type of surveillance that is through wall magnetic resonance imaging/electron spin resonance and radar (including Robert Malech's 1974 DOD patented invention, apparatus and method for remotely reading and altering brainwaves) is used to watch, listen, track and target people which is deployed nationwide and works in every city and state-SCOTUS said this type of through wall radar/imaging tech violates the 4th amendment in *Kyllo v. United States* but the military is using it anyway without warrants. As they can track your physical location, they can lock on to it and irradiate / imping you with signals specifically, not effecting any unintended targets. Local cops and officials are given access. Citizens report their bodies and brains are locked onto, irradiated, stimulated, and agents sometimes stalk and harass them in counter surveillance on the streets. Officials are refusing to help despite everyone knowing it's happening. NSA whistleblowers William Binney and Russ Tice back this up, the military surveillance grid including satellites/space capability are being misused to target and harass citizens without warrants; see videos of their testimony on williambinney.com and russelltice.com. William Binney former technical director at NSA, even did an interview with Dr. Robert Duncan which is on the site. William Binney says it's being used for population control. My home town of Eugene Oregon was irradiated with this same technology between 1976-1978, which the FCC, Oregon Governor Bob Straub, and Senator Mark Hatfield confirmed, by the US Navy base in Alameda CA and the signal was psychoactive and caused numerous health effects (that's 500 mile range radiofrequency weapons tech)-Register-Guard and Oregonian articles on my website to read-It made national headlines back in the day. The below document was authored by Dr. Robert Duncan AB, SM, MBA, PhD and he worked on the system for the CIA, DOD, Navy, NASA, US DOJ, etc. His Harvard degree and full work history for the government is on drrobertduncan.com with radio interviews confirming citizens are being irradiated and tortured. He authored the below document describing the high tech methods of torture the system is being used for. On the website drrobertduncan.com you will find emails where he confirms I'm a target of ruthless people and software, being tortured by having my body irradiated and impinged with signals intelligence. I need help. I cannot shut them down.

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The Executive Summary: Neuropsychological and Electronic No-Touch Torture Report

Based on "The Torture Memos" and the Senate Intelligence Committee's Declassified "Torture Report"

By Robert Duncan, A.B., S.M., M.B.A., Ph.D.

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Torture is a horrific topic and most minds will turn away from it because it can't be comprehended that humans can be motivated, or computer programs can be run to do this to other sentient beings. Just when we believed we were becoming more civilized as a culture, the technology for torture has advanced more than a hundred fold in recent decades.

This summary will get into 'the minds of the dishonorable monsters' of the psychology of torture. Those like Dick Cheney who helped authorize it under certain administrations and regimes of the U.S. government which have been proven to be criminal under U.S. law, treaties, and the International Criminal Court. There are many people involved in the conspiracy and cover-up including General Hayden.

The full report discloses the spectrum of techniques of interrogation and torture used by the U.S. and its allies. The United States government will officially deny the claims of this "no-touch torture report" but in time it will stand firm.

The technologies used are still classified as state secrets and will not be discussed in this summary. The torture methods have been leaked through thousands of American citizens who have survived the no-touch torture programs. The research and testimony has been accumulated since 2002 and merely used as examples but the names of the victims are withheld.

This report will not use skewed, misleading language such as "enhanced interrogation" to describe the torture techniques.

Why torture? The CIA claims it works. The assumption is that it works to gain actionable intelligence. Torture is often used for revenge, punishment, interrogation, and behavior modification. In other terms torture is used to remove the continuity of thought to confuse the target to reveal information, erase brain patterns such as values and beliefs, or to break down the human spirit to make them submit and obey their handlers.

The downside of torture is that the countries that do it lose "moral soft power" in world politics. Without due process, over 25% of those reported in the *Senate Torture Report* were declared innocent. Blowback is always a repercussion of torture. Torture often takes a long time to affect the target from months to years. Torture has shown to be unreliable except for getting false confessions and bad information but the U.S. and its allies are improving on their tactics and techniques.

The purpose of this report is to draw the parallels between physical torture techniques and no-touch torture methods used in secret by governments who possess the technologies that still go on today. This is a brief summary of offensive psychological and information warfare methods using traditional methods and modern cybernetic techniques while exploring *hyper-game theory* to walk the target to the desired path: leak intelligence, commit assassinations, or change beliefs.

Numerated Torture Methods for Interrogation and Behavior Modification

(A comparison between physical and no-touch torture tactics)

1. Induction of Depressive/Manic states

The idea is to shake up the emotional states of the target because different information can be accessed at each state. Making the target feel despair and helplessness is the objective. This cycle of hope building and then breaking is done in many ways. The techniques between the physical methods and the no-touch technological methods are similar. Speech is very

important during this process of emotional manipulation. Such examples are, “We have imprisoned you without due processes or hope of it. You are indefinitely detained.” Hope building examples include, “Sorry. We have mistaken you for someone else. You will be compensated for false imprisonment and torture.” The main difference between the cybernetic technology and physical is that emotional state clusters can be entrained into the target mind which speeds up the process. The communication is done differently but perceived as human speech. In the no-touch torture methods it is helpful if the target is labeled with mental illness that is being created for discrediting purposes so as not to draw human rights groups’ attention.

2. Memory Erasure

The military and CIA have been researching memory erasing drugs for half a century. The focus of this summary report is on interrogation. Memory erasure is an important technique during interrogation. It is used in combination with sleep deprivation. There are many drugs that have been developed for physical memory erasure. One such interrogation method requires acquiring information from the target while on these drugs and recording the subject. After a sleeping cycle, the interrogator claims that the target has confessed. Of course the target remembers nothing of their conversation. The interrogator will play samples of the subject’s conversation back to them making the subject believe that the interrogator knows more than they do. Similar techniques are used in the wireless, no-touch torture and interrogation programs. The cybernetic methods of memory erasure have additional purposes. The memory erasure can be used on the cybernetic target to make the target believe people have broken in and moved their belongings. While physical black bag jobs do occur, it is a way to make the target more paranoid.

3. Electricity and Shocks

Pain and fear of death are common tactics during interrogation. Shocking by electricity is a traditional method of torture and exposed in the CIA’s secret prisons. Shocking the testicles and nipples are the most common due to their sensitivity. Interestingly, the thousand of interviews of no-touch torture involves “stings” and “shocks” to various parts of their bodies over long durations.

4. Fear and Terror

There are many techniques to induce extreme fear in the target. In physical renditions dogs, power drills, guns, insects, mutilation, blow torches, water boarding, suffocation, mock burials, and mock executions are just a few the United States government have used. Remember that many targets of torture die from the physical effects. It is torture to death. Let us compare the no-touch torture methods used to inflict the same terror and mental anguish. In several of these techniques the target needs to hear their handler’s voice. This report does not describe the technologies used to broadcast voices to the target at a distance. While the subject can be broadcast mental images to their mind using hypnosis and other suggestions as well as visual entrainments, the more invasive controls of the brain manipulation technologies can be used to entrained the brain’s autonomic nervous systems such as not breathing causing the target to not be able to sleep from fear of suffocation equivalent to water boarding. The neural linguistic programming can add fears such as heart attack, stroke, and cancer threats. Even motor cortex mapping can cause twitches in any part of the body. One example used a swift neck movement with a voice transmission, “We are trying to break your neck.” Directed energy effects such as Active Denial System can make the target feel that they are on fire indefinitely without the target dying from burns. Maximum pain and torture weapons have been evolving. Every drug effect can be artificially induced into the target mind including those of poisons.

5. Imprisonment and Isolation

Isolation is commonly used as punishment in prisons. Many whistleblowers like Bradley Manning suffer this condition. In soft interrogation it is used to get the target to talk to their interrogator since humans have the need for companionship. In no-touch torture the target is driven from their friends and family using different techniques in order to isolate them so that the electronic mind control has more effect on their psyche. Like in Guantanamo, the target becomes isolated losing their job and

medical care. Part of the method involves slander in their community. They end up on the most part in poverty and paranoid about doctors and other people from false correlations that are purposefully induced into their lives. Isolation is also a form of sensory deprivation which will be discussed later. Days and weeks lose their meaning.

6. Sexually Disturbing Tailored Pornography

The *Summary of the Senate Torture Report* disclosed the disgusting revelations that in the secret torture prisons the targets were forced to perform homosexual acts on each other against their will and religion in order not to be beaten or killed. This is a common break down tactic of belief systems and the human will. In no-touch torture the techniques are more psychologically specialized for each target. Most common examples include homosexual targets that are forced with voices that are derogatory to their lifestyle and similar mental images. Almost all targets are forced to view child pornography in their minds. And vice versa is true, that heterosexual targets are forced to view homosexual sexual acts like in the secret U.S. torture prisons.

7. Mutilation

Also mentioned in the declassified report on torture was mutilation of the human. Cutting the naked target's penis and scrotum, pulling nails or teeth is common. In no-touch torture mutilation is done by trickery. Let us look at a couple examples. There have been several targets who believed that the microwave hearing effect and other voice induction methods were done by microchips implanted in their teeth or ears. They had all their teeth pulled because they believed it was a technology called bone conductance. Others have poked out their ear drums in the belief they had micro implants in their ears. There are many more examples of trickery used to make the targets mutilate themselves.

8. Personal and Spiritual Defamation

In physical torture the CIA and other groups use propaganda and defamation of character for those they oppose. For detainees they try to disenfranchise the target from their religion. They will defecate on their Bible or Koran for example. They might say, "Why is your God not saving you?" In no touch torture and behavior modification they might try to make an atheist believe in god. It is just a mechanism to alter belief systems for control and experimentation. Perhaps the target may wish to confess their secrets to a "voice of god weapon". Information warfare covers the gamut of electronic communication as well. The government training exercise uses language like "befriend", "infiltrate", "mask/mimic", "ruse", "set-up", "disrupt", "create cognitive stress", "use deception", "ruin business relationships", and "post negative information on appropriate forums" - in a malicious effort to target bloggers, activists, journalists, social event organizers and anyone else deemed to be a 'emerging leader' or voice in the public sphere.

9. Psychological Intimidation

This is a topic for a target at the beginning of the trials and programs. Physical break-ins are common even if the target has an alarm system. The NSA has used stalking of foreign officials in the past for economic gain. The FBI does black bag jobs to invade a home without a warrant. The point is to let the target know they are being watched and to increase their paranoia. The NSA easily hacks all computer systems and causes harm to the victim's intellectual property and their relationships from that endpoint. In the no touch torture false correlations between pain and a neighbor coming home can be induced.

10. Rape

Rape is a common practice in torture. It causes much psychological trauma. In the United States methods of rape in their military and CIA secret prisons it is often relabeled. It is commonly done by prods but "rectal rehydration" is the more common misnomer. Often they call it forced feeding through the rectum but it is meant to induce psychological scaring and trauma.

Several have died from the technique due to rectal bleeding. In no-touch torture the psychological trauma of simulated rape takes on different forms. Using technique often called EEG-heterodyning the targets will receive molestation effects of their genitals. In men this can be the anus and genitals. Similarly women can be wirelessly raped by the analogous function of perception.

11. Dietary Manipulation, Forced Weakness and Sickness

The idea behind dietary manipulation is to weaken the target. This is easily done in a physical setting but in no-touch the hunger trigger needs to be suppressed. Sometimes a false correlation between eating food and sickness is induced to make the target believe they are being poisoned. However, poisoning is common in physical renditions too.

12. Repetition

Verbal breakdown is most important during interrogations and torture. Obviously speaking the language of the target is necessary. This is why there are interrogators in all languages. Repetition is an important neural linguistic programming interrogation tactic to influence the target mind. During the breakdown process, threats to kill and to torture the target's family or friends are common. Repetitious questioning and breakdown phrases are automated in both the physical and no-touch versions of torture. An interesting technology that is used for no-touch torture is called *chatter bots*. *Chatter bots*, an artificial intelligence program, automate much of the repetition so that the interrogators don't drive themselves crazy during the neural linguistic torture and programming phases. Let us not forget the Chinese Water Torture, a single drop of water on the forehead of the detainee for months. Repetition is a form of torture.

13. Sensitization of Pain Impulses

While the reverse can be obtained, optimizing perceived pain and misery is the objective in torture. Each trauma adds to the overall misery throughout life. Optimization of pain has been studied by the military and intelligence agencies. In the past the CIA has used drugs such as LSD to enhance fear and terror in the subject. Other methods such as hypnosis can increase perceived pain and the power of suggestion such as telling the subject his pinky finger is going to be cut off before it is done. In no-touch torture the same psychological manipulations are exerted. Subliminal and overt suggested are often told to the subject before the directed energy or EEG heterodyning pain inductions in order to maximize their effectiveness.

14. Sensory Overload and Deprivation

Again, this technique of overloading or depriving the human of sensory stimulus is ubiquitous in torture around the world not just in U.S. secret prisons. Torture subjects in the United States have reported the use of repetitive bad music and noise campaigns. An unusual torture technique used in the U.S. secret prisons was of a use of a plastic suit filled with ice while they beat the target. Ultra bright lights for days on end in the prison and hot/cold temperature changes in the environment are frequent. In no-touch torture, the target's brain is forced to release dopamine which causes pupil dilatation. This acts as a sensory overload. For example the non-lethal microwave weapons research done by a professor in University of Nevada has shown this capability. Body metabolism can be altered with these weapons causing cold and hot flashes. Targets of no-touch torture often hear endless tinnitus.

15. Sexual Humiliation and Lack of Privacy

Often used in common prisons is a lack of privacy. It is both necessity for security and a form of sexual humiliation. Also in prison many people are raped. No-touch torture offers the same sexual humiliation and lack of privacy by using through wall radar, cameras, and EEG visual cloning to let the target know they are being watched. Degrading comments are often used on the no-touch torture subjects while they are naked or in the bathroom.

16. Maximum Sensory Pain Techniques

Basic torture involves brutalization, i.e. physical strikes, kicks in the groin, pepper spray or tear gas, etc. Anything that involves maximum pain is the objective. Amazingly, these same basic tortures can be done wirelessly into the human mind. All forms of sickness have been reported without any real illness behind the suffering. All suffering can be entrained into the minds of no-touch torture subjects.

17. Sleep Deprivation

This is the number one torture method along with the popularity in the press of water boarding. This is done in every country that uses torture. The United States is number one in torture since they are currently the world's only superpower. A repetitive sleep deprivation cycle is generally done 180 hrs/7.5 days at a time in the physical renditions, or in no-touch torture five days awake and two days of sleep. Sleep deprivation accomplishes the objective of memory loss during interrogation and induces hallucinations which help with the interrogation process. In behavior modification and programming it is necessary too.

18. Stress Positions

Keeping detainees handcuffed above their head and to walls so that they must stand for days is a common ploy in torture. These types of poses are called stress positions. They can be mimicked in no-touch torture. An example of one such trick requires the target to believe they can deflect radar energy using pots or pans and that it is directional. The target is being given an ample amount of pain until their hands and arms are spread apart holding the pans trying to block the signals. They must maintain that position in order to get any relief from the torture signals. However the stress position itself is physical torture. Often accompanying this technique are voices saying to the target, "You are doing it to yourself."

We will finish off this summary of U.S. and its allies' torture, interrogation, and behavior modification experimentation with ideas of why they are done to the general public and falsely accused detainees. Anyone can be put into these programs. Justice and rule of law does not exist at the highest levels of government. Treaties are worthless because the #1 agreement in the rules of war, a ban against torture, is not obeyed. This creates a more brutal and barbaric society lead by example.

No-touch torture uses the same interrogation tactics as physical interrogations but with some new twists. Techniques such as "Jeff and Mutt" a.k.a. "Good Cop Bad Cop" are used. The bad cop tortures the target and the good cop tries to gain their trust. In mind control, trust games are commonly employed to manipulate the beliefs of the target. Creating hatred of groups through false correlations and deception is a common CIA method of trickery.

In the CIA programs, the target is put through these phases as written in the documentation, "Disorient and confuse the target. Use them for our purposes, and then dispose of them in any way possible." We can only surmise by our sample set of a thousand people what "dispose" means: prison, suicide, or perhaps a mental hospital. Coercing and torturing people to suicide is very common. Both tactics in physical or no-touch torture involves plausible deniability.

The no-touch interrogations are better than physical rendition techniques for exposing support networks. Traditional NSA tracking of email and phones calls are useful but if the targets are taken into a secret prison they can't contact their networks. In no-touch torture, the target will contact everyone who might help them. Then those relationships can be destroyed to isolate the target. All these techniques rely on the target having a fear of death and pain.

Deception is very important during interrogation. In physical interrogations the targets are often drugged. This creates the confusion necessary to pull off certain trickery. In terrorist interrogations, for example, the CIA uses fake newspapers to make the target believe whatever event they were suspected of plotting had already happened, obviously looking for a

confession. Sometimes the government in charge of the torture is looking for a political gain through a false confession. None-the-less false flag operations are commonly used in both forms of torture and interrogation. The trick is to make the target believe another foreign country is doing it to them. In no-touch torture the trick is to make them believe someone related to them is behind their suffering.

Voice transformation and morphing is an interesting technology also used in both physical and wireless interrogations. It is a form of deception used against a target to trick them into believing that they are speaking to real people that they know. It has been used in war to trick generals. Obviously spoofing email and other identities on internet forums can be used in this manner too.

Finally, the topic of human experimentation for improving weapons, torture, interrogation, and social disruption methods will be breached. Most of the techniques mentioned above work most effectively if the target has no SERE training (Survival, Evasion, Resistance and Escape) or psychological understanding of the methods to influence the human mind. Unfortunately, every sample point in the world's society needs to be studied to improve the weapons systems. This is why many random people are put into the torture and mind control experiments. There are some devious uses of a secret army of remote controlled assassins in every country in the world. The samples must include different education, language, culture, and economic factors. Obviously, silencing dissidents, oppositions of political parties, and whistleblowers are included in the lists of applications. The most disturbing of the trends in torture is testing and improving it. No-touch torture is much more complex than physical torture. Testing design flaws and weaknesses of the signal intelligence is one reason why it is necessary to test on innocent targets. Often the subject will be taunted by the statement, "Try to stop us." This statement forces the torture subject to try to figure out shielding and jamming techniques to stop the wireless torture and helps the weapons designers to improve on the system.

However, the psychological and perceived physical pain is only half the story with no-touch torture. It also involves a set of scripts, mind games if you will, to walk the target to murder and/or suicide. This is called "Hyper Game Theory". It is used in war games to determine how to control your enemies and targets. Game Theory can be used on governments, individuals, or for determining propaganda to alter cultures. The experiments on the public provide a means to test the efficacy of these scripts and determine under what circumstances to use them.

One last comment on why "We must guard against the acquisition of unwarranted influence, whether sought or unsought, by the military industrial complex" as President Eisenhower warned. During these torture programs run by the United States and its allies, accurate "truth" data points need to be used to judge the efficiency of the interrogation methods. This is why there is a dispute between the CIA and Senate Intelligence Committee reports about the usefulness of torture. Subterfuge by the CIA hacking into the senate oversight committee's computers is a big deal; a rogue agency has been formed. Data fusion centers, Homeland Security Data Fusion Centers, NSA, and FBI collect data on Americans. This data in turn is used during torture and interrogation of Americans in no-touch torture.



Todd Giffen < todd@strags.com >

obamasweapon.com torture complaint about CIA in Oregon, info for UN

Todd Giffen < case@oregonstatehospital.net >

Fri, Jan 3, 2014 at 3:48 PM

To: attorneygeneral@doj.state.or.us, askdoj@usdoj.gov, rep.johnlively@state.or.us, Sen.LeeBeyer@state.or.us, Rep.JenniferWilliamson@state.or.us, Senator Burdick <Sen.GinnyBurdick@state.or.us>, Sen.ChrisEdwards@state.or.us, Rep.ValHoyle@state.or.us, Sen.PeterCourtney@state.or.us, Rep.BrianClem@state.or.us, Rep.PhilBarnhart@state.or.us, Sen.MarkHass@state.or.us, Rep.TobiasRead@state.or.us, Sen.BillHansell@state.or.us, Rep.BobJenson@state.or.us, newsroom@oregonian.com, newsroom@statesmanjournal.com, nynews@nytimes.com, national@washpost.com, newsdesk@kgw.com, news@koin.com, tips@nationalenquirer.com, news@observer.co.uk, newstips@registerguard.com, rep.mikemclane@state.or.us, sen.tedferrioli@state.or.us, sen.betsyclose@state.or.us, sen.hermanbaertschiger@state.or.us, sen.brianboquist@state.or.us, tom.powers@state.or.us, sen.betsyjohnson@state.or.us, "SenatorLMA ." <sen.lauriemonnesanderson@state.or.us>, sen.jackiedingfelder@state.or.us, sen.alanbates@state.or.us, cmomail@springfield-or.gov, Kitty.Piercy@ci.eugene.or.us, george.r.brown@ci.eugene.or.us, Betty.L.Taylor@ci.eugene.or.us, Alan.Zelenka@ci.eugene.or.us, George.A.Poling@ci.eugene.or.us, Mike.Clark@ci.eugene.or.us, greg.a.evans@ci.eugene.or.us, Chris.E.Pryor@ci.eugene.or.us, Claire.m.syrett@ci.eugene.or.us, svangordon@springfield-or.gov, hwyllie@springfield-or.gov, smoore@springfield-or.gov, dralston@springfield-or.gov, mwoodrow@springfield-or.gov, bbrew@springfield-or.gov, bruce.goldberg@state.or.us, greg.roberts@state.or.us, risk.management@state.or.us, portland@ic.fbi.gov, usaor.civilrights@usdoj.gov, Assignment Desk <thedesk@katu.com>, Timothy.Peterson@fcc.gov, tips@nypost.com, oig.hotline@usdoj.gov, crimetips2osp@state.or.us, leon.colas@state.or.us, sen.jackiewinters@state.or.us, rep.gailwhitsett@state.or.us, rep.cliffbentz@state.or.us, firm@justiceseekers.com, Glenn.Greenwald <Glenn.Greenwald@guardian.co.uk>, Sharon.Weinberger <sharonweinberger@gmail.com>, welsh@mindjustice.org, ighotline@nsa.gov, inspector.general@usdoj.gov, hotline@dodig.mil, oighotline@state.gov, letters@time.com, letters@newsweek.com, foxnewstips@foxnews.com, welcome@droregon.org, seattle.fbi@ic.fbi.gov, washington.field@ic.fbi.gov, newyork@fbi.gov, intake@civilrightspdx.com, danamilbank@washpost.com, newcriteria@blueyonder.co.uk, newsdesk@kezi.com, kvalnews@kval.com, newsdesk@kmtr.com, us@icaact.org, guardians <guardians@aclu.org>, office@acluhawaii.org, info@aclu-or.org, Miami <Miami@ic.fbi.gov>, Chicago@ic.fbi.gov, Houston.Texas@ic.fbi.gov, phoenix@ic.fbi.gov, Boise.SLC@ic.fbi.gov, minneapolis@ic.fbi.gov, san.francisco@ic.fbi.gov, scoop@huffingtonpost.com, vmorton@washingtontimes.com, Jim Kirk <jkirk@suntimes.com>, Steven.McIntosh <steven.mcintosh@doj.state.or.us>, Erik.Blumenthal@opds.state.or.us, Nancy.Cozone@opds.state.or.us, Peter.Gartlan@opds.state.or.us, aclu@aclu.org, legal@aclu.org, info@aclu.org, legal@aclu-or.org, aclu@aclu-or.org, letters@msnbc.com, World@msnbc.com, TechNews@msnbc.com, mmeixell@usnews.com, letters@usnews.com, usnews@palmcoastd.com, send-us-news-tips@cnet.com, send-letters-to-news@cnet.com, comments@foxnews.com, foxnews@foxnews.com, newsonline@bbc.co.uk, rseditors@rollingstone.com, editor@vice.com, John.Solomon <jsolomon@washingtontimes.com>, aflaherty@ap.org, apportland@ap.org, info@ap.org, Memphis@ic.fbi.gov, "sselg@ohchr.org" <sselg@ohchr.org>, "jmendez@ohchr.org" <jmendez@ohchr.org>, "NPillay@ohchr.org" <NPillay@ohchr.org>, "InfoDesk@ohchr.org" <InfoDesk@ohchr.org>, "nationalinstitutions@ohchr.org" <nationalinstitutions@ohchr.org>, "gmagazzeni@ohchr.org" <gmagazzeni@ohchr.org>, "civilsociety@ohchr.org" <civilsociety@ohchr.org>, "urgent-action@ohchr.org" <urgent-action@ohchr.org>, "sr-torture@ohchr.org" <sr-torture@ohchr.org>, "frue@ohchr.org" <frue@ohchr.org>, "flarue@ohchr.org" <flarue@ohchr.org>, RT-US@rttv.ru, mayor@springfield-or.gov, national@nytimes.com, Glenn.Greenwald@riseup.net, andrea.peterson@washpost.com, Rep.CarolynTomei@state.or.us

Massive updates on warrantless surveillance by US Department of Justice and National Security Agency in Oregon, and how they used this heavily militarized technology to illegally spy on and set me and others up at the Oregon State Hospital post 2006-CRIPA investigation.

Updated: 1/2/2014

In 2006, the US Department of Justice showed up at the Oregon State Hospital to conduct their pitiful CRIPA investigation, and brought with them some heavily militarized technology. It's my opinion that they used the NSA's capabilities at the facility to spy on the patients, and they conducted an illegal investigation at the hospital claiming it was to discover civil rights violations, when they were really helping the state cover up crimes and abuse going on. I became a target of this technology that they had "outside of the building" allowing them to analyze my thoughts and see and hear me through the walls. I had caught the OSH staff illegally using it on me, and discussing it in the 48B hall-ways, which were fully recorded with cameras and microphones. They also discussed a state scandal involving the Bonita Tucker situation, and the states motive for covering it up: the lack of liability insurance, in which I was the key witness/victim. Numerous staff admitted that I was being spied on with remote technology, and others abused and assaulted me, while others helped cover it up and keep it all secret. In August of 2008, for trying to expose this to the world by hiring an attorney and contacting the Statesman Journal, they used the directed energy capabilities to try to off me, flooding my body with radiation and forcing expansion of my body, causing convulsions, high pulse (170 range), shock and incapacitation, all while looping and beaming video, sound, and noise into my head that only I could sense, nearly killing me, and totally mutilating me. 5 years go by, and I have been kept in their control non-stop, and there is practically no method to stopping it or exposing these psychopaths. I have learned that every agent around Oregon, is involved in some type of black ops abuse, using this surveillance technology on the public in secret, communicating with each other covertly, and using it to dominate and control everybody.

Below (link click) I document the NSA warrantless surveillance scandal, space capability, directed weapons and mind reading

technology that is totally based on physical science, patents, and real technology. Every ounce of it was generated elsewhere, or leaked by someone else other than me. I didn't make any of this up, and it's all totally verifiable information.

...

NSA Whistleblower Russell Tice disclosing NSA Signals Intelligence space capability being used to spy on Americans, patents for remote weapons technology, and over 17+ videos/misc weapons program details located at:
<http://www.oregonstatehospital.net/d/russelltice-nsarnmebl.html>

CRIPA investigation details found at this page, why US DOJ was in Oregon using this illegal technology (note: most state agencies are also involved, and I do not know the precise reasoning behind all of the surveillance and abuses (other than for controlling exposure of the corruption and scandals), but it's no secret amongst anybody in this state that's it's in use all over to control and basically snoop through everything): <http://www.oregonstatehospital.net/resources.html> (look for January 9th, 2008 CRIPA reports, and other reports at this location for background).

I have been set up, tortured, and abused by the State of Oregon and US Department of Justice/NSA now for 5+ years. More details at <http://www.obamasweapon.com/>

Copy of torture report as sent to the United Nations Special Reporter on Torture Juan Mendez is below (9/9/2013) (since I have been found with high levels of CK in my blood, high c-reactive protein amounts, and brain/muscle damage due to this weapons attacks. High CK is from muscle/brain breakdown, from continuous mutilation caused by this weapon.).

Hello, my name is Todd Giffen, and I heard from the Director/Executive of the Freedom from Covert Harassment and Surveillance Derrick Robinson that you were taking complaints about illegal torture, mind control, and electromagnetic weapons abuses. I have compiled my complaint below. I also have a website about my torture, and set up. The details on how it happened, most can be verified, if I could get some help from a none corrupt government entity to investigate. There is video/audio surveillance at the state hospital from 2008, staff discussing my set up, the technology they had outside of the building. The scandal I was in was published in the news paper, although my side of the incident was hidden. The US Department of Justice was at OSH investigating it for closure, that is how I became a target.

I suggest downloading this PDF for a more complete story, I sent this email to the FBI/Attorney General of Oregon, Many Oregon Senators Congressman, etc, Administrators at OSH, Police and City Officials, and received no help.
<http://www.oregonstatehospital.net/d/complaint-8-23-2013-with-new-cathy-meadows-psych-evaluation.pdf> (I attached this file below your completed form)

A more complete 700 page PDF with my complaint is available here, which I recently faxed to the US Department of Justice Civil Rights Division (their contact info on page 3?): http://www.oregonstatehospital.net/d/9-4-2013-latest_complaint_sent_to_us_doj_civil_rights_division.pdf

Details of the weapon they used on me are here: <http://www.oregonstatehospital.net/d/russelltice-nsarnmebl.html>

I also has a psychologists evaluation here, she backed me up, believing I was a victim of whistleblower retaliation. I do not have psychosis, and my doctors before this happened to me back this up. I got one such report on my website.

Cathy Meadows, expert in whistleblower retaliation, and an expert in clinical psychology:
<http://www.oregonstatehospital.net/d/Cathy-Meadows-Psychology-Evaluation.pdf>

Dr. Suckow eval from 2007, backing me up that I was abused by OSH, and had only ADHD/depression:
<http://www.oregonstatehospital.net/d/drsuckow-osh-dxadhd.pdf>

The US Department of Justice's report, detailing serious abuses at the Oregon State Hospital in 2008:
<http://www.oregonstatehospital.net/d/J096835116.PDF>

News paper articles on the Bonita Tucker scandal: <http://www.oregonstatehospital.net/d/story.html#bonita>

Investigation Report

OIT hid many details from this report and Bonita Tucker lied to avoid criminal liability for sexual abuse and her improper relationships that I observed. They were investigating my abuse by her, her inappropriately touching me, and planning to meet up with me when I got out of OSH. The report is rubbish. The events were reported to the facility much sooner than 7/20/06, but weren't investigated due to staff wide abuse and cover up. I even reported that I witnessed her smuggle in

tobacco and/or marijuana, and OIT did nothing. My release was sabotaged and staff set me up to look psychotic. This is the beginning of my time as a scapegoat.

Statesman Journal 12/09/2007

Statesman Journal obtains suppressed evidence about escapes, and hospital security problems. Many OSH staffers, including Bonita Tucker, involved in aiding two patients in escape, including patient boyfriend David Anderson. David Anderson gets left behind during his attempt, while Gino Puglisi makes it to the car, driven by an ex-staff member. Staffer Bonita Tucker was waiting at safe house and asks "where is David?" when Gino and the ex-staffer arrive. Bonita had planned to run off to Texas with David. Bonita was never arrested for this, and resigned without punishment, free for more than a year. No other staffers charged, as part of the cover up.

Ex-state hospital worker sentenced in escape, smuggling

Bonita Tucker got in trouble later for continuing to violate the law. She sent in morphine, amphetamine through the mail, and married David by phone. The state finds a way to downplay it, and most of what was actually happening at the hospital was never reported. In this article, my case was hidden, and Bonita had apparently made arrangements to lie and pretend to be the victim at the hearing, despite a long history of crime and excuses at the hospital. She says, "I was manipulated" at her hearing, but that's exactly what she said about me in 2006. But, the deal is, she abused me, claimed I was a stalker and sexual predator afterwards to cover up her own misconduct; and she had help hospital wide, everyone was helping her hide what she was doing.

State hospital patient tells how, why he escaped

Hospital patient David Anderson tells how, why he escaped in a later incident in 2009. He is right about one thing; no treatment or care is offered at this facility, physicians and staff have no skill, chronically deny services, and refuse release far beyond what is normally an appropriate stay in what should only be an acute care facility. I don't fault those who try to escape due to how abusive it all is, it's years taken from your life and you literally have no hopes of ever getting your life back.

I. Identity of the person(s) subjected to torture

A. Family Name

Giffen

B. First and other names

Todd

C. Sex: Male Female

Male

D. Birth date or age

3/13/1985

E. Nationality

American

F. Occupation

disabled

G. Identity card number (if applicable)

F. Activities (trade union, political, religious, humanitarian/ solidarity, press, etc.)

victim, humanitarian

G. Residential and/or work address

405 W Centennial BLVD

Springfield, OR 97477

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<http://www.oregonstatehospital.net/>

II. Circumstances surrounding torture

A. Date and place of arrest and subsequent torture

Original incident began in 2005. I was at the Oregon State Hospital, an admission that occurred involenarily by order of the PSRB in Oregon. I was at the facility, admitted with a diagnosis of depression, which I believe was false. I didn't have mental illness of any kind, but I lacked services, access to schooling and support. During a criminal incident, when I tried to get help, I was placed under the PSRB for 5 years of a crime I wasn't guilty of. So at the State Hospital, I was found to have minimal depression, and my release was approved December 12th 2005. My release never came to pass due to staff misconduct. A staff women, Bonita Tucker, sexually abused me, and I witnessed her bringing in contraband. The women did not get fired or in trouble, and the staff and State of Oregon helped cover this up. I was called names, set up to look mentally ill, they claimed I was delusional and psychosis for reporting incidents of abuse. They medicated me, and hurt me. Then the women got caught doing everything I said

she did, she was in a romantic relationship with a new lover, a patient named David Anderson, and she helped him and another patient get bolt cutters, drugs, etc. She was running a large smuggling ring of contraband and drugs, - in April the patients used the bolt cutters to escape, a planned event with many staff helping. There was a get away car driven by ex staff member, and Bonita Tucker was waiting at the get away house for David Anderson. David, unfortunately, got left behind. The police however immediately caught them, and knew Bonita Tucker had been at the house. They did not arrest Bonita Tucker, and instead, she resigned, and the state protected her and David. I was a witness to these events. Finally, the state began to target me for other abuses to hide these incidents. There was a plot of the State of Oregon lacking liability insurance, and staff were trying to cover up this criminal misconduct. The US Department of Justice had been at OSH, investigating the facility for closure, due to civil rights violations. They were at the hospital before these incidents occurred. I believe the US DOJ/CIA helped the State of Oregon obtain a psychotronic microwave weapon, something called Remote Neural Monitoring/Electronic Brain Link. I became a target of spying by the US DOJ/CIA and State at the hospital, with this weapon that allowed them to see and hear through the walls, read brain waves, and more. The system allowed them to extract my thoughts, and monitor my brain activity to try to determine if I really had ADHD, or not. They weren't there to help me, they were trying to cover everything up. A number of assaults happened, they let David Anderson beat me up, staff beat me up, they were protecting all this. I caught the staff on the security equipment, which had microphones every ten feet on unit 48B, and cameras at every end of the hallway, recording all these incidents. Staff could be seen covering this up and allowing illegal activity to occur. Numerous threats from staff occurred, they started a slander campaign around the hospital. I was the "masturbator" and the "antisocial pedophile" they made details up about my sexual interest in staff members, and hid all the crimes going on. The Oregon State Police, and a place called Office of Investigation and Training actively helped the staff cover these incidents up, and refused to investigate the staff for crimes. I was protected from medication assault during this period, only because I had an outside doctors opinion that I was being abused, and didn't have psychosis. The state had tried to frame me to look mentally ill, tried to force medications that would have killed me (including the dangerous drug Clozaril), but this outside doctor disagreed. He said I had only ADHD/depression at best, and that the staff committed malpractice, trying to give me drugs that were not clinically appropriate. So staff went through all my legal paperwork, ransacked things, they muttered things under their breathe as they passed me, telling me to "stop breathing" and to "die". they made comments about recordings from outside of the building, they had some type of electromagnetic weapon that could see and image particles from long range. On this unit, there were no other ways to do it; there were no cameras, or microphones, but they were spying on me, talking about things I did in private, phone conversations, things I did in the shower, including masturbation.

Numerous abuses occurred, and in December 2007, the Statesman Journal News Paper ran an article about the security problems at the facility, and the involvement of the staffmembers in these escapes and incidents. None of them received charges at that time, almost a year after these incidents happened.

So in May 2008, Bonita Tucker finally got some charges, for aiding in escapes, and drug smuggling. She had just tried to mail some morphine and amphetamine through the mail, and married David by phone. The state hid my case, and still protected her. In fact, she went into court, and pretended to be the victim, getting off with only 4 months in jail. All the crimes she committed had been hidden, outside of the escape, and drugs she mailed in. She had run a drug smuggling ring at OSH, I witnessed her bring in marijuana, and the patient who helped her distribute it around OSH was "John Eastman" who got charged for it, while she did not. They basically framed all the patients involved, and let her off without exposing most of the details of the scandal going on.

While this was going on, staff stole some legal notes, etc. I was back on a unit being fully recorded. 48B. They made comments about there being a "live wire" at OSH, that was everything was being recorded and saved. I caught the staff on camera, discussing the technology they had outside of the building, that was being used to spy on just me. The technology, was this brain computer interface/NSA Remote Neural Monitoring garbage. Staff members were linked up, they were receiving secret communications from outside of the building - they were using mind to mind communication to spy on me. They made reference to using it to violate my rights and it's purpose was to "prove or disprove I had ADHD". Numerous staff harassed me, and did things on camera, and I recorded the dates and times, and sent these in an email to the FBI/Governors Office/Department of Human Services, and other administrators at the hospital. They all helped cover these incidents up. Staff openly assaulted me, suffocated me on camera, and discussed the states motive to cover this up: their lack of liability insurance. "why'd they hide his case? they think the state lacks liability insurance, and the judge already made his decision. his letters are to incriminating" .. they stole and hid my letters about abuse from the staff, which had the details about what Bonita Tucker did to me.

I asked for these letters back, and they acted dumb, "what letters?"

staff members were told to "get him into restraints at all cost" and were doing things to try to make me sound crazy. engaging in acts of abuse, and then denying doing them afterwards, so that they could frame me to sound and look paranoid and psychotic. they were trying to bypass my doctor, Dr. Suckow, who was actually hired by them. they wanted his permission to assault me with medication, so they did all this. he interviewed me 2 more times, and refused to let them, he did not believe their story. but he made comments that he believed I was being abused, that is why he refused to help them. on the unit, the staff members decided to assault me anyway, giving me multiple injections of medication for over 20+ days. I received over 40x+ shots, which is assault/battery under the law. they assaulted me also physically during multiple occasions of administering the medication. I was on the phone for example complaining to my grandmother to call the police, and the staff came, I showed them the paperwork from Dr. Suckow, who said they couldn't over ride my informed consent, and they did it anyway. ripping me off the phone, taking me into the side room, where they slammed me on the bed, physically assaulted me, and said "no one cares about your rights, no one is going to help you". all of this was recorded. the unit psychiatrist, Dr. Newton, told me, her knew I was trying to find an attorney through covert spying, said "looks like you're having problems finding an attorney. guess I am off the hook, and I don't think I have to help you".

They did these assaults on purpose, without legal justification. Other abuses occurred, I caught them in numerous incidents confirming they had access to everything I said and did, they would openly be laughing about it on the unit, "haha, he knows this is going on" etc. They would repeat conversations, statements that occurred with people in private, they openly discussed secret meetings going on, and me being spied on.

In August of 2008, they set me up the ultimate method - so they couldn't convince Dr. Suckow I was psychotic, so they used a weapon on me to do. They flooded my body with microwaves, and beamed the message into my head "no bodies ever made it this far... like you spy for the Statesman Journal, DeAnn Major spys for the CIA" "you're being set up to look psychotic". I could feel radiation flood my body, I swoll up, went into shock and began to convulse. I had a 170+ pulse for months. I was bombarded in my cell with radiation, messages, dream simulations, and images. They talked to me 24/7, a automated but scripted/produced system, that was TV/movie quality. sound of sirens, more. they would say things like "we're getting tired of staring at your anus" they said DeAnn Major was sorry, "she wants you to call her.. she will be your best friend.. she wants you to have your own group home, \$16.4 million dollars" etc. they called it an unstructured settlement. if I wanted a structured settlement, to call DeAnn Major. they did these abuses to push me towards her, so I would tell her about the abuse I was going through. she was an advocate from Disability Rights Oregon, and their whole office was already involved. they knew the US DOJ was using this technology at OSH, and were refusing to help me, and allowed the attack, because they were already involved. It's a bit complicated, I had tried to get DeAnn's help, I thought she was a civil rights advocate, I had no idea she'd allow the use of neuro weapons at the hospital, or that she was protecting the staff the whole time. I know now that they never do anything about serious abuse at the hospital, and they let the state cover up abuse incident after abuse incident.

So other things they can do with this technology: direct energy at my balls, burn it, heat, cold, tingle tissue, move my tissue around with light energy. they can simulate massage, and more. they can do full remote nerve manipulation, the brain/neurons respond to light energy, this is called a non-invasive Brain Computer Interface per Wikipedia. they can see what you see, what you hear, think, emotions, memories, decode all neurons, using long range EEG. they have a very high resolution sensor that can decode all the electrical activity in the brain/body. of course, you know anything that uses electrons/electricity produces electromagnetic fields/radio frequencies, and this is what allows them to read the activity of each individual neuron. Signals Intelligence at the NSA has technology that can do all this, they can even use it on electronics, like keyboards and monitors, to see what you type and see on screen from miles away. they call this technique phreaking. they have a code name for the system that does this, called TEMPEST which you can read about on Wikipedia. so they can also do remote nerve/brain manipulation, that is they can change any signal in your mind or body using microwaves - allowing them to remotely control you, beam video, audio, sensations, words, dreams, and movement commands directly into your mind. They can make you see, hear things, control your dreams at night, or put you to sleep. They can make you feel really drowsy, or sad, change your emotions, more. You can feel the energy penetrated your body..

other things they told me, like when I got around women, they would harass me, I'd feel a tingle on my genitals, they were using directed energy to move and stimulate my genitals, and I'd hear "why do your balls swell Todd"? they were trying to make me feel like a sexual predator. then on the toilet, my bowls were so dry from exposure to this weapon, I could not pass a turd. I also stopped sweating. then they'd say "he just likes to smell his own farts". they said this to be abusive, because all I did was pass gas for weeks.

I was also convulsing, could hardly read, my muscles were messed up, they said I had some condition called dystonia. they simulated massage on my body to try to heal me, experiment on me, or injure me, to permemently disable me. I'd feel electromagnetic drills inside of me, energy that was massaging my muscles, my convulsing esophagus, eyes, etc. they claimed they were trying to cure me, through "special treatment". . that massage was designed to cure dystonia, losen my up. instead, it dried me out, and hurt my muscles, I lost the ability to flex or control my muscles. they would keep me warm at night, and it felt good at first what they were doing. they made it a game, they said If I ever got better, or "stopped it" it would be my "right away" to get help. that I'd get everything I ever wanted.

I did not get anything, and I was set up to look psychotic and abused. I got badly hurt, and denied treatment for years. They continued to use this weapon on me to hurt me, mutilate me. It was the CIA who was in control, using this weapon me. In March 2010, I got out of OSH, and was in control of the CIA. I had people gang stalk me on the streets, they had involved the local police, and city, and other people in Lane County / Springfield Oregon to control me. They were using this technology all around town, they kept on abusing me. I believe it was a plot to kill me, deny me medical care, everyone locally involved, Riverbend Hospital, people in the City of Eugene. They got people, city officials, police to do things, harasss me, and keep it quiet. The agents were friends with store clerks, the the city bus drivers, they all knew what was going on. This system has no range limits, it works all over town, and it allows these agents to be linked up covertly in secret. And everyone was trying to keep secret what was going on.

In December 2010, I finally found out the name of this technology. I found the term synthetic telepathy on Wikipedia, then I found the term psychotronic weapon. I found evidence finally of the polices secret surveillance system. I learned about directed energy weapons. I was being sexually abused though, hurt with this weapon, I had massively screwed up muscles. Swollen face, muscles so tight I couldn't hardly move or think. I had brain pressure issues, and burning and stinging all over my face and body. I was sensitive to cold and sound. I was irradiated and sexually abused everywhere I went; I come to find out sexual abuse is common with these weapons, victims report being targeted like this, get tortured, and abused, having their body parts manipulated, and bad things done to them to hurt them, and make them sound crazy.

So I complained to the FBI, and my dreams which were being simulated (I stopped dreaming naturally years earlier, now they ran dream simulations each night).. the dreams had the FBI in it, and President Barack Obama. He had my laptop, and he was making comments about me, so was Hillary Clinton. They were flipping an FBI badge open, and there was some talk about a special Medal, ... they hated me, they said I was the boy in the whitehouse with muscle problems, this was all being done to protect the crimes of the United States. There is no way the FBI was going to expose this, or admit to using a directed energy weapon on a person.

The torture continued, and I began to stay home, I would not go out because I didn't want to be followed. I screamed at them because I said "it was there responsibility to get me help, they did this to me". they said in return, "if you don't remember, it didn't

happen!" .. I did go out, and in response, they had an agent make angry faces at me after I got off a bus, he walked by and zipped his lips closed, like he wasn't going to help me, he wasn't going to say anything about what was going on. agents like this had been around me almost everywhere for more than a year. and the FBI/CIA had done it many times before.. look up COINTELPRO and MKULTRA. they gang stalked people, assassinated them, spied on them illegally, and did other human rights abuses.

In the months to come, I was told I lied so I was going to prison. I knew that I was either going to die, or they were going to keep doing this to me, hurting me in secret, and they were never going to admit to it. Local Police Springfield were in on it, working with the CIA/FBI in secret, with full access to this technology. One time I messaged a friend in the military about this, he replied he had read about this technology. He had heard about psychotronic weapons. He said though, "psychotronics, only in sci-fi" did he know they existed, but he had an article from a military contractors website about the development of these weapons.

I was set up, entrapped, and induced to hide their crime.

The police came by later that night, responding to me yelling at these people abusing me. The police are corrupt, knew what they were doing with me. I asked them "have you heard of psychotronics" and the officer replies.. "psychotronics? only in scifi!" mimicking my friend word for word. he then said there were "no psychotronics in Springfield" and they threatened me that this was their town. they both seemed really angry that I knew the term psychotronics, their tone changed completely. previously officers had mentioned me being controlled with radiowaves, when I told them nothing about it.

In March 2011, I got beat up badly by two involved officers, Grice and Bazates. They were angry at me, I was being sexually assaulted and abused with this weapon. The whole incident was covered up by the police, my grandfather witnessed the entire assault. They beat me up, then framed me, saying I did it all, assaulted them, etc. I have testimony from my grandpa on what they did on my website. That day, they were both using synthetic telepathy, and communicating with an FBI Agent Roberts on the other side. They broke my nose and teeth very well, and then at the hospital I overheard them discussing this, and doing things like they knew all my thoughts. The police report had several fabrications, including saying I was trying to get the officers gun, and holding onto the officer, while he was punching me, and beating me, while the other officer was holding both of my hands above my head, knowing that I was fully cooperating and didn't have ahold of the other officer. They tried to claim I tried to gouge the officers eye out when I didn't, I was trying to cooperate fully.

In Lane County Jail run by Sheriff Thomas Turner, I would be deliberately incapacitated, as they raped me over 300 times, and I was bombarded with radiation. They used this weapon on me, the CIA was in control of the jail. All the deputies and guards participated. I had high CK in my blood, over 700 count, which only happens from bad muscle and brain deterioration. They denied medical care and tests for more than 2 years, while I was being hurt in my cell, trying to fight the charges. I was set up to look mentally ill with this weapon, they repeatedly injured my brain and body to make it hard for me to communicate or get help. I was spied on and harassed by the deputies, they knew everything going on in my cell, they were getting relayed messages by the CIA out in the facility. They were linked up covertly with this technology.

I received messages in my cell like "die faggot. GEI sound" "you won't be safe any where. the sheriffs association and police union will get you".. they hurt me on purpose, hurt me everywhere I went, they could induce extreme nausea and vomiting reflex with sound/energy waves, which hurt and penetrated my body. they were literally fucking me up on purpose. they said "eat each assault". the other inmates could hear the deputies making noises at me, whistling sounds, and performing other harassments. they did this to irritate me, try to get me to go after them while they were attacking me with this weapon. they mixed in sounds with the deputies whistling using this weapon, like "bring on your attorney" and other things. the jail had guards with tasers ready to take me down, they had framed me to look violate with this weapon, they made it so all I could do was fight back or be tortured and abused. I could hardly control myself from the induced pain and injury they inflicted, my brain and memory had also been almost wiped out. they called it "shock therapy" .. they could induce dopamine surges through rapes, and forced orgasms, due to injury I had from this weapon or medications/antidepressants in the past. they knew that orgasms would cause my muscles to jam up, and cause my brain and body to squeeze. I was dopamine / orgasm sensitive, so they raped me over and over. the rape happened in my sleep, and during the day. they can stimulate my genitals with very precise patterns, microwaves, heat, and sensations, while also beaming the sensations of women and her feelings into me, they called it "virtual sex".. they would rape me no matter what I did, and the machine can track me as I moved through the walls. they lay there flicking and tickling my genitals with directed energy all day, they had full control over my body and brain from afar.

Ok I got out in June 2013, and they are continuing to abuse and assault me. I have a website all about my abuse, documenting the technology, the programs, and research I have done into these weapons.

I believe the police, FBI, NSA, CIA, and military/department of defense have these weapons all over, and they can spy on and target any one they want at any time.

Here is my website,

<http://www.obamasweapon.com/>

Weapons details, Signals Intelligence, NSA Whistleblower Russell Tice information, details about Remote Nerve/Brain Stimulation, Remote Neural Monitoring, Electronic Brain Link, etc: <http://www.oregonstatehospital.net/d/russelltice-nsammebl.html>

two PDF files with my full story:

700 page PDF, with pictures of the police assault, what they did to my face, a psychologists eval who said I was set up, experiencing whistleblower retaliation, and was not psychotic: http://oregonstatehospital.net/d/9-4-2013-latest_complaint_sent_to_us_doj_civil_rights_division.pdf

Other PDF from August 23th 2013 that I sent to the FBI/Attorney General, Oregon State Police, Many Senators, Congressman, etc. The FBI Portland responded, did not help, but they are already involved in these abuses, helping in the cover up:
<http://www.oregonstatehospital.net/d/complaint-8-23-2013-with-new-cathy-meadows-psych-evaluation.pdf>

Pictures of my assault, testimony from my family about what the police did, more:
<http://www.oregonstatehospital.net/d/story.html#media>

NSA Whistleblower video in the above link, Russell Tice says he used space capability to go after journalists, judges, lawyers, and more.. black ops spying/abuses. He worked at NSA Signals Intelligence, who most of this information is attributable to.

B. Identity of force(s) carrying out the initial detention and/or torture (police, intelligence services, armed forces, paramilitary, prison officials, other)

State of Oregon Officials, State of Oregon Police, Oregon State Hospital Staff members, numerous.. Greg Roberts, Roy Orr, Superintendent of OSH. Governor Kulongoski, DHS Admin Bob Nikkel. US Department of Justice attorney's, Robert Koch, David Deustche, Amanda Marshall. US Air Force General Michael Hayden, who headed this program, and was director of both the NSA and CIA during these times of my abuse.

City of Springfield staff, Oregon Attorney General Ellen Rosenblum, US Attorney General Eric Holder. Jr.

Lane County Sheriff Thomas Turner, Springfield Police Grice and Bazates, Lane County Prosecutors both William Warnisher, and Alex Gardner, the entire Lane County Prosecutors Office. They all had access to this technology and used it in secret.

President Barack Obama, because it's the US governments most secret weapon. They use this on the public, and refuse to enforce the law. They do not prosecute government crime, they keep taking away citizens rights, and they invented these weapons to be able to do secret abuses, mind control, set people up, and to get away with secret torture, rape, and murders.

Bushed used warrantless surveillance like this to target the public, and it was rolled over to President Barack Obama under the 2007 FISA court amendments: [https://en.wikipedia.org/wiki/NSA_warrantless_surveillance_\(2001%E2%80%932007\)](https://en.wikipedia.org/wiki/NSA_warrantless_surveillance_(2001%E2%80%932007))

C. Were any person, such as a lawyer, relatives or friends, permitted to see the victim during detention? If so, how long after the arrest?

My grandfather, Clyde Giffen, but he was working with the CIA behind my back. My attorney, James Jagger, John Halpern, .. they did nothing to protect me from abuse, and screwed up my entire legal case. Two attorney's Jessica Saydack, and Margaret Megensis were directly involved in my abuse, working with the state and CIA to cover this up. They were public defenders for the state. There are many other attorney's involved in this cover up, including Beth Englander and Bob Joondeph of Disability Rights Oregon, and Kali Yost/Kali Tara of these same agencies. In the past, a women named Rebecca Lease, who was supposed to defend me from illegal activity of the state and forced medication, instead she helped the state cover these incidents up.

My private attorney's, Jagger and Halpern, did nothing to investigate these abuses, and did nothing to try to get me medical care of help. They told me to sue for damages afterwards, and screwed me whole case up. I was forced to plead guilty just to get out of jail for medical care/etc.

D. Describe the methods of torture used

Using a microwave weapon on me, denial of medical care, causing serious injury and refusing to provide help. Using medications to assault and hurt me, damage my brain and body, when they knew I was not mentally ill.

E. What injuries were sustained as a result of the torture?

Serious brain and bodily injury. My muscles are super tight, I have brain squeezing, injury to my muscles, and soft tissue. I cannot hardly move my muscles, my tissue is swollen super tight, chronically inflamed, bruised in some areas, tissue is super tight and hurts in heart and chest, burning and stinging all over head, in eyes, chest... damage to vision, hearing, from radiation hurting my ears and eyes. I have vision and hearing loss now.

F. What was believed to be the purpose of the torture?

Retaliation, revenge, cover up of the use of this technology and the abuses at the Oregon State Hospital. These incidents were caught on tape, some of it published in the newspaper. They intended for me to die in secret, never to get help. no one would even know how I died, because no one is going to admit to using a directed energy weapon on a person. they wanted to frame me to look mentally ill.

G. Was the victim examined by a doctor at any point during or after his/her ordeal? If so, when? Was the examination performed by a prison or government doctor?

I was examined by OSH and jail/county doctors, who were involved and did this all to me in the start. They were denying me medical care, even when I had super high levels of muscle/brain deterioration in my blood (CK levels). I asked for MRIs, PET scans, EEG, and tests to prove or disprove injury, and they refused. They framed me to look mentally ill, and did not want there to be any proof of these injuries.

H. Was appropriate treatment received for injuries sustained as a result of the torture?

No, no treatment at all. I asked for neurological/physical rehab, and they refused to do any of it. They wanted to use medication to hurt me, injure me, which is what they did.

I. Was the medical examination performed in a manner which would enable the doctor to detect evidence of injuries sustained as a result of the torture? Were any medical reports or certificates issued? If so, what did the reports reveal?

No nothing at all. There was only the testing of blood, which did show extremely high levels of blood CK. but they refused to do tests that would show the type of internal injuries I had, such as MRI, fMRI, PET scan, or EEG. tests that checked and imaged the internal physical injury, or could see injury to muscle/brain tissue.

J. If the victim died in custody, was an autopsy or forensic examination performed and which were the results?

I did not die lucky, but I could at any time. I am literally not going to make it, the damage to my heart, brain and other organs is severe. If I live, it will be a shortened life, without me being able to experience it properly. I have been severely mutilated and almost all brain/bodily function destroyed.

III. Remedial action

Were any domestic remedies pursued by the victim or his/her family or representatives (complaints with the forces responsible, the judiciary, political organs, etc.)? If so, what was the result?

I tried to file a Habeas Corpus in Federal Court, it was denied without review my the judges Anna Brown and Paul Papak in Portland Oregon. They would not even assign me an attorney so that I could get my claims of abuse by the jail and CIA done. I gave them all the details from my website, and they still refused to help. I have recently filed a Writ of Certiorari, trying to get the US Supreme Court to intervene. I claim that I am still illegally imprisoned by the CIA in the community, and the judges in the original Habeas Corpus erroneously denied my case. If they wouldn't have found my case to be unbelievable, and they assigned an attorney, they could have investigated this and found evidence of my abuse.

The Writ of Certiorari is here: http://www.oregonstatehospital.net/d/United_States_Supreme_Court_Writ_of_Certiorari_8-29-2013.pdf

IV. Information concerning the author of the present report:

A. Family Name

Giffen

B. First Name

Todd

C. Relationship to victim

said victim, self

D. Organization represented, if any

<http://www.obamasweapon.com/>

E. Present full address

405 W Centennial BLVD
Springfield, OR 97477
5413210010
case@oregonstatehospital.net
<http://www.oregonstatehospital.net/>

Attached now <http://www.oregonstatehospital.net/d/complaint-8-23-2013-with-new-cathy-meadows-psych-evaluation.pdf>

hello, now I have one of many psychological evaluations to back it up. police abuse, energy weapons abuse, whistleblower retaliation, in Oregon by the state, CIA, and US DOJ.

Todd G. <todd@strags.com>

Thu, Aug 22, 2013 at 9:41 PM

To: attorneygeneral@doj.state.or.us, askdoj@usdoj.gov, rep.johnlively@state.or.us, Sen.LeeBeyer@state.or.us, Rep.JenniferWilliamson@state.or.us, Senator Burdick <Sen.GinnyBurdick@state.or.us>, Sen.ChrisEdwards@state.or.us, Rep.ValHoyle@state.or.us, Sen.PeterCourtney@state.or.us, Rep.BrianClem@state.or.us, Rep.PhilBarnhart@state.or.us, Sen.MarkHass@state.or.us, Rep.TobiasRead@state.or.us, Sen.BillHansell@state.or.us, Rep.BobJenson@state.or.us, newsroom@oregonian.com, newsroom@statesmanjournal.com, nytnews@nytimes.com, national@washpost.com, newsdesk@kgw.com, news@koin.com, tips@nationalenquirer.com, news@observer.co.uk, newstips@registerguard.com, rep.mikemclane@state.or.us, sen.tedferrioli@state.or.us, sen.betsyclose@state.or.us, sen.hermanbaertschiger@state.or.us, sen.brianboquist@state.or.us, tom.powers@state.or.us, sen.betsyjohnson@state.or.us, "SenatorLMA." <sen.lauriemonnesanderson@state.or.us>, sen.jackiedingfelder@state.or.us, sen.alanbates@state.or.us, mayor@springfield-or.gov, cmomail@springfield-or.gov, Kitty.Piercy@ci.eugene.or.us, george.r.brown@ci.eugene.or.us, Betty.L.Taylor@ci.eugene.or.us, Alan.Zelenka@ci.eugene.or.us, George.A.Poling@ci.eugene.or.us, Mike.Clark@ci.eugene.or.us, greg.a.evans@ci.eugene.or.us, Chris.E.Pryor@ci.eugene.or.us, Claire.m.syrett@ci.eugene.or.us, svangordon@springfield-or.gov, hwyllie@springfield-or.gov, smoore@springfield-or.gov, dralston@springfield-or.gov, mwoodrow@springfield-or.gov, bbrew@springfield-or.gov, bruce.goldberg@state.or.us, greg.roberts@state.or.us, risk.management@state.or.us, portland@ic.fbi.gov, usaor.civilrights@usdoj.gov, Assignment Desk <thedesk@katu.com>, Timothy.Peterson@fcc.gov, tips@nypost.com, oig.hotline@usdoj.gov, crimetips2osp@state.or.us, leon.colas@state.or.us, sen.jackiewinters@state.or.us, rep.gailwhitsett@state.or.us, rep.cliffbentz@state.or.us, firm@justiceseekers.com, Glenn Greenwald <Glenn.Greenwald@guardian.co.uk>, Sharon Weinberger <sharonweinberger@gmail.com>, welsh@mindjustice.org, ighotline@nsa.gov, inspector.general@usdoj.gov, hotline@dodig.mil, oighotline@state.gov, letters@time.com, letters@newsweek.com, foxnewstips@foxnews.com, welcome@droregon.org, "James C. Jagger" <jaggerpc@aol.com>, seattle.fbi@ic.fbi.gov, washington.field@ic.fbi.gov, newyork@fbi.gov, lregan@cldc.org, intake@civilrightspdx.com, danamilbank@washpost.com, newcriteria@blueyonder.co.uk, newsdesk@kezi.com, kvalnews@kval.com, newsdesk@kmtr.com, us@icaact.org, guardians@aclu.org, office@acluhawaii.org, info@aclu-or.org, Miami@ic.fbi.gov, Chicago@ic.fbi.gov, Houston.Texas@ic.fbi.gov, phoenix@ic.fbi.gov, Boise.SLC@ic.fbi.gov, minneapolis@ic.fbi.gov, san.francisco@ic.fbi.gov, scoop@huffingtonpost.com, vmorton@washingtontimes.com, Jim Kirk <jkirk@suntimes.com>, Steven McIntosh <steven.mcintosh@doj.state.or.us>, Erik.Blumenthal@opds.state.or.us, Nancy.Cozone@opds.state.or.us, Peter.Gartlan@opds.state.or.us, aclu@aclu.org, legal@aclu.org, info@aclu.org, legal@aclu-or.org, aclu@aclu-or.org, zap_d23@yahoo.com, letters@msnbc.com, World@msnbc.com, TechNews@msnbc.com, mmeixell@usnews.com, letters@usnews.com, usnews@palmcoastd.com, send-us-news-tips@cnet.com, send-letters-to-news@cnet.com, [<https://mail.google.com/mail/u/0/?ui=2&ik=de95f745cc&view=pt&search=sent&msg=1435...> 1/3/2014](mailto:send-news-</p>
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suggestions@cnet.com, comments@foxnews.com, foxnews@foxnews.com, newsonline@bbc.co.uk, rseditors@rollingstone.com, editor@vice.com, John Solomon <jsolomon@washingtontimes.com>, aflaherty@ap.org, apportland@ap.org, info@ap.org, Memphis@ic.fbi.gov, wisegamer@yahoo.com

video and pictorial evidence from the police assault, testimony from family witnesses, and more is at :
<http://www.oregonstatehospital.net/d/story.html#media>

"The police assaulted me in 2011: the CIA/FBI ordered a hit through the Springfield Police Department, who were involved the whole time and had access to this technology. They participated in my abuse, gangstalking, and harassment around town. These are pictures of what my body looks like after Springfield Police Officers Bazates and Grice violently beat me in front of my own family on March 13th, 2011 (both officers were communicating with an FBI Agent Roberts over synthetic telepathy, while the technology was being used to abuse me, hurt my body, and simulate psychosis):"

from the time of 2008-ongoing, I have been the target of conspiracy by the state of Oregon (see the attached psychological evaluation that confirms this below, including my diagnosis of not having psychosis), which has involved the misuse of directed energy weapons and mind control in Oregon and at the Oregon State Hospital by the police and CIA/US DOJ. At the state hospital in 2008, I was set up to look mentally ill, retaliated against, and my reports of abuse hidden and censored. They were caught on the security equipment in 2008, discussing the technology they had outside of the building, the set up, they assaulted me, and abused me on purpose on camera. in august of 2008, they used a directed energy weapon/electronic brain computer interface to remotely sabotage me, flooding my body with microwaves, nearly killing me. they simulated psychosis, and hurt me on purpose. they continue to use this weapon on me, in collaboration with the CIA/US DOJ in Oregon. OIT and the state police helped cover up numerous incidents of abuse at the state hospital in 2011-2013, last occurrence of abuse there being on June 6th 2013. I have sent numerous complaints to the Governors Office, Risk Management, and other departments, including the state police about my continued abuse. you all refuse to conduct a proper investigation into my abuse. I now have a psychological evaluation, that says I do not have psychosis, and indeed you set me up and used this weapon on me. I intend to sue you for your continued noncompliance with the law. this is also a criminal manner, I experience daily rapes, and injures to my body, by the involved police. they continue to use this weapon on me, I am being irradiated and having my body torn apart. there is a lot of evidence about the scandal and cover up that happened at OSH, the info is attached below and is on my website.

additional abuses at the state hospital, as documented in the US Department of Justice investigation CRIPA report in 2008: how did the state hospital dodge this bullet, and get away with my attempted murder with the US DOJ investigating the hospital for shutdown and civil rights violations? <http://www.oregonstatehospital.net/d/J096835116.PDF>

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my website is: <http://www.obamasweapon.com/>

here is the attachment of the psychological evaluation by psychology expert Cathy Meadows (and below this is an attachment of a complaint I made to the governors office, Oregon Department of Justice, the Oregon Attorney General, and many within the federal government (sent 8/8/2013)):

I have additional medical evidence, news paper articles, and collaborative websites that discuss the technology and abuses that have occurred by the government. there is video evidence saved at OSH, pictures from when the staff assaulted me and covered it up, OIT and the state police have engaged in fraud to lie and cover this all up.

for complete details about the polices Remote Neural Monitoring/Electronic Brain Link system are available here:
<http://www.oregonstatehospital.net/d/russeltice-nsarmebi.html> - this is in national use by the police, state, and federal government. be concerned that the police are in your mind, reading your thoughts, spying on journalists, attorney's, and advocates nation wide in secret. you are in the governments control, you are their pawns. this system facilitates warrantless spying far beyond anything being done by the FISA court, or as Snowden has disclosed in PRISM/recent events.

NSA Whistleblower Russell Tice says they're spying on everything, every signal, every communication in America. the same guy that brings us the details about Remote Neural Monitoring and Electronic Brain Link, above. the abuses are rampant, how do we shut our government down and get them to follow the law if no one is trying to expose this? watch the video, he witnessed them doing this all, including spying on us with remote space capability. hmm.. what could that capability include, the US does have patents on remote/satellite based synthetic telepathy and mind invasive technology (6,011,991:
<http://worldwide.espacenet.com/publicationDetails/biblio?CC=US&NR=6011991&KC=&FT=E>)
<http://youtu.be/d6m1XbWOfV/k> is everyone just blind out there? or is the cover up national?

ver.1, this is being revised to include information about the police assault, the gang stalking and officers that were following me on the streets in 2010-ongoing, and the attack that occurred with the directed energy weapon in 2008, and how badly my body was damaged from contact and deliberate mutilation with it by the staff.

8-22-2013

Cathy Meadows, M. A., Clinical Psychology
Consultant/Advocate for Victims of Whistle-blower Retaliation
and of Retaliatory Harassment and Surveillance
[707-720-7137](tel:707-720-7137)

RE: Todd Giffen
Springfield, Oregon

Covert harassment and surveillance usually happen for reasons that include: Whistle-blower retaliation, setting up and controlling victims in order to steal personal or intellectual property, jealousy and competition, retaliation because of domestic break-ups, revenge, because of differing political/religious beliefs, bigotry, being a witness to a crime or to some event that the perpetrator would like to cover up, and for several other similar reasons. The methods of harassment are intense, unusual, and severe, and the reason for the harassment is to neutralize the victims by driving them into an unbalanced emotional state, or by making it appear that they are mentally ill.

The majority of victims experience civil rights abuses that include: Group-stalking (also known as gang-stalking, stalking by proxy, and 2nd-hand stalking), hacking/tampering of computers and phones, Illegal entry into the homes and vehicles and businesses of the victims, theft, vandalism of personal property, 24/7 surveillance in and outside of the residence, noise harassment, character assassinations, biological/chemical attacks, remote weapons' attacks, gas-lighting (moving personal belongings around, or taking things and then putting them later, or in a different place), street theater (unusual public behaviors by stalkers including lots of overt rudeness, overt pointing/laughing at the victim, unusual hand signals, mocking behaviors, etc.), and staged accidents.

I spoke with Todd Giffen for 5 hours on August 18, 2013 to assess his claims of being targeted with covert harassment and surveillance, of being a targeted individual, and about his status as a whistle-blower. We spoke for an extended period of time on that day to expedite this document. Todd is 28 years old and is currently living independently. He admits to having had a difficult childhood. He was raised by his parents in his early childhood and describes them as "not very good parents." During his late childhood and on Todd was raised by his grandparents. He is currently unemployed due to the questionable amount of time that he was incarcerated in Oregon State Hospital (5 years).

While he hasn't yet gone on to any type of higher education, Todd scored on the 99th percentile in science, and on the 88th percentile over-all, on his GED tests. He is very, very intelligent and, therefore, had successfully learned to deal with any and all abuses he endured as a child. He learned to manipulate his environment then and he has carried this skill over into his adult life.

I find Todd Giffen to be out-going, open and direct. He answered all questions that I put to him without reservation. He does not appear to have any weird delusions beyond what is expected of victims who have experienced covert harassment and surveillance. There were never any reports during his formative years that he was paranoid or had delusions of any kind and, likewise, none that that he was psychotic. Most psychotic episodes begin in the teen-age years so this is an important point of interest.

When Todd Giffen was 18-19 years old he was experiencing depression that caused him to act out. He had a disagreement with his grandparents and brandished a knife, which he says was a mock suicidal attempt and a cry for help. His grandparents called the police who arrested him on the charges of "Menacing Harassment." The police put Todd in jail where he awaited sentencing and upon sentencing it was decided that he would be put into a group home. Todd had never learned how to deal successfully with others due to the poor interactive parenting he got as a child. He became depressed and after several attempts at living in different group homes he was placed in, The Oregon State Hospital, for what was suppose to be a minimal amount of time. Todd ended up being in the State Hospital for 5 years.

Todd had many problems with the staff at the State Hospital that began when, according to his story, he was sexually harassed by one of the female staff members who Todd said was "touching him inappropriately." Todd reported the staffer in question to a psychologist at the hospital, which set him up for whistle-blower retaliation, and that's when the harassment began. Todd reports that when he first arrived at the hospital he was diagnosed with depression, but that after he made his verbal report to the psychologist he was diagnosed as psychotic (bi-polar/psychotic disorder not otherwise specified) and his release from the hospital was refused.

At this time Todd Giffen wrote a letters to the Office of Investigation and to the Oregon Advocacy Center, and to several other parties, to complain about what was happening to him at the hospital. Of course, this intensified his status as a whistle-blower. At this time, the State Police showed up and accused Todd of sexually harassing the staffer in question. Todd then called the Office of Investigation and Training and reported the problem to them and they put out a warrant for her investigation and reported back to Todd that she had a history of getting too close to the patients.

At this point, Todd Giffen was transferred to a different section of the hospital where they began to administer anti-psychotic medication to him. The medication made him very ill, however, and they had to pull him off the meds. They administered other meds to him and after an extended time period, they pulled him off of those meds as well, due to bad reactions. Todd went through withdrawals from the meds and ended up having involuntary movements and tics. After doing the research, Todd believes that the medications have caused chronic damage to his nervous system.

Todd became more and more depressed because he wasn't being released in the timely manner that he was promised. Because of Todd's depression, the psychologist whom Todd Giffen was working with put Todd on a "one-to-one" watch for an entire week-end because of the depression he was experiencing. This means that a hospital staffer had to follow Todd around constantly 24/7, regardless of where he went or what he did for the duration. This agitated Todd, as might be expected, but was probably a safety precaution taken by the psychologist.

Things got progressively worse and at one point a disagreement ensued between staffers. One staffer said that Todd could order a pizza but after the pizza arrived another staffer said that Todd couldn't have the pizza. Todd became agitated and ended up telling the staffer in question that he at least wanted his money back. At this point, this particular staffer started beating on Todd "for no reason." Todd was bleeding from his mouth and nose and they put him in restraints for 12 hours. A nurse who attended him afterwards said he suffered blunt trauma from the attacks. Shortly at that, however, another doctor was called in and reported that the bleeding Todd had experienced was caused by a "sinus infection."

The staff continued to harass Todd and would openly call him a "sexual predator" because of his accusation against the female staffer who he accused of sexual harassment. However, the staff began to let up on Todd after the female staffer in question resigned in 2007 amidst an investigation into her behavior regarding: Delivering controlled substances to the inmates, supplying contraband, and helping another patient to escape (2nd degree escape).

In time, the hospital psychologist called in an outside doctor who did an evaluation on Todd and advised the hospital staff that Todd didn't have any type of psychosis. The doctor diagnosed Todd with A. D. H. D. and with depression and told the hospital doctors that they couldn't medicate Todd any more and said that what the hospital was doing was "medical malpractice."

At this point, the hospital doctor sent Todd to maximum security "out of revenge" for 2 months, where he was physically assaulted by another inmate, whom Todd believes was intimately involved with the female staffer that sexually harassed Todd early on. According to Todd, the staff allowed the attack and did nothing to stop it. Todd was physically attacked again before he left maximum security, both physically and verbally, and was taken to medium security.

As soon as Todd arrived at medium security the harassment began again and a staff member there called him a "borderline bitch" on the assumption that Todd had been diagnosed with Borderline Personality Disorder. Once again, Todd complained about the treatment he was receiving in medium security and, as expected, the staff in medium security didn't like him.

Todd Giffen entered a new phase of whistle-blower retaliation, at this point. The staff went through all of his confidential paperwork and correspondence that he'd been having with his attorney and took it away from him. They eventually gave it back to him after he put up a verbal protest. The staff continued the harassment and started to "call him a masturbator, a faggot, a pedophile, and a rapist (it's very common for whistle-blowers' sexuality to be attacked in this manner). Once again, Todd was sent to maximum security "for no reason" and the defamation and character assassinations against him with respect to his sexuality continued along the same lines, and they called him "anti-social," "child pornographer," and "pedophile." The hospital confiscated Todd's computer in order to find evidence of sexual misconduct and found nothing.

Todd was boomeranged back and forth a few more times between medium and maximum security and soon found himself to be under covert, 24/7 surveillance. The staff knew about everything that Todd was doing on a minute-to-minute basis, including things that they shouldn't know, and they would taunt him with this knowledge, and flaunt it in his face by working it into conversations that they were having with each other. This is another common tactic that is used against whistle-blowers in order to try to discredit them and hang an unfounded diagnoses on them that's associated with paranoid delusions.

He tried to get help and wrote a letter to his attorney but the same inmate that beat him up before stole the letter and never gave it back. He contacted Human Services who told him it was going to be investigated and that he would get help but it never panned out. Todd told me that, at this point, the staff forced medication on him illegally, without a doctor's approval. He was told by staffers that "no one cares about your rights and no one is going to help you." A staffer then slammed him onto his bed and injected him. He threatened to report it all and they put him in restraints and forced meds on him.

The Office of Investigation and Training took pictures and the illegal drugging stopped for awhile. A worker for the Disability Rights of Oregon couldn't help him and told him that, even though he was continuing to be abused, that he shouldn't do anymore tort claims and grievances.

In 2008, Todd Giffen reports that, at this time in his incarceration, he began to experience an attack by at least one remote weapon, which is also a common complaint amongst whistle-blowers. He said that his heart rate sped up, according to doctor's reports. Also, at this point, he began to hear voices that he says sound computer generated and not like human voices. This is known as "voice to skull" technology amongst victims of covert harassment and surveillance.

Sidebar

"Voice to Skull" is a military term for a weapons technology that many claim is being used on certain individuals, worldwide, and is in an experimental phase. There are claims that it is being experimented with on whistle-blowers, prisoners, and minorities in the civilian population, amongst others. If you do research on the psychological status of the prison population, you will find that there is a much, much higher percentage of prisoners who develop "psychosis" while in prison now then there was 10 years ago.

There is no doubt that this technology exists and scientists who developed the technology are quick to say that it's being used on the general population (Robert Duncan). It has become one of the leading "conspiracy theories" of our time and has been featured on the hit T. V. show "Conspiracy Theory" with Jessie Ventura. The name of the episode that it's featured on is entitled, Brain Invaders.

Todd was released from the Oregon State Hospital in 2010. He continues to suffer the effects of the traumatic harassment and abuse that he experienced while he was there and he continues to feel the effects of the remote weapon's attacks. He went into the hospital with a diagnoses of "depression" and he came out with a diagnoses of "psychotic." Furthermore, he wasn't hearing voices when he entered the hospital however he was hearing voices when he left and continues to do so.

In conclusion, I found Todd Giffen to be a very out-going, unguarded, intelligent and friendly young man. He doesn't appear to have any type of psychosis. He told his story sequentially and chronologically and he was non-tangential and was easily understood. He doesn't appear to have a lot of anxiety at this point in his recovery. Further, I believe that Todd Giffen is being honest with regards to the abuses that he suffered while at the Oregon State Hospital. I believe him when he confides that he continues to suffer with abuses because of his previous attempts to find justice. He was labeled as a "trouble-maker" (most whistle-blowers are) and punished for it, however, he has helped to change the system for the better and has instigated investigations into allegations of these types of abuses.

I believe that Todd's allegations should be taken seriously and that he should get any and all help that can be given to him in order to protect his civil and human rights.

Thank you for your interest in this matter and if you have any questions or concerns please feel free to call me at any time.

Cathy Meadows

now the attachment, this file is archived on my website at:

http://www.oregonstatehospital.net/d/email_august8th2013_oregon_senate_house_request_for_investigation.pdf

----- Forwarded message -----

From: **Todd Giffen** <case@oregonstatehospital.net>

Date: Thu, Aug 8, 2013 at 3:13 PM

Subject: criminal complaint/request for DOJ services/police abuse in Oregon/request investigation

To: attorneygeneral@doj.state.or.us, askdoj@usdoj.gov, rep.johnlively@state.or.us, Sen.LeeBeyer@state.or.us, Rep.JenniferWilliamson@state.or.us, Sen.GinnyBurdick@state.or.us, Sen.ChrisEdwards@state.or.us, Rep.ValHoyle@state.or.us, Sen.PeterCourtney@state.or.us, Rep.BrianClem@state.or.us, Rep.PhilBarnhart@state.or.us, Sen.MarkHass@state.or.us, Rep.TobiasRead@state.or.us, Sen.BillHansell@state.or.us, Rep.BobJenson@state.or.us, newsroom@oregonian.com, newsroom@statesmanjournal.com, nytnews@nytimes.com, national@washpost.com, newsdesk@kgw.com, news@koin.com, tips@nationalenquirer.com, news@observer.co.uk, newstips@registerguard.com, rep.mikemclane@state.or.us, sen.tedferrioli@state.or.us, sen.betsyclose@state.or.us, sen.hermanbaertschiger@state.or.us, sen.brianboquist@state.or.us, tom.powers@state.or.us, sen.betsyjohnson@state.or.us, sen.lauriemonnesanderson@state.or.us, sen.jackiedingfelder@state.or.us, sen.alanbates@state.or.us, mayor@springfield-or.gov, cmomail@springfield-or.gov, Kitty.Piercy@ci.eugene.or.us, george.r.brown@ci.eugene.or.us, Betty.L.Taylor@ci.eugene.or.us, Alan.Zelenka@ci.eugene.or.us, George.A.Poling@ci.eugene.or.us, Mike.Clark@ci.eugene.or.us, greg.a.evans@ci.eugene.or.us, Chris.E.Pryor@ci.eugene.or.us, Claire.m.syrett@ci.eugene.or.us, svangordon@springfield-or.gov, hwylie@springfield-or.gov, smoore@springfield-or.gov,

dralston@springfield-or.gov, mwoodrow@springfield-or.gov, bbrew@springfield-or.gov, bruce.goldberg@state.or.us, greg.roberts@state.or.us, risk.management@state.or.us, portland@ic.fbi.gov, usaor.civilrights@usdoj.gov, Assignment Desk <thedesk@katu.com>, Timothy.Peterson@fcc.gov, tips@nypost.com, oig.hotline@usdoj.gov, crimetips2osp@state.or.us, leon.colas@state.or.us

my website with more details about the scandal I was involved in, with proof about the technology, news paper articles, etc is: <http://www.obamasweapon.com/> or <http://www.oregonstatehospital.net/>

hello. I spoke to Senator Mark Hass's office about this issue, and he said I should have the support of the Attorney General and not to hesitate to contact you.

I am requesting a legal investigation into some abuse that occurred at the state hospital in 2006 to ongoing. There was a huge scandal in that period of time, there is some security footage that I believe was saved, or fraudulently discarded that shows my set up, assault by staff members, and is the start of abuse by the US Department of Justice and CIA. He's a little bit of my background at OSH:

I was admitted to OSH with a diagnosis of PTSD. no serious mental health issues. it was part of a plea bargain to get me extra help and services, because I had a very traumatic upbringing. I didn't have psychosis, that is the point of mentioning this. While at OSH, I experienced numerous staff and state wide cover ups to hide abuse. I was immediately approved for release for example, the PSRB and hospital approved my discharge, and the County of Lane was set to take me back for conditional release. Approval on December 12th 2005 at my first hearing was approved by the board, and by OSH February 17th 2006. I got caught up in an infamous staff women named Bonita Tucker had sexually abused me, and the state and staff helped her cover it up. She had given me her cell phone number and email address and wanted to meet up with me when I got out of OSH. I witnessed her doing this with other patients, David Anderson and Clifford Beers. and I saw her bring in contraband for the patients, including tobacco or marijuana. She claimed I was a stalker and sexual predator, and the state covered it up. staff helped her hide her misconduct.

I was stuck at OSH being set up, abused with medications, numerous staff assaults and abuses occurred. I was being framed to look psychotic, and mentally ill. staff and the hospital did nothing about the abuses.

this while time, Bonita Tucker was running around OSH, she had a large drug smuggling ring with Gino, David, and another patient named John Eastman. She brought in drugs to 48B, and she brought in larges amounts of marijuana for John Eastman to circulate and sell at the hospital for her. She knew all the ins and outs of the system, and who patient wise would help her do these things. There was probably 20+ staff involved in protecting and doing all this, some staff helped route packages around OSH with contraband through the mail system while hiding the patients names. In February 2007, Bonita Tucker had arranged to OSH break her new boyfriend patient, David Anderson. She had helped smuggle in bolt cutters, multiple staff and ex-staff did, and they had an ex-staff driving the get away car. David and Gino went down into the gym in the 50 building, cut through the fence with bolt cutters, and they escaped. David got left behind, Gino got away successfully. At the get away house, Bonita Tucker was waiting, she said "where is David?" in disappointment, according to police records. David and Bonita's plans were to run off to Texas together to be wed, where she could protect him.

At the hospital, I became a target of even increased abuse. They didn't fire Bonita Tucker, and she resigned. The state protected David and Bonita for more than a year, only Gino got charges. Bonita Tucker was seen driving by OSH, delivering contraband packages, and they were giving the two special treatment. I had an outside doctor say, Dr. Suckow, that I was being abused by OSH, and that I didn't have psychosis. But it was too late, I had been coerced to take medication, and got severely hurt. The superintendent Marvin Fickle had said I was the boy who cried wolf the year before, when he said he wouldn't do anything about the abuses. But now everything should have been confirmed, I told the truth about everything. But the hospital was still trying to cover this up. I had been retaliated against by 41A Dr. Fritz for decision of Dr. Suckow, and sent back to 48B with David. There they let David harass and assault me, and the staff openly let David and Bonita conspire to abuse me. There was camera footage with audio of everything going on. I also got assaulted by a staff member named Jeff Birkholtz. He was protecting Bonita and David personally, and after the assault from two patients, David and Adam Collier (I got punched over 20+ times), I was transferred to 50C. During the transfer, Jeff tags another staff, and goes along for the tunnel transfer to 50C. During this transfer he verbally abused me, calling me names, "you're nothing but a borderline bitch" and confirming I had been assaulted and abused by David, "I would do the same thing as David did if you said that to my girlfriend" I responded. "I didn't say anything, though". he goes blank. He starts making air plane noises and acting crazy, "I know everyone inside OSH and I am going to make sure you get taken care of" "you will be back in my control in no time" Jeff Birkholtz says.

I arrive at 50C, and numerous events unfold. Staff ramsack my legal paperwork, going through paperwork marked as confidential between me and my post conviction relief attorney. I overhear conversations by a nurse that they have technology outside of the building that can make video recordings of me in the shower, and they are all spying on me. Apparently able to hear my thoughts, listen to my phone conversations, and more, all through the walls. I become a target of abuse, and sabotage. the Dr. is refusing to work with me, and OIT comes in to cover up the reported incidents I made about the assaults by the patients, and the abuse and harassment by Jeff Birkholtz on 48B. the abuse and assaults from patients were staff induced and sponsored, they were letting it go on, letting me get terrorized, refusing to help. you could see this on the security footage. OIT came in and said none of these events happened, and covered it up. they said they saved the security footage,

and I want it rechecked. I started to get threats from staff on 50C, they would tell me to stop breathing, and make noises around me, noises that would make me sound paranoid if I told anyone else about. they'd whisper name calling, etc.

I get transferred off of 50C for no reason, to 48C, a 370 unit when I was PSRB patient, something very odd was going on. they said it was for my protection. I became more aware of the spying going on, and abuse. staff members were openly discussing on the unit things about me, "oh what a coincidence, it's the stalker!" and things they had said I did sexually. attacking staff, framing Bonita, they claimed I was antisocial for trying to bring claims or make complaints about the staff. they discussed being able to see me through the walls, and openly had conversations about secret meetings going on. I got transferred to another 370 unit, 50H. on 50H I immediately saw a secret meeting held about me, staff from different parts of the hospital showed up, including my old counselor from 41A. I endured abuse here, verbal attacks, being called a rapo and faggot by staff members. they were using something called synthetic telepathy, a remote brain computer interface from outside of the building. it lets them monitor all neurons and the radio waves they produce from afar, and they can decode signals and track thought; nerve impulses that correspond to video signals, audio, emotion, motor control, your dreams, and more. I didn't know it at the time, but the staff were secretly linked up, this machine had the ability to do covert mind communication, beaming audio, video, sensations, and other things into a persons mind. All the staff were standing around with this secret link, receiving communications that only they could see or hear. they were being told things, about me, and what was going on, I guess as part of the state and US Department of Justice investigation that was going on back then.

I got transferred off of 50H as retaliation for reporting abuse, went back to 48B, "back in Jeff Birkholtz control", it was now April 2008.

On 48B is where the set up and retaliation and abuse escalates. This unit had microphones and video cameras in every corner, similar to 48C. There is microphones every 10 feet in all the hall ways, in every room. There was a news paper article ran about Bonita Tucker in December 2007, which is on my website here: http://www.oregonstatehospital.net/d/statesmanjournal_12-09-2007.pdf - It fills you in on some of what was going on. More files/links here: <http://www.oregonstatehospital.net/d/story.html#bonita> - The state didn't press charges until 2008, when Bonita Tucker got caught red handed again, mailing in morphine and amphetamine, and marrying David by phone from Texas. At this point the state already had access to everything in the women's mind, and the mind of all the staff - they knew what was going on. The DA hid my case, pressed charges, and framed John Eastman to take the fall for what Bonita had done. Bonita Tucker went into court, and got to play the victim. Because she "cooperated" with the states lie, she got off with little jail time, and sympathy from the judge.

link to statesman journal article about what happened in court: <http://psrbtribune.wordpress.com/2008/10/25/ex-state-hospital-worker-sentenced-in-escape-smuggling>

OIT document from 2006, when I inform state of what this women did to me: <http://www.oregonstatehospital.net/d/bonilied.pdf>

On the unit, the staff stole new notes I had wrote to an attorney about what Bonita and staff had done to help her, including staff member named Guss and Jeff Birkholtz. This note was stolen by David Anderson and Chris Walker, at first, and passed to staff, who were talking about. "why'd they hide his case? they think the hospital lacks liability insurance. the judge already made his decision, and the notes are too incriminating". they stole the notes, and refused to give them back. When I ask Jeff Hodson for the notes back, he says "ooohhh, he's good!!!!" "it's out of control, he's gunna call someone about what we did!"

Staff members talked about at multiple times, in May 2008, which is detailed in an email I sent to the Governors Office, OIT, DHS Admin Bob Nickel, the Superintendents Office, and DHS Admin Bruce Goldberg. In the email I spell it out, actually my friend Adam Shirk tried to. He typed it up, with dates and times to check the security footage. Staff members discuss the "live wire" at OSH, how everything was being recorded and saved. They let David assault me over the notes, he believed his wife had cheated on him with me, or had a "relationship" with me. They didn't punish David and transferred him to lesser security unit for his protection, and tried to cover it up. They refused to press charges against him, or Chris Walker for assaulting me. Staff on the first night on May 10th 2008 or so are outside my room, discussing how "there is technology that can focus on just him, listen to only what he says and does" .. someone comes out of the office, this is the night of the assault from David.. after staff got the notes from him.. "they're doing this for Todd's protection, they're going to watch and log all this.. " a staff member reponds, "noooo!! he's a fucking liar, he's not mentally ill, doesn't have ADHD.. He's nothing but antisocial at best!" -

email with these details:

http://www.oregonstatehospital.net/d/email_june12th2008_oshstaffbehavingbadly_oregonstatehospitaladministration.pdf

Response of DHS Admin Robert

Nikkel: http://www.oregonstatehospital.net/d/emailreply_june13th2008_reoshstaffbehavingbadly_fromdhsadminrobertnikkel.pdf

Comments were made at some point, that they were using this technology to prove or disprove I had ADHD. a staff RN named Dave Hamptom says, on the unit, they were constantly coming out of the office, talking about what was going on, giving each other instructions, "they had to violate his rights just to say he does/doesn't have ADHD!" and all this. I had been trying to contact an attorney about it all, "they're going to let him get an attorney! shit!" I tried to contact the FBI as well, staff members get a call on the phone in the kitchen, someone tells her "don't let him call the FBI" .. the staff member goes and tells the other staff, "don't let his family or him call the FBI!"

one weekend happens when I do think I got through to the FBI, towards the end of May, staff members come onto the Unit the following Monday, treatment team members, Frank Sibel the Psychologist, Jeff Birkholtz, they are scrambling to try to clean it all up. This is when David was shipped off the unit, as was Chris walker. after a few days pass, staff members commenting on the unit like they had won, "they're not going to do anything"

you can hear staff members on the unit constantly making fun of me, discussing what was going on.

OIT was notified, they come out, and you can hear staff talking about it, "they're like, "damn you guys must be having fun over here" - staff responds, "but I'm not, no, we're not" - OIT was talking about the fun of me trying to expose what was going on. and staff scrambling around.

OIT is Office of Investigation and Training and they were helping with the cover up.

the state police were doing the same.

at some point, they are saying to do whatever it takes to frame me, a staff says "they want us to get him into restraints at all cost"

I am being bullied around on purpose, staff members flipping me off, one walking ahead of me one time down the hall of 48B turns around and says "he's never going to get anything he wants, he doesn't deserve it!"

they were trying to make sure nothing happened about what was going on.

I got put into restraints and physically mistreated many times.

a staff member Jeff Hodson and another two RNs and another staff assault me, badly. Jeff is punching me in the face, over 10+ times, I am bleeding badly, swollen up face.

I get taken down and put into a restraint cart, and suffocated on camera with a towel, jeff is trying to suffocate me and hurt my face on purpose my applying force with a towel on my face to prevent me from breathing as I am taken into the restraint bed. all the staff standing around after words, looking at my face in the hall, commentings, "damn, Jeff screwed up big time!" "his face is swollen bad!" .. OIT along with all the floor staff got together and wrote the OIT abuse report, claiming I did all the assault to myself. I self inflicted all the injuries, despite video evidence, and pictures.

The OIT report/abuse report is: OSH08027

I was also being assaulted with medication. I had an outside doctor, named Dr. Suckow say multiple times that I couldn't be medicated against my will. There is 3 reports, one of which is on my website here:

<http://www.oregonstatehospital.net/d/druckow-osh-dxadhd.pdf> that say I am competent and that my decision to refuse treatment cannot be overridden. Dr. Newton on 48B had told me, in June 2008, "look like you're having trouble finding an attorney. I don't think I have to help you" - right in the hall way, fully recorded. He ordered shots, injections of Abilify, and Zyprexa, without my consent, for over 20 days. They were framing me to look paranoid and psychotic, by refusing to investigate my claims of abuse or the incidents I reported to OIT/in grievances/to the police/govenors office, etc.

On one incident, is when Jeff Hodson had assaulted me. I had the right to not take the medication, I refused it, then when I tried to leave the room, he slammed me up on the bed, with staff named Brad, and began to punch me in the face with his fist. i witnessed both him and Brad smiling, like they were enjoying it. Brad saw Jeff hitting me in the face over and over, so did two RNs named Heather and Elizabeth. I was then dragged down on the floor, fully restrained and cooperative the whole time, where I spit up large amounts of blood all over the floor. my nose and mouth was bleeding. I was then lifted into a restraint cart, where I was suffocated with the towel as they took me down the hall way, Jeff Hodson had the towel over my face pressing it with his hands, making sure I couldn't breathe. OSH policy is clear that towels can't even touch a patients face during restraint, and cameras on 48B would have recorded it all.

On another incident, a staff member named Tim is shown the paperwork from Dr. Suckow, and he thinks that Jeff Birkholtz has found a way to bypass Dr. Suckow and the informed consent process. I tell him the paperwork says you can't do it, that's what Dr. Suckow said when he visited me. Tim leaves, looking angry at me. He returns with 10 staff, while I am crying on the phone to my grandma about it, asking her to call the police. They rip me off the phone when I'm talking to her, take me into a room where they say "you aren't going to get any help, "no body cares about your rights, no body is going to help you"" "you're psychotic bitch, die!" they inject me with the medication, two staff members were the ones talking, Tim and Brandon. Brandon could be seen previously calling me a smooth operator and discussing conversations I had in private in my room.

Staff members could also be seen outside of my room, Jeff Hodson, Randy Davis, Jeff Birkholtz, and several female RNs, discussing how I was sexually turned on by staff, masturbating in my room, and they had the recordings of it all, even though it wasn't true. They got a female staff to lie and claim that I had propositioned her, they were discussing this all in secret meetings off the unit. They were doing this to protect Bonita and frame me.

later, many assaults, abuses occur. DeAnn Major from Disability Rights Oregon was trying to protect the staff members. I complained to her in the kitchen, which was fully recorded, that I was being spied upon and abused. and she tells me "don't right any more grievances or file a tort notice" .. I tell her I sent her an email with all sorts of dates and times a month before, if she had come out and checked it, she would have caught the staff doing all of this. DeAnn is acting oddly, she sees how upset I am, then says something she shouldn't have known.. "the technology exists.." and then she leaves. She didn't tell me herself that she knew about the technology they were using at OSH, I had thought they had hidden cameras and microphones at first...

even though they had dropped hints about there being other things. I didn't know about terahertz wave technology, Remote Neural Monitoring, Electronic Brain Link, or synthetic telepathy back then.

but in August of 2008, I had tried to switch attorney's. they tricked me into firing my personal attorney, apparently in the month before he was going to check the security footage, and view some of the assaults. staff members didn't want him to do it, and they found a way to manipulate me. they said if I wanted DeAnn Major's help, and I didn't realize she was involved yet, that "they want you to fire your attorney, and use their attorney, Harris Matarrazo. then DeAnn Major will help you."

they were coming by my room, communicating messages to me. I went to fire my attorney on the phone, as soon as I did.. I am seen on the footage walking down to my room, two staff members appear to have been covertly notified and monitoring it all..

one named Fey starts laughing as I walk by, the other, Angelica, "haha, he's probably going to say we're doing the same thing we always do!" they were trying to scare me on purpose, I didn't know I had just been tricked into firing my attorney.

staff members walk by my room, and tell me the deal is, I have to fake I'm suicidal, and that then DeAnn Major will know to help me. apparently, there is a rule the PSRB/OIT/OSH can use to private transfer a person out of OSH, if it is an emergency. the person has to be suicidal, or in physical danger. they promised that it was a pre-desposed deal, she will come and get me transferred out of OSH for my protection.

the deal doesn't go through, when I am called down to Dr. Newton and Frank Sibel. they had expected me to say that I didn't feel I could do well and go to a new unit at OSH to get out, and say that I was feeling suicidal. they even asked me these questions, hoping that I would agree and cooperate. I refused to talk to them or cooperate... so I never got her help. I was upset about her and what they were doing, I said, if she wanted to help, why isn't she helping me just for my protection? why doesn't she come and provide protective custody, why would I need to do it the way they were saying? why were they playing games?

sometime in August of 2008, I try to contact the statesman journal about what was going on. i didn't know that Bonita Tucker had gotten charges or was going through court. the remarks the staff made during this period tells me that the staff knew and were trying to hide what was going on so that no one found out about any of this. they were trying to hide this information from the judge in her case, and I think the DA was involved. the DA would have had full knowledge about everything going on at OSH, including the technologies abuse.

the motivation for hiding this, preventing any criminal allegations being brought over the Jeff Hodson assault, or other abuses occurring, was that they would find evidence of the technologies use at the hospital, the spying, and long term abuse that I had been enduring. OIT helped cover up the assaults that happened with medication, and Jeff Hodson, and hid my case from Bonita Tucker's trial to prevent me from getting help.

so again, after these events, in August of 2008, they used this weapon on me to try to kill me. flooding my body with microwaves, I hear the message "like you spy for the statesman journal, DeAnn Major spys for the CIA" and "you're being set up to look psychotic". photons flooded my body, my body began to swell up, and I had a 170 pulse. my body started to convulse, and I went into shock. my eye balls, esophagus, etc was pulsating, whipping around inside me. staff members were outside talking about on the unit how I was in a coma that I wasn't ever going to come out of.

I began to be fully violated, and controlled remotely. I was being set up to look psychotic to hide what happened. they were using this weapon to beam multiple things into my mind, and body. they had full access to do the following: beam audio, video, dream simulations, sensations, and other things directly into my nervous system. they could monitor all these things, extract all my thought, dream, they can tell exactly what I was thinking, and the computer basically automated it's interpretations of all this for them. they could heat and chill my body, push and move my tissue around, simulating massage, putting sensations on my face, genitals, etc.

I was being verbally harassed and abused. The messages I was receiving were automated, and came in and about depending on where I was and what I was going. for example, if I sat on the toilet, trying to use the bathroom, and - I was injured now, I couldn't poo, my muscles had jammed up, and my bowels became dry, they'd say "he just likes to sniff his own farts". and when I got around females, I'd feel a little tingle on my balls, and it would say "why do your balls swell?" I heard automated messages saying I had been "synched" as a "sexual predator". they'd say "we're getting tired of staring at your anus" while I was laying in bed. I couldn't hardly read and write, I was in shock at this point. they played games that DeAnn Major wanted to help me, that she wanted me to have my own group home and 16.4million dollars "unstructured settlement". this was an

"unstructured settlement" they said, if I wanted a "structured settlement, I had to hire my own attorney or call Disability Rights Oregon. she was waiting for me to call, she was going to be my special advocate, and help me uncover what had happened. I received messages when my eyes were convulsing, she must have been in shock, they said "if your eyes stop convulsing, she'll come have sex with you" - they tried to make it sound person. they were trying to force me to be with her.

"she's very sorry she did this to you, she wants to help"

they wanted to synch the "marriage between us" so that we'd be together forever.

okay.. so she knew what was going on, and never helped me. some more conversations happen on camera, she knew things I was saying and responding and doing about the abuse. she used words, they knew everything. They knew that they were playing sound to try to make me feel sad and hopeless, Dr. Newton used to talk and help me describe exactly what I was going through. he was one of the doctors in control of what the system was doing to me. They said I had bad dystonia, and they wanted her to help get me a Swedish massage when I got out, she would come right away to help, and I'd get transferred out of OSH. a Swedish massage is one possible treatment for dystonia and muscle problems like I now had.

They began to simulate massage on me, to try to cure my dystonia. I was literally swollen tight, very stiff, and my muscles were buzzing and moving around from the shock, which they still do at times today. they were drilling at my muscles, trying to get the muscles to slow down, by December 2008. I felt this energy, massaging me, any time I laid down, or sat. they could track and do things to me as I moved, but it wasn't as powerful or accurate. i laid for months at OSH going through this in my room, they said I was now too "diseased" to get released from OSH, but it would be my "right of way" if I ever "stopped it". they said I'd get everything I ever wanted.

they were working on trying to fix my muscles and body in secret, a type of experimentation. if my muscles stopped moving, and when they were done, they'd help me, i would have proven what really happened. I never got help, and I was really being set up to look mentally ill. I was being mutilated with this energy manipulation, my muscles got harder and stiffer the longer they did this to me. now i cannot move most of my body.. I am badly hurt.

okay, so after two years go by at OSH, I get released, my time under the board is over. I was illegally civilly committed to cover up what happened, many abuses occur. I was being remotely controlled and abused the whole time at OSH, and staff members at POSH had access and participated in this entire plot. they knew i was being hurt, denied medical care, and that they were pretending I was mentally ill to hide all this. i went along with it, it was meraculous that I had the ability to even try to get out of OSH. by pretending to go along with what they were doing, I was going to get free. I got my own apartment, and I was going to get off the damaging drugs they put me on, and try to prove what they did to me. I always expected I was going to be rich, at least I deserved justice for what they did to me. I was followed into the community by people, under cover agents, CIA / FBI. state personal, all local agencies in Eugene/Springfield participated. local cops, Springfield Police, the DA in Springfield Dave Logan. they also somehow got my attorney's, Maragett Megenis and Jessica Saydack, Public Defenders to participate. they worked with what was going on to hide it, I got in trouble twice because of harassment from the technology and police. these public defenders were helping the state behind the scene to keep it secret.

I was followed every where I went, I heard finally in December 2010 what this technology is called. I had previously researched it, looking up "police spy technology" and crap, and finally I found a hit.. on the Wikipedia Brain Computer Interface Article, a reference to the military developing "synthetic telepathy" . I was amazed, I found references to silent sound, ultrasound, and electromagnetic weapons systems for covert mind to mind communication. ultrasound based versions exist which don't interface with the nervous system directly, but which beams sound and noises directly into a persons ears. ultrasound is also used to manipulate objects, see and hear and scan through walls. so is infrasound and electromagnetic imaging technologies. terahertz waves are thought to be the non-ionizing radiation involved in remote brain scans, and building / object / particle scanning, because it's just in the right frequency range, according to Dr. Carole Smith, a PhD psychologist in London who has written white papers about the technology. there is a website called mindjustice.org which is a website ran by a United Nations non-lethal weapons expert named Cheryl Welsh, all about the human rights violations involved in electromagnetic imaging and mind control weapons technology. There are laws in Russia banning the technology, patents in the United States owned by the US Air Force, and a US law called the Space Preservation Act which would have banned these weapons, but it never came up for a vote. Originally written by Congressman Dennish Kucinich, brought up in the US house 3 times, never came up for a vote.

There is tons of information out there about people being victimized and remotely controlled, see all the links, including the Washington Post article Mind Games on my website: <http://www.oregonstatehospital.net/d/story.html#links>

Okay, so every one in town knew, the police across Oregon knew who I was, every where I went, police knew .. they apparently have this top secret spy and mind control technology, they use it for covert mind to mind communication, they use it for spying, and they use it for remote human sabotage. there is not a police or government agency that doesn't rely on it, or know it exists.

The Governors Office, Military, FBI, DoD, CIA, NSA, they all use it. in fact, the NSA calls it Remote Neural Monitoring and Electronic Brain Link, and the disclosure of most of the systems mechanics, attributable to the NSA Whistleblower Russell Tice, can be found on my website, here, in the Chronicle Article from May 2006:
<http://www.oregonstatehospital.net/d/russelltice-nsarnmebl.html>

Springfield police were engaged in harassment, they had access to all the information about what was going on in my apartment. they knew I was being abused, kept sick, and they had arrangements with many private entities around town to help keep it secret and in control. many private doctors and places participated, including Peace Health Medical Group/Riverbend/Sacred Heart Hospital, RiverStone Medical Clinic and Dr. Karen Woodson, Lane County Mental Health, McKenzie Willamette Hospital, and Laurel Hill Center. The state hospital had to find places that would take me in and cooperate with what was going on, this was no secret.

At Sacred Heart, they framed me to look mentally ill, fake injected me with GPS, and did things to try to make me sound and look paranoid. they botched two blood draws on purpose, and refused to provide medical tests to back up or show what was really wrong with my body.

They knew me even before I arrived, and they seemed to know what had been getting said and done inside my head, and was going on in my apartment, and at my grandparents, before I arrived. no we didn't call ahead, they were getting this information, because the people following me everywhere, the technology, they were fully participating, and knew about it. they had access to my thoughts and what was going on while I was at the hospital. for some reason, local hospitals, and many doctors, have an incentive to protect the US government and work with the CIA/police behind peoples backs. what I also think, is that most hospitals have very skilled and savvy doctors, who on the side, benefit from the research and development the government offers them, and they wouldn't expose any program sensitive to the government if given an opportunity to work with it. this is why the hospitals would deliberately misdiagnose, refuse medical care, to lie about some part of what happened in their facility, or while discussing complaints about technological abuse if you went to them for help. they probably have had access to knowledge about the police technology from the beginning, and work closely with the government behind the publics back are a routine basis.

so my problems were just beginning in 2011, all this was on going on. i was being remotely controlled, having my mind and body flooded with radiation, i had chronic muscle disorder, inflammation, swelling, dehydration. damage to all organs, damage to brain, eyes, heart, ears, etc. I was making complaints about the police and refusing to work with them, I sent emails to the FBI asking for their help. I was then given dreams about the FBI and Obama, he was directly aware of my situation, using this system to control me. I was the unwanted boy in the Whitehouse with muscle problems, tardive dystonia, etc.

I was being set up "because you lied". "you're going to prison"

etc.

long story short, I had went into isolation, couldn't leave my house. people on the bus followed me, I received harassment from LTD bus operators, who helped and were participated with the gang stalkers. they knew who I was when I got on the bus, and what was going on, and I saw interactions between the agents and the bus operators that upset me. basically. i had to stay and get away from what was happening. I was entrapped, and stuck in their web of lies. On March 13th, 2011. I complained to my grandfather who was involved, much the same as Laurel Hill Center was involved. They were doing this all in secret behind my back. I asked him why he was letting me die, I told him I was being destroyed. that I needed medical care. he got upset, and left the house, and went to his buddies at the Springfield Police Department. They had told me family that if I accused them of doing this, to just go to the police department, because they had the authority to respond and control me legally. They had arrangements with the Springfield Police to do things to me, to keep it secret, and to not respond to my complaints. Harassment and bullying from the Springfield Police had done on for some time. Let me put it like this: no one would compromise the mission, and no one would ever admit to committing crimes like this against another person. These energy weapons devices, were designed so that the police could engage in illegal behavior, from the electronic surveillance, to the torture, rape, and sexual assault and physical assault and harassment they could do to an individual in secret. They were using them for it's intended purpose, to get away with crimes against a person, and no one will ever admit to using an energy weapon on person.

So the Police come out, and I know they know what is going on. I observe them both, an officer Grice and Bazates using synthetic telepathy with an FBI agent on the other side, the guy apparently in charge of doing what was going on to my body, running all the dream simulations, setting up the themes, coordinating what was going on. I knew they would not admit to it, so I stayed quiet. Then the officers jumped me, I tried to cooperate, but they were beating me, holding my hands above my head, while each one took shots at me, hitting me in the face, breaking my nose, teeth, etc. My grandpa says he watched them beating me with the flashlight. I fell off the bed after Bazates jumped on me and shoved me across the bed, where I lay in a crack, unable to move, both officers punching me, knowing that no one was going to help me because of the technology and protection they had. It was a set up to teach me a lesson, and to hide everything that had gone on. Both officers have ties to the CIA/FBI.

The Grice actually had ahold of both my hands with his own hands, bound them together, while he reached down and punched me in the face, and allowed Bazates to do the same. In his police report, he documents several things, including that I assaulted them first, and that I tried to get the officers Bazates gun. that is 100% false, and how could that have been true if Grice had held both my hands above my head? my grandpa was in the door way witnessed the whole thing, and I have the video and audio recordings of his recount of what happened on my website.

They kept shouting, "stop resisting" even though I wasn't resisting, and it seemed as if Grice was trying to make it sound like I was doing something else even though I wasn't, just to hide and back up what his partner Bazates was doing.

I was taken to McKenzie Willamette Hospital, where I overheard Grice talk about his supervisor immediately telling him he had "been too rough, and done it again". Grice had been in multiple heavy assaults on citizens recently, and this was just his latest out of control assault. I overheard him discussing FBI Agent Roberts, and acting like he knew everything I was thinking and doing in the hospital. he kept approaching me, because I kept thinking about telling Grice about the technology, but I was sure I should just wait for my attorney. They were probably hopefully they could get a couple of statements for the record to frame me. I observed him using synthetic telepathy in other ways, and receiving covert communications in his head about what was going on, and what to do with me.

At the hospital, I overheard staff participating with the officers, helping them do this. I heard the officers talking about what was going on, being said in my head. they knew the terms. "he's never going to stop it, he's too diseased" while laughing and making fun of me. I was taken to Lane County Jail, where.. the jail was in the control of the CIA for 2 years. I was abused in my cell, forced to ejaculate with microwaves, penetrating genitals, heat waves, massaging me, nerve stimulation making me feel the emotion and sensations of a girl touching me. they know the orgasms cause further injury to my muscles, so they did it over 300+ times, trying to keep me incapacitated. hurting my brain, reinjuring me every few days. they called it "GEI sound" I was bombarded with sound and radiation in my cell. the guards were helping harass me, calling me names, making sounds on purpose, and they knew things they shouldn't have about me, things that were being said and done in my cell. they were linked up with Electronic Brain Link the whole time, fully cooperating in the cover up, trying to help make me look and sound mentally ill. they refused to investigate any crimes I reported, and the jail medical staff also cooperated, helping by denying medical care, while I was abused and slaughtered in my cell. I had high CK in my blood of over 700, something I was told only happens when you have bad brain or muscle damage. the only thing that was going on was the abuse with microwaves, and this remote control system hurting me on purpose. I received messages like "eat each assault," and "die faggot" and "you won't be safe anywhere you go, the sheriff's association and police union will get you". I was also beat up and assaulted unprovokedly by two deputies for making the statement that they should "ask someone before they rape them". other inmates witnessed it, and they nearly broke my arm and neck while roughing me up, throwing me around during a room transfer. I was placed into segregation for something they did, because I refused to drop my claim, before being released a day later.

I know I have bad damage to my muscles, that can be backed up with a PET SCAN/MRI/EEG. possible scar tissue build up from repetitive microwave injury, swelling to tissue from 24/7 bombardment, things being done to dry my body and tissue out with terahertz waves and radiation, very bad constriction and tightness, pain and burning all over my body. fucked up cloudy vision, hearing loss, pain in my heart, brain and nerve damage. i have lost what was a 10% healthy body...

I was forced/coerced into taking a false plea because my attorney and the judges in Lane County refused to help me, they weren't investigating it, or providing medical care. On 6/6/2013 I was released, but remain in control of these people with this weapon. I am being abused at my grandparents house, literally living in an electromagnetic field, having my body and brain messed with all day. I am hoping to get help, medical, and legal help. I am asking for a full criminal investigation, by the Oregon and US Attorney's General's Office.

I am being killed, having my body completely mangled, they reinjure me every few days and are keeping me sick. I am being denied medical care, and am in a state wide black hole, I have no safe place to turn to, cannot get medical help... or legal help. There are many State Police involved, Scott Tucker at OSH, was working with the CIA/CIA Inspector General. He was helping to cover up my abuse, told me he didn't care if I died when I told him I could die if he didn't help me.

They will not incriminate themselves, because they may get the death penalty if exposed. They are armed and very dangerous, and I am talking about this mind control/remote human sabotage weapon. They have full control over the legal system, police, and judiciary system. There is corruption state and federal wide. It is going to take a grand juries investigation into the Federal and State governments use of these weapons.

A starting point for evidence, is tracking down the security footage from 2008 at OSH, when all this first started. and if a judge could be convinced, or if there is a way to force the federal government to disclose information about it's energy weapons and mind control technology, there is going to be computers and technology, the actual smoking gun, being hidden by the police and government. it has software on it designed to automate torture and maiming of a person, it has software that records and stores information on peoples thoughts, and there will be logs of my abuse, and who all had been around or used this system to hurt me.

there may be other evidence all around. it is possible that the government should force the police or government agents into taking mass polygraphs, even at the governors and Presidents level. the police already have polygraph systems in place, and due routine polygraphs of officers in criminal investigations and for the purpose of employment verification. we should start with having Portland/Eugene/Salem FBI officers take some polygraphs to rule out their involvement in this plot and cover up, and there are similarly multiple State, Springfield, and Lane Police/Sheriffs who should also submit. Grice, Bazates, and Sheriff Thomas Turner should all be forced to take a polygraph, because they are never going to doing this. The corruption runs deep, and they would rather kill me or let me die than let any of this get exposed.

I am asking again, for a criminal investigation, to find proof that this happened. so that I can avoid death, and get the justice I deserve. I also need bad medical care, and protective custody from the US and Oregon government.

Todd Giffen
405 W Centennial BLVD
Springfield, OR 97477
541-321-0010
case@oregonstatehospital.net

My website with more details about my abuse and this technology is at: <http://www.obamasweapon.com/> or <http://www.oregonstatehospital.net/>

finally, here is another copy of a PDF i have on my website, which may have more detail, or not, about my situation:

So how come the ACLU isn't investigating the use of illegal remote brain computer interfaces and remote bioelectromagnetic imaging and manipulation technologies? this is the backbone for the US intelligence system, monitoring of brainwaves, radio waves produced by neurons. imaging each neuron and it's radio signal individually, a computer can piece each signal together - every neuron like a pixel, storing and communication it's message via radio waves, which can also be read from afar. They can see what people see, hear, think, explore their memory, nerve impulses, memory, dreams, motor control, and monitor them any place they go. it also does remote nerve and brain stimulation. fully capable of beaming audio, images, dreams, sensations, and other effects directly into the mind and body of individuals. police are linked up and using it for covert communication, to spy and tap into peoples brains and minds, and for the purpose of secret torture, and remote human sabotage. because the ACLU is ignorant and not doing anything to investigate this, along with media, and most of the public, the US government gets away with thousands of experiments, rapes, and secret murders and torture on a regular basis. There are countless websites which document this, and experts on the technology. there are articles in the Washington Post about it, sites like mindjustice.org who are operated by experts listed with the United Nations, and still everyone just sits on their ass when they get reports about abuse. my website itself, obamasweapon.com has a nice article about the NSA and Remote Neural Monitoring, and their Electronic Brain Link system, and it's capabilities. still everyone keeps their heads buried deep in the sand, like they don't even bother to pay attention to the remote electromagnetic capabilities of the US. they use this system on people, .. and buildings? yeah, did you see how there is all that evidence that supports the fact that the World Trade Center didn't collapse, it was taken down with an Electromagnetic Weapon that turned the whole thing to dust? You know that means, they must have this technology deployed it space, and it seems very similar to the system people have been getting reported with being targeted with for mind control and secret injury and abuse. The website with details about the WTC being destroyed with microwaves, all the burnt cars, and way the building shaved away, is at: www.drjudywood.com My website also alleges that I caught the staff on video/audio tape at OSH in 2008, during the US DOJ investigation, discussing the technology that was outside of the building, being used to spy on me. I was assaulted, beat up, and set up, all of it recorded by the hospitals security footage. The staff discussing the states lack of liability insurance and Bonita Tucker scandal, a staffer who the state protected when she was caught in a scandal when she sexually abuse me, helped multiple patients escape, and smuggled in tons of drugs, marijuana, morphine, and amphetamine. The staff used this weapon, along with the CIA in 2008 to set me up, attempt murder, torture, and experiment on me. It is a global weapon that can see and hear through walls, track people where ever they go, and can be used to remotely invade their minds, homes, and bodies. The police all over have access to it, and it's

bigger than anything the ACLU has been trying to track down. I suggest you dip shits read and stop focusing on the useless shit you guys are currently pursuing. there are much bigger things than PRISM out there.

<http://www.oregonstatehospital.net/d/russelltice-nsarnmebl.html>

This is Obama's Secret Weapon, and I am his personal torture victim.
<http://www.obamasweapon.com/>

Who am I? Todd Giffen
405 W Centennial BLVD
Springfield, OR 97477
[541-321-0010](tel:541-321-0010)
case@oregonstatehospital.net

I am living in an electromagnetic field thanks to the FBI and US DOJ.

complaint about: Eric Holder, Jr., US Attorney Amanda Marshall, US Attorney's Office Portland, David Deutch US DOJ Civil Rights Division, Robert Koch US DOJ Civil Rights Division, Civil Rights Division, FBI Portland, FBI Salem, FBI Eugene, FBI Agent Roberts, and FBI Agent Suttle, others. Possibly US DOJ OIG office, who received many complaints.

titles: US Attorney General, US Attorney, FBI Agents, US DOJ Inspector General Misc.

where they at? Portland, Salem, Eugene, Washington DC. Others

Oregon, Washington DC.

where did the abuse occur? 97477, 97301, 97402, 97242

United States

Salem, Springfield, Eugene, Portland, All over as I travel.

Oregon, Nationally
how long has it been going on? 2007-2013 and ongoing.
who's the complaint against? US DOJ OIG, US DOJ Civil Rights Division, FBI, US Attorney's, US Attorney General

who else did I contact? nsa oig, 5 different fbi offices (portland, seattle, san francisco, washington dc, newyork), whitehouse, governor kitzhaber, state police, oig of department of defense, oig of us doj civil rights and oig of us doj other departments.

Dear xxx,

Name is Todd Giffen. Sent many emails, and left details of my abuse by the CIA and FBI here in Oregon on the attorney generals voice mail, OIG office, OIG email and also forwarded emails to several FBI offices over the last year, no response and dealing with system wide abuse; along with the state of Oregon, and local police. They have some top secret technology, which was used on me to spy on me, simulate psychosis, and injure me. Sure you have heard of psychotronic weapons, synthetic telepathy, remote neural monitoring, and electronic brain link? These are computer systems which use remote imaging techniques to read neuron activity from afar; a computer decodes brain signals, tracks many thousands of people at once, and it can be used to peer into peoples minds. see what they see, hear, think, feel, remember, dream, monitor all neuron activity from afar. it is a machine which does remote monitoring of radiowave energy, and it can also do whole building and structural fMRI. they have a light gun array which allows them to image whole objects, humans, buildings, and more; and it also does remote nerve and brain stimulation. it can use microwaves to

manipulate individual neurons to stimulate brain function, it can be used to send signals into peoples brains and bodies, computerized images, sound, dreams, etc - full remote control is possible. officers and government officers can use it for covert communication, spying and torture. the US DOJ and state of Oregon was using this to spy on me in 2008 at the Oregon State Hospital, during the US DOJ investigation of whether the state hospital violated patient rights. I was caught up in a scandal which the state was covering up, because of the states lack of liability insurance. It included the illegal use of this weapon to access my mind and track me around the hospital, which staff used to abuse and harass me over; they knew everything I was doing, thinking, and making fun of it all; the scandal I got caught up in was the Bonita Tucker staff member situation; she was a staff, she sexually abused me, lied about it, and the hospital covered it up, literally refused to protect me, and let the union members do what they wanted to abuse me. my release was sabotaged, and the doctors framed me to look psychotic, abused me with drugs, and mutilated me. a year after I told the truth about this women, she was caught smuggling in large amounts of marijuana, had another romantic relationship with a patient, helped him and another patient escape, and caused a big scene there at the hospital. the two patients were David Anderson and Gino Puglisi. The state didn't arrest this staff member, and many staff members were involved and implicated; however, the staff let her resign, protected her along with all the other staff. I became a target of deliberate abuse, and this meant the spying and other abuse; they had recordings of me masturbating through the walls, for example. They were linked up in secret, receiving communications with their minds, it allows coordinated state abuse, and cover up to occur. The staff discussed this technology once on a unit with camera and microphones, they had "something outside of the building that was able to focus on just him" - I was assaulted by staff on camera, and other serious abuses occurred. They referred to this surveillance as a "live wire" - possibly court authorized. Was it really authorized, or was it some unapproved form of surveillance? Because they seemed to know that it was illegal; they were freaking out that I was going to hire a lawyer. But they sabotaged it. They were not allowed to medicate me, they abused me with medication on purpose. My outside doctor, Dr. Suckow was protecting me from OSH; he said I had only ADHD and depression, and no history of psychosis or other disorder. OSH was trying to frame me to look paranoid over the situation, and they got away with it. I heard many conversations on 48B, staff saying to "get him into restraints at all cost" and after ramsacking and stealing some legal paperwork, "why did they hide his case? they think the state lacks liability insurance, and the judge already made his decision, and the notes are too incriminating" - they stole the notes and refused to give them back. Everyone at OSH knew this was going on; the state police were involved, Office of Investigation and Training, the Governors Office, US DOJ David Deutch and Robert Koch, who were leading the OSH investigation, and Disability Rights Oregon, the supposed adult abuse and protection agency; everyone knew this was happening, didn't want to incriminate themselves, and covered this up. DeAnn Major of Disability Rights Oregon told me before I even knew they had technology outside of the building; I didn't believe it, I thought it was camera and microphones on the unit doing it, that "the technology exists" when I told her she could have come out and busted the staff doing all this weeks before if she would have read and responded to my email. I sent the email about all these abuses to the FBI, governors office, OIT, hospital administration, DRO, and state police - I received no response, and this is because I had no idea they were all involved in doing this. I had no idea that "technology" was responsible for the abuses that occurred, but after time I realized what was happening.

In August 2008 I tried to contact the newspaper the Statesman Journal about these abuses, the Bonita Tucker situation (she had after a year finally been given charges for smuggling in morphine, amphetamine, but the state still protected her and allowed her to lie to get out of trouble), and the spying; I was in my cell, all sorts of dates and

times on the security footage saved, and this is what happens: they used this weapon to try to kill me. Photons flood my body, and I hear them say "no one has ever made it this far.... like you spy for the Statesman Journal, DeAnn Major spys for the CIA" "you're being set up to look psychotic" - etc. Computerized sound engulfed my body, I swoll up, nearly died as photons flooded my body, I had a 170 pulse, started to convulse, and went into shock. They started to do things to me, controlling and simulating my dreams, abusing me "no body cares" "die" these were all messages that I only heard, they were being beamed directly into my mind. They called it "abusive rhetoric" and I received many messages, like when I got around females, it would tingle my balls with microwaves, and say "why do your balls swell Todd"? I was in disbelief; I knew about how brain waves traveled very far, and could be read from a distance. I figured the hospital staff, union was doing this to me, maybe had some type of rigged ultrasound machine down stairs, since it would be based on technology consistent with what they had at the hospital. well, it was something completely different, and the remote control would never stop. They can do many things with these microwaves, heat, chill, move tissue around, expand, push, pull, tickle, itch, and do other things to your body. It is no simple machine, a light gun array can paint and aim photons to wide open areas and many parts of your body or environment at once; they can image and manipulate matter, air molecules, walls, or your body and nerves. It allows many agents or staff to be linked together at once, it tracks and sees people and their energy through the walls - it is similar to EEG. It can do a lot; so, they started to experiment on me, simulating massage, trying to slow the convulsing and pulsating of my muscles. they did this for nearly 6 months, and my body was very badly mutilated afterward. swollen, rigid, stiff, I was denied medical care I needed to function or repair myself. I had to pretend it wasn't going on, staff made comments about how I was in a coma and would never come out of it, but no one could admit to what they did because they would surely end up having to close the hospital, and face criminal liability for what happened. It was going to be the biggest blemish on the face of the Bush administration, the US DOJ, CIA, and state ever - and expose serious non-stop abuse. I got out of OSH in 2010, no they never stopped doing this to my body; it was called an "unstructured settlement" but I never got the \$16.4 million they promised. In the community, I was in control of the CIA; undercover agents followed me everywhere, kept using this on me, and sabotaged and controlled my life. This is called gang stalking when agents follow a person around and target them; but in reality, I was in their pseudo prison, and these were agents and guards keeping me in control. All local infrastructure was involved; local Springfield Police, the hospitals, and my doctors; they worked with the CIA behind my back to hide my medical condition. I was given dreams by Obama, I was the boy in the whitehouse with muscle problems, that no one wanted there; everyone hated me. there was talk about me getting a medal, I think I have no idea, the medal of freedom. they showed it to me, the dreams were designed to stimulate and repair my brain, because I had lost the ability to dream naturally. I was being experimented on and tortured at the same time. I was eventually set up and beat up by local police, they had been harassing me over this. An FBI Agent Roberts was in charge; the local police knew the term "psychotronics" and quotes from my friends on Facebook; they knew everything that was going on in my house, everywhere, everything that was happening with the technology. The sexual abuse, etc. I would be in my apartment yelling at them "it was your responsibility to get my medical care" "you did this, you should have taken me to a doctor" - they responded "if you don't remember, it didn't happen!" - on the streets, I saw anger affect on the people following me. A man agent follows me to the bus station, is there after I get back from a trip; he walks by anger aggressive face, and zips his lips closed; no one was going to talk or help.

I was eventually brutally beat by two involved cops, in front of my own family; my family was also involved, the CIA went to them to find out more, the CIA would use my family to pass messages, and everyone

was controlling me; this place called Laurel Hill Center, the city, local hospital; everyone was participating, having secret meetings and communication about this. The two cops lied about the incident, my grandpa witnessed it and stuck by me, they beat me up and said I did it; I was sent a message months before, these people hated me, were ticked "you lied, so you're going to prison" - they were harassing, abusing, and assaulting me, and I couldn't stop it. they hoped I would get caught in a situation and get sent to prison, where no one would help me. I fought the case for two years, till it finally ended. In jail, they raped and hurt me over 300 times, sexually abusing me with microwaves, forcing ejaculation, over and over; the deputies were linked up at Lane County Jail, aiding in my abuse, and the cover up. Lane County Sheriff Thomas Turner; I was being slaughtered in my cell with microwaves. Sound and other abuse, 24/7 "eat each assault" they'd say "you won't be safe anywhere, the sheriff association and police union will get you" - with microwaves, they can simulate your genitals, put female images and 2D screens in your mind, and make it feel like female energy in your body. You can get up but the energy tracks you and they can tickle and do other stuff to your body; they had the goal to incapacitate me and prevent me from talking. The orgasms were designed to hurt me; each time my muscles jammed up, caused brain and bodily injury; they knew that orgasms had gotten screwed up from antidepressant abuse after they started this; they prescribed improper amounts of antidepressants to hurt me, knowing I wasn't mentally ill, and that this was real. now each orgasm causes a severe dopamine response, similar to dystonia - muscles jam, body dries out, pain and swelling all over, burning and stinging, numbness, damage to organs, eyes, ears, and more. They then use this microwave machine to try to dry my body out and hurt me, simulate massage and other simulate that hurts me even worse. and they won't stop, every few days they do it again. I had high CK in my blood, over 700 that can only be severe muscle or brain injury; the jail and OSH was refusing medical care, pretending I was psychotic to hide it; I tried to get an MRI which would have proven injury inconsistent with microwave exposure, but they were all working together, hiding it, the jail wouldn't do any kind of medical tests to prove or disprove injury, and they were protecting the CIA and deputies the whole time. I finally saw my own MD in April, Dr. Hardt, who diagnosed me with obvious post concussion syndrome, brain stem damage, and messed up muscles. Each orgasm causes concussion like damage, squeezing of my brain, blood flow and blood pressure gets really high - I was being tortured badly. I took a false plea deal to get out of jail, now I am trying to get medical tests to back it up. I am living in an electromagnetic field, they are still abusing me and my body, and won't stop. I need you help, this has all been done before. The NSA has been sued for using electromagnetic fields on people before..

Please, I need your help ; there is no protection in America from this - NSA Whistleblower Russell Tice has exposed from of the system. He specializes in satellite and other spy systems and he was I believe responsible for some of the leaks on Remote Neural Monitoring, Electronic Brain Link, and Remote Brain/Nerve Stimulation. I believe that PRISM and these other spy programs are a joke; that the US Government is monitoring every square inch of US soil, every person, watching and spying on what they're doing in their homes, and is able to monitor all their thoughts and brainwaves from afar. Everyone is being monitored, and no one wants to expose what's happening - police have this technology everywhere, and it's wide spread; the abuses are wide spread. We need someone to investigate this, and pass a law to ban it; the Space Preservation Act by Dennis Kucinich would have banned it in 2001 - from Space, Land, and Sea use, information weapons, psychotronic weapons, energy weapons which injure or effect a persons mental health from afar, or weapons which allow remote brain invasion or spying to occur. These are "information weapons" - Russia has a ban, the US refuses to do it. And because these devices are so clearly illegal; they get used in secrecy only, because no one can know about their use - otherwise the public might stand a chance to sue or shut these systems down. There is an article on the Washington

Post, called Mind Games, and I think this system is behind the torture and invasion of many thousands to millions of American citizens; it's very similar to the old MKULTRA program.

please take a look at my site and respond, I need help before I die.. I have evidence, video and audio from OSH in 2008, police and government agents can be polygraphed, and there are many people in town who if they were talked to they might be forced to disclose what has been doing on. they all worked with the CIA to do this, hide it. my injury is also consistent with microwave exposure, and no other explanation exists. please.... help. Massive Senate Investigation, lets make America better for everyone, and restore power to the constitution. Government agents only get power because the constitution grants them power, and if they ignore the constitution for everyone else; then they don't deserve the power they have, and we didn't authorize anything they did. It's like they're operating in a whole other world like only the government matters, and government crime doesn't matter. Government crime is the worst, because it's more serious than any other - it hurts people, people get assaulted and set up, and they have no protections.

my website is <http://www.oregonstatehospital.net/>

More links about these abuses at <http://www.oregonstatehospital.net/d/story.html#links> - Look up MindJustice.org, the Space Preservation Act, Research into Mind Control by Dr. Carole Smith, Citizens Against Covert Surveillance and Abuse, and the many other links about this. I consider myself a semi expert on this at this point, but I am badly injured, beaten, brain injured, and they won't stop and let me heal. if I could heal, I could do good, and tell you more about what they did, and what needs to happen to prevent and improve the situation. please try to get a criminal probe into this by someone impartial, and do a full Senate probe too - please I deserve to live!! I did nothing wrong to get targeted like this.. I was a innocent person, just needed help in life. I wasn't mentally ill, dangerous or a criminal; I needed to go to school and get involved in life again, they completely took over and ruined everything.

Here are my best links about this issue:

Mind Justice is a humans rights group with a lot of information about this technology and this problem. They have books, citations, newspaper articles, original research, interviews with doctors and neurologists, info on the Russian laws banning this technology, etc.: <http://www.mindjustice.org/>

Dennis Kucinich's bill Space Preservation Act, 2001, 2002, 2005 would have banned or prevented the use of this system. But the US government went against the world, and the bill was derided and never came up for a vote when proposed on 3 different occasions. It details the use of ground, sea, and space based information, psychotronic, electromagnetic and other weapons which can be used to torture, simulate psychosis, read and steal thoughts, and more. Officially, the rest of the world was scared in 2000 by the idea of "intellectual property theft" and information terrorism, so many countries riled behind a ban. Russia is the country with the greatest and most public work done in this area, and there are a few others. The US refused to comply with any sort of treaty, apparently because they saw value in maintaining and having access to this technology. The bill is comprehensive: <http://www.fas.org/sgp/congress/2001/hr2977.html>

Mind Games is an article in the Washington Post about victims and targets of abuse like this: I believe a good amount of these people are legit, the government is seriously targeting more and more people with this every day. And the targets are forced to live with it,

because no one will do anything to stop it. The deal with the government, is that everyone is already involved; the police and FBI don't act to enforce the rules or law because they're already involved and using this technology everyday themselves. They won't expose a critical part of the system, or any crime they've committed by using it. I am the governments scapegoat for trying to expose this.. at OSH I caught the state/US DOJ/CIA using this on me, on camera with audio recordings in 2008, during the US DOJ investigation. They neutralized me, attempted to murder me in my hospital bed with this weapon. Since I have been followed by undercover agents everywhere, they are using this weapon on me, and everyone's involved. Local police, sheriffs, state police, FBI Agent Roberts is the name of one guy in charge. I have very badly damaged brain and body, and I sit in an electromagnetic field, an unlawful prison, for going against these people. Please help..

<http://www.washingtonpost.com/wp-dyn/content/article/2007/01/10/AR2007011001399.html>

Dr. Carole Smith, using light invasive technology to read brainwaves, invade and control the mind: She's an expert on mind control, and psychiatric malpractice, and has created a whitepaper on the need to revise the diagnostic criteria for psychosis. Psychosis is a diagnosis the government hides behind when they target or torture someone. Basically, all the effects of psychosis can be simulated with a weapon, and the diagnosis currently lacks clarity or insight into what these weapons are or what psychosis really is, which means when abuse or a government weapon is involved, it is too easy for a person to receive a false diagnosis which makes it easy for the government to hide abuse, or neglect or hurt a person:

<http://dandelionsalad.wordpress.com/2007/12/13/intrusive-brain-reading-surveillance-technology-hacking-the-mind-by-carole-smith/>

The NSA article below in a PDF:

<http://www.oregonstatehospital.net/d/russelltice-nsarnmebl.html>

Is the NSA Conducting Electronic Warfare On Americans?

Jonas Holmes May 19, 2006 CHRONICLE ARTICLE

Russ Tice, former NSA intelligence officer and current Whistleblower, was to testify before the Senate Armed Services Committee this week. Apparently the testimony, Mr. Tice wanted to give, makes General Hayden's phone surveillance program look like very small potatoes. Mr. Tice's testimony is expected to reveal further illegal activity overseen by General Michael Hayden which even loyal and patriotic NSA employees view as unlawful. I think the people I talk to next week are going to be shocked when I tell them what I have to tell them. IT'S PRETTY HARD TO BELIEVE, Tice said. I hope that they'll clean up the abuses and have some oversight into these programs, which doesn't exist right now. According to Mr. Tice, what has been disclosed so far is only the tip of the iceberg. What in the world could Russ Tice be talking about! To figure it out let us take a look at Russ Tice's work at the NSA.

According to the Washington Times and numerous other sources, Mr. Tice worked on special access programs related to electronic intelligence gathering while working for the NSA and DIA, where he took part in space systems communications, non-communications signals, electronic warfare, satellite control, telemetry, sensors, and special capability systems. Special Access Programs or SAPs refer to Black Budgets or Black Operations. Black means that they are covert and hidden from everyone except the participants. Feasibly there would be no arena with a greater potential for abuse and misuse than Special Access Programs. Even now Congress and the Justice Department are being denied the ability to investigate these programs because they don't have clearance. To put it in CNN's Jack Cafferty's words a top secret government agency, the NSA, the largest of its kind in the world, is

denying oversight or investigation by the American people because investigators lack clearance. To add a layer of irony to the Black Ops cake this travesty is occurring in America, the supposed bastion of Freedom and Democracy, which we are currently trying to export to Iraq.

It just gets scarier. The Black Ops that Mr. Tice was involved in related to electronic intelligence gathering via space systems communications, non-communications signals, electronic warfare, satellite control, telemetry, sensors, and special capability systems. For greater insight as to the impact of these programs readers should review decades old FOIA authenticated programs such as MKULTRA, BLUEBIRD, COINTELPRO and ARTICHOKE. Radar based Telemetry involves the ability to see through walls without thermal imaging. Electronic Warfare is even scarier if we take a look at the science. NSA Signals Intelligence Use of EMF Brain Stimulation. NSA Signals Intelligence uses EMF Brain Stimulation for Remote Neural Monitoring (RNM) and Electronic Brain Link (EBL). EMF Brain Stimulation has been in development since the MKUltra program of the early 1950's, which included neurological research into "radiation" (non-ionizing EMF) and bioelectric research and development. The resulting secret technology is categorized at the National Security Archives as "Radiation Intelligence," defined as "information from unintentionally emanated electromagnetic waves in the environment, not including radioactivity or nuclear detonation." Signals Intelligence implemented and kept this technology secret in the same manner as other electronic warfare programs of the U.S. government. The NSA monitors available information about this technology and withholds scientific research from the public. There are also international intelligence agency agreements to keep this technology secret.

The NSA has proprietary electronic equipment that analyzes electrical activity in humans from a distance. NSA computer-generated brain mapping can continuously monitor all the electrical activity in the brain continuously. The NSA records and decodes individual brain maps (of hundreds of thousands of persons) for national security purposes. EMF Brain Stimulation is also secretly used by the military for Brain-to-computer link. (In military fighter aircraft, for example.) For electronic surveillance purposes electrical activity in the speech center of the brain can be translated into the subject's verbal thoughts. RNM can send encoded signals to the brain's auditory cortex thus allowing audio communication direct to the brain (bypassing the ears). NSA operatives can use this to covertly debilitate subjects by simulating auditory hallucinations characteristic of paranoid schizophrenia. Without any contact with the subject, Remote Neural Monitoring can map out electrical activity from the visual cortex of a subject's brain and show images from the subject's brain on a video monitor. NSA operatives see what the surveillance subject's eyes are seeing. Visual memory can also be seen. RNM can send images direct to the visual cortex, bypassing the eyes and optic nerves. NSA operatives can use this to surreptitiously put images in a surveillance subject's brain while they are in R.E.M. sleep for brain-programming purposes. Individual citizens occasionally targeted for surveillance by independently operating NSA personnel

NSA personnel can control the lives of hundreds of thousands of individuals in the U.S. by using the NSA's domestic intelligence network and cover businesses. The operations independently run by them can sometimes go beyond the bounds of law. Long-term control and SABOTAGE OF TENS OF THOUSANDS OF UNWITTING CITIZENS by NSA operatives is likely to happen. NSA Domint has the ability to covertly assassinate U.S. citizens or run covert psychological control operations to cause subjects to be diagnosed with ill mental health. National Security Agency Signals Intelligence Electronic Brain Link Technology NSA SigInt can remotely detect, identify and monitor a person's bioelectric fields. The NSA's Signals Intelligence has the proprietary ability to remotely and non-invasively monitor information in the human brain by digitally decoding the evoked potentials in the

30-50 hz,.5 milliwatt electro-magnetic emissions from the brain. Neuronal activity in the brain creates a shifting electrical pattern that has a shifting magnetic flux. This magnetic flux puts out a constant 30-50 hz, .5 milliwatt electromagnetic (EMF) wave. Contained in the electromagnetic emission from the brain are spikes and patterns called "evoked potentials." Every thought, reaction, motor command, auditory event, and visual image in the brain has a corresponding "evoked potential" or set of "evoked potentials." The EMF emission from the brain can be decoded into the current thoughts, images and sounds in the subject's brain. NSA SigInt uses EMF-transmitted Brain Stimulation as a communications system to transmit information (as well as nervous system messages) to intelligence agents and also to transmit to the brains of covert operations subjects (on a non-perceptible level). EMF Brain Stimulation works by sending a complexly coded and pulsed electromagnetic signal to trigger evoked potentials (events) in the brain, thereby forming sound and visual images in the brain's neural circuits. EMF Brain Stimulation can also change a person's brain-states and affect motor control. Two-way Electronic Brain-Link is done by remotely monitoring neural audio-visual information while transmitting sound to the auditory cortex (bypassing the ears) and transmitting faint images to the visual cortex (bypassing the optic nerves and eyes, the images appear as floating 2-D screens in the brain). Two-Way Electronic Brain Link has become the ultimate communications system for CIA/NSA personnel. Remote Neural Monitoring (RNM, remotely monitoring bioelectric information in the human brain) has become the ultimate surveillance system. It is used by a limited number of agents in the U.S. Intelligence Community. RNM requires decoding the resonance frequency of each specific brain area. That frequency is then modulated in order to impose information in that specific brain area. The frequency to which the various brain areas respond varies from 3 Hz to 50 Hz. Only NSA Signals Intelligence modulates signals in this frequency band.

An example of EMF Brain Stimulation: Brain Area

Bioelectric Resonance Frequency Information Induced Through Modulation
 Motor Control Cortex 10 HZ Motor Impulse Co-ordination
 Auditory Cortex 15 HZ Sound which bypasses the ears
 Visual Cortex 25 HZ Images in the brain, bypassing the eyes
 Somatosensory Cortex 09 HZ Phantom Touch Sense
 Thought Center 20 HZ Imposed Subconscious Thoughts

This modulated information can be put into the brain at varying intensities from subliminal to perceptible. Each person's brain has a unique set of bioelectric resonance/entrainment frequencies. Sending audio information to a person's brain at the frequency of another person's auditory cortex would result in that audio information not being perceived. Additionally, A 1994 congressional hearing reported that nearly half a million Americans were subjected to some kind of cold war era tests, often without being informed and without their consent. In addition, experimentation law is well grounded in constitutional and international law. It is an under-reported fact that two major reports on human rights and torture in the U.S. recently listed illegal radiation experiments. Many more facts are documented below. Therefore, human research subject protections should be a high priority and are just as significant as current issues of torture and illegal wiretapping. IT IS TIME FOR AMERICA TO WAKE UP. It is time for America to protect its Whistleblowers who are our last line of defense against dictatorship and despotism. It is time for America to take responsibility for oversight of its tax dollars and elect leaders who will assume such responsibility now. Yes, the war on terrorism is important. It is even more important and fearful if the terrorism is from within and unknowingly funded by hard working American citizens. There is no Special Access Program beyond the oversight of political leaders elected by the people and for the people. If these political leaders jeopardize national security then that shall be handled in a court of law. But to tell America, to tell the American people, to tell the political leaders elected by the

American people that America does not deserve to know what happening in the NSA's dark, black rooms, with billions of dollars, behind closed doors, when we know that privilege has already been abused; that is the true definition of TERRORISM. That is the true definition of Communism and a Police State, no oversight. So fellow Americans, you may hem and haw in the face of truth but know that one day you will realize that your country has been USURPED from the very principles upon which it was founded.

Godspeed, Russ Tice, the Patriots are with you.

cia.txt from my website, <http://www.OregonStateHospital.net/d/cia.pdf>

Contact me: [503-967-5202](tel:503-967-5202)
case@oregonstatehospital.net

In order to view this file properly, download the file locally and open with a text editor like notepad, and enable word wrap ...or view cia.pdf

originally written for CIA, now using for submission to inspector general's office.

hey, I am curious to know if you can point me in the right direction on getting help with the use and abuse of psychotronics and synthetic telepathy here in the USA. sure you have had people contact you before about it, you yourself might not know it exists, people tend to say people with knowledge of it are crazy. psychotronics usually refers to technology that can read brainwaves, like mind reading tech. its really advanced. they can see what I see, hear, feel, detect nerve impulses, I can sort of control the machine, move sound around my body, it responds to thought, they can also see what I think, imagine, explore memory, see what memory comes up as associated with what I am thinking, or my environment and what I am exposed to. they can also do full thought control, control your emotions, broadcast thought, memory, feeling, images and video, sound and automate most of this, tie it to my responses. sound waves, energy waves, infared, microwaves and radiowaves are used to manipulate me from afar, they can also do things to my body. move tissue around, buzz, tickle, itch, tingle, simulate massage, heat, burn, chill, expand tissue, push, pull, I can hear the sound 24.7, they run dream simulations, talk to me, they repeat it over and over, its computerized, loops and never ending. it changes and is dynamic but it doesn't stop. it can mimic a lot of environmental sound, match energy, pitch, emotion, and blend in, plus sound like other people, its fully produced and rendered in real time, responds to what I do. dreams are nearly video like, produced with story boards just like movies and animation, as they have previously told me. they can encode the emotion or feeling of a thought in messages, like they are saying 'you stop it right now' but I feel the thought and feeling, they make it feel like they are saying they will say you sent it to the wrong place, .. they base the thought on my fears and side worries as I write this. it adapts in real time. they are warming my body, asshole, sexually abusing me, they have forced me to orgasm hundreds of times, they hurt me and pretend I am psychotic. I have been classically gang stalked, I guess that's just how this goes. local government, the police in Springfield OR, the sheiffs, state police, and Oregon state hospital are involved. this is where this all started, in 2007 and 2008 I was being spied on at the hospital, staff were abusive and targeting me with abuse, there was a scandal with staff misconduct, a women named Bonita tucker, who did things inappropriately with me then lied about it, said I was a stalker, in love with her, who knows what else. she then got caught in a romantic relationship with another patient, David Anderson, and brought in drugs and illicit contraband for him, which I witnessed and reported. she did this with others as well, including patient John Eastman. she eventually tried to help David and Gino Puglisi escape OSH, Gino was successful but her boyfriend and future husband got left

behind. osh let her resign rather than fire her, she was not arrested, and they tried to protect David and Bonita. I was made a target. they pretended I was psychotic, physically harassed me, let David assault me, staff threatened me and called me names, abused me with medication, made noises around me, whatever. they started to spy on me and try to control me with this technology. staff openly talked about how they had technology to track me and focus on just me inside the building, they could see what I did in the shower, my room, and knew what I was thinking and doing. they used this to abuse and control me. sometime in 2008, staff were bullying me around, hiding my grievances, kicking and banging my door, falsely documenting my behavior as psychotic, they would do the hand gesture to say 'fuck you', ran by my door and banged it, 'we're not afraid of you'. I had an outside doctor say I wasn't psychotic but had ADHD, and that the hospital couldn't medicate me without my consent. staff prescribed large doses of medication anyway, when I refused they gave me a shot, they were deliberately aggressive when they did it. I was ripped off the phone, staff said 'we don't care about your rights, noone will help you' etc. I called the superintendents office, and his receptionist attempted to help me read the policy on forced medication, but a supervising RN named Valerie interrupted her, and she returned to the phone, 'sorry, we were told not to help you' and hung up. it was deliberate and planned hospital wide abuse. staff whistled and made noises at me, eventually they used this machine to make me hear a loud whistle everywhere I went on the unit, no-one else could hear. in august 2008 they said, 'no-one has ever made it this far' and suddenly I felt my body swell, I started to blow up, sound waves was forcing my body to expand, and I went into shock. they said 'hold still or we will pop your ear'. my eyes and throat began to pulsate, they were making me smile and opening my eye lids, they tried to say it was an unstructured settlement, they played games about getting my own group home, having a social worker, tried to get me to call disability rights Oregon for help, they said I could be special transferred out of osh, a private transfer if it were an emergency, I was going to go with someone named deann major, dro paimi advocate. but she knew it was there and was letting me be abused, she participated, she knew it was happening all along. i had a 170 pulse, I lost memory and had trouble talking or acting after this, they kept screaming at me and abusing me deliberately, they would rig it to repeat everything I said or thought, I stopped sweating, and bowels got dry, muscles clamped down and I lost movement, when I tried to poop, I couldn't go, they would say 'he just likes to smell his own farts'. when I was around women, they tingled my balls and said, 'why do your balls swell'. I didn't know for sure at first, I could hardly feel anything, sound was very loud and was crazy what they did. they started to use the soundwaves on my muscles and body, drilling my inside, my insides buzzed and whipped around, pulsated, eventually my muscles got tighter and more rigid, dryer, and I could no longer move or flex .. I could hardly move or think, no one would help, and I received no medical care. they'd say your either delerius or suicidal, hid abused pretended I assaulted myself and lied about everything in abuse reports. I was being set up to look psychotic they said. I was forcefully medicated and abused with medication after this, and it hurt me even more. they kept on using this on me for the past four years, I got worse and worse. more stiff. in the last year they started to become very abusive, the local police knew what I did in my apartment, conversations I had, conversations my friends had, many people were involved, including my doctors, counselors, sacred heart hospital, the county and I was deliberately abused as I tried to get help, everyone participated and did what these people wanted. in 2011 I tried to get help, and the police assaulted me, beat me up, lied about it, falsified their police report, they knew this was happeneing and lied, I got a broken tooth and nose. in jail they started to sexually assault me, sound moves and heats, tingles my genitals, they make it feel like a female, and have all sorts of impressions and images. Jail staff at lane county jail participated, whistled, denied me medical care and made faces, cooperated with the project and spying and allowed me to be abused in secret. its very long range, at least a

few miles, fits in a car or vehicle. people trail me in cars, they used to have a theme song, they followed me everywhere, people would stop and make faces, zip their lips closed, ... in jail they started to rape me, force orgasms, it was jacking my body up. hurting me badly, I was getting stiffer and stiffer, my entire body being damaged. I lost the ability to orgasm in 2010 because of medication and what they did to me with this, antidepressants screwed it up and I became sensitive, now my muscles clamp, dry out, I go into shock, I can't move and hurt all over, i lose memory and feel pressure in my head. they do it to incapacitate me. they are saying the word 'safer' now... 'weirder now'... they say you can tell I don't have the ability to get help, please I just want to say, why would you want to exploit and hurt me like this, I am more important than this technology or these people... I didn't do anything to them or to deserve this, they set me up, they have too much control over me, this county and state is not safe but I can't get free, everyone is involved, won't help, I am restricted on where I can go by my court case. they keep raping me, my brain and body swells, face is swollen, losing vision and hearing, lots of bruising and swelling, muscles pinch and can't move so well, I need functional neurological rehab and protection from this, they will keep hurting me till its stopped.

I believe it works using a device similar to a light or sound projector, but with greater precision. it can project and focus beams of radio, microwave, infrared, and sound waves, capable of varying patterns, shapes, frequencies at different and multiple points over a 3D space. it can paint a picture and move sound and energy over a persons body like a video projectors picture moves a screen. it can target muscles, skin, my insides, move and manipulate tissue precisely. energy may focus from multiple points to a single location where it builds or interacts with other energy and beams, so it doesn't effect the spots before or after, and appears inside your body or around an object or person.

My face is numb, I feel intense pain in my head, I feel weak and burning and stinging everywhere, dizziness and sickness occurs, intense dehydration and inability to hear or recover, I am hot, in shock, I have symptoms of brain swelling and brain pressure, which can be fatal and causes damage to the brain. Can't get help..

please let there be good people on the other side of this, I know people in the CIA have this and use it, ... it can link people together and send communication between multiple targets, allow people in the field to know exactly what I am thinking and doing, you can find out anything another person knows and do things in secret to them, hurt or injure them if it was desired.

in 2008 they said 'like you spy for the newspaper, deann major spies for the CIA' . this doesn't really prove who is behind it. CIA could refer to anyone who thinks of themselves as an intelligence gathering entity, or it could mean that she tried to contact the CIA, or worked with the CIA who was operating this - I tried to contact reporters about the situation at osh, and she was portrayed as doing something similar with the CIA. at the time the USDOJ was investigating osh, perhaps resources related to this were being used as a result of their investigation. the usdoj is often associated with the use of this technology on people. the state police might have enough resources to do this, and I know they are involved, but I wouldn't be able to tell from this. in jail they called themselves the army and air force. the air force of course invented voice 2 skull technology in the 1990s. I bet this is being used across America to spy on people in secret or as part of a national intelligence program. as far as I can tell, its ubiquitous.

I can't talk so well right now, head feels tight, burns, I feel really stiff... pressure in my body makes it hard to think or talk, or act on it, there's so much more I remember, this is the best I can do. they are buzzing my anus and balls and bottom right now... I wish it would stop. please inform your top officials. I am being set up and can't

defend myself in the legal system without someone helping me, I can't get help without people acknowledging what happened, or acknowledging me being repeatedly injured.

I hope you believe human life is more important than energy weapons and human exploitation. this is automated mindless torture, rape, and mutilation of innocent American citizens. this shouldn't be allowed. we should finally write laws to address these issues and inform the public of this technology and its' existence.

The FBI has received many emails, letters, and phone calls about this, the portland office read over and every agent seemed to know me and what I said and was going through when I called. I believe they participated. When I was arrested in 2011, and assaulted by officer Grice and another guy, grice made mention of FBI agent Roberts getting upset with him for doing it when I was getting treatment at the hospital. I believe the communication between Roberts and Grice occurred over synthetic telepathy, Grice was being told what I thought and was doing, and agent Roberts was someone watching me or involved on the other side.

Real commentary from these people
'why would someone deliberately rape'
'dopamine surge'
'injectable scorn'
'shock therapy'
'masturbation support'
'why would someone deliberately injure you'
'faggot, noone cares now. Lol'
'die'

most credible sources of public information
links and shit here: <http://www.oregonstatehospital.net/d/story.html#links>

when does the media respond. when does the US get exposed for gross national human rights violations. why doesn't anyone care if the US is committing illegal assaults, abuse, mind control, and torture on Americans?

<https://theintercept.com/2015/07/28/un-review-u-s-flunking-privacy-national-security-surveillance-rights/>

[U.N. Gives U.S. Flunking Grades on Privacy and Surveillance Rights](#)



[Jenna McLaughlin](#)

July 28 2015, 12:58 p.m.

The United States scores very low when it comes to protecting its citizens' privacy, according to a new United Nations Human Rights Committee review.

The committee issued [mid-term report cards](#) for several countries on Tuesday based on how well they have adhered to and implemented its recommendations related to the International Covenant of Civil and Political Rights, an international treaty outlining the civil and political rights of all individuals. The U.S. performance in several aspects of protecting privacy was graded "not satisfactory."

In particular, the committee noted that the U.S. government failed to establish an adequate oversight system to make sure privacy rights are being upheld, and failed to make sure that any breaches of privacy were regulated and authorized by strict law, such as requiring a warrant. The lowest grade reflected the U.S.'s failure to "Ensure affected persons have access to effective remedies in cases of abuse."

The committee also expressed dismay at the U.S.'s failure to "Establish the responsibility of those who provided legal pretexts for manifestly illegal behaviour."

Last year, the Human Rights Committee [submitted](#) recommendations to the United States on areas where it could improve the privacy rights of its citizens, following revelations made by NSA whistleblower Edward Snowden that the government had been secretly spying on American citizens.

But according to the mid-term review, many of those suggestions were not addressed.

Civil libertarians responded to the report's conclusions with frustration. "These low grades suggest the U.S. has a long way to go before it is in compliance with international law," said Faiza Patel, co-director of the Brennan Center's Liberty and National Security Program in a

statement. “The Administration and Congress must take immediate steps to address the lack of intelligence oversight and restore the right to privacy in the digital age.” The Brennan Center, as well as Amnesty International and Access, had submitted reports to the committee prior to its review, pointing out discrepancies between the U.N.’s privacy policies and the U.S. law.

The U.N. Human Rights Committee Report Card for the United States:

United States of America Year of review: 2014 Add to: Board 1 First reply: 2015 FIRST ASSESSMENT	
Recommendations	Grade
5-i. Investigation of cases of unlawful killing, torture and other ill-treatment, unlawful detention and enforced disappearances	B2
5-ii. Establish the responsibility of those who provided legal pretexts for manifestly illegal behaviour	C1
5-iii. Incorporation of the doctrine of “command responsibility” in its criminal law	C1
5-iv. Declassification of the report of the Senate Special Committee on Intelligence into the CIA secret detention programme	B1
10-A. Efforts to curb gun violence including legislation requiring background checks for private firearms transfers	C1
10-B. Review of the Stand Your Ground laws	C1
21-i. Expedite the transfer of detainees and the process of periodic review for Guantánamo detainees	B2
21-ii. End the system of administrative detention of detainees in Guantánamo and in military facilities in Afghanistan	C2
22-A. Ensure surveillance activities within the US conforms to its obligations under the Covenant	C1/C2
22-B. Ensure interference with right to privacy family, home or correspondence are authorized by law	C1
22-C. Reform the current oversight system of surveillance activates	C1
22-D. Refrain from imposing mandatory retention of data by third parties	C1
22-E. Ensure affected persons have access to effective remedies in cases of abuse	D1

According to the UN’s [grading system](#), a C1 or below is considered unsatisfactory.

Reply/ action satisfactory	A	Reply Largely satisfactory
Reply/ action partially satisfactory	B1	Substantive action taken, but additional information required
	B2	Initial action taken, but additional information and measures required
Reply/ action not satisfactory	C1	Reply received but actions taken do not implement the recommendation
	C2	Reply received but not relevant to the recommendation
No cooperation with the Committee	D1	No reply received within the deadline, or no reply to any specific question in the report
	D2	No reply received after reminder(s)
The measures taken are contrary to the recommendations of the Committee	E	The reply indicates that the reassures taken go against the recommendations of the Committee

Photo of activists demonstrating against NSA surveillance in 2013.

United States of America

First reply: 2015

FIRST ASSESSMENT

Year of review: 2014

Recommendations	Grade
5-i. Investigation of cases of unlawful killing, torture and other ill-treatment, unlawful detention and enforced disappearances	B2
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22-B. Ensure interference with right to privacy family, home or correspondence are authorized by law	C1
22-C. Reform the current oversight system of surveillance activates	C1
22-D. Refrain from imposing mandatory retention of data by third parties	C1
22-E. Ensure affected persons have access to effective remedies in cases of abuse	D1

Where to find more information about this technology (that really exists; transcript below of USIS employee confirming it's existence)?

NEW! Audio snippet for validation (the actual full conversation is only available in the transcript):

[Download](#)

<http://www.oregonstatehospital.net/d/russelltice-nsarnmebl.html>

find 4+ patents there, 23+ videos, including NSA whistleblower Russell Tice saying the NSA uses space capability to target us during black operations..

Downloadable torture report : http://oregonstatehospital.net/d/torture_complaint_final-01-03-2014.pdf

Video of me talking ... sending you the latest pirated signal, from the remote locations of desolation:

<http://youtu.be/2zIt5Nl-RtE>

Who is US Investigative Services (USIS)?

<http://www.usis.com/>
[https://en.wikipedia.org/wiki/USIS_\(company\)](https://en.wikipedia.org/wiki/USIS_(company))

USIS (company)

*From Wikipedia, the free encyclopedia

Jump to: navigation, search

USIS is a private company that conducts background checks. Its corporate headquarters are in Idylwood, Virginia, near Falls Church, in Greater Washington DC.[1][2] It conducts background checks through contracts with the United States Office of Personnel Management (OPM). As of June 2013 it had 100 federal contracts, and it does background checks for over 95 federal agencies.[3] The company was originally known as U.S. Investigations Services Inc.[4] As of 2013 the company is the largest background check provider of the US government. USIS is a part of Altegrity Inc., a company headquartered in the Falls Church area that is owned by Providence Equity Partners.[4]

*History[edit]

USIS was founded in 1996 after the investigative branch of the OPM was privatized.[3] Its creation was due to an effort of Vice President of the United States Al Gore's effort to reduce the size of the civil service. The company was originally known as U.S. Investigations Services Inc.[4] It was at first an employee-owned company. Around 2000 the Carlyle Group invested in USIS and in 2003 Welsh, Carson, Anderson & Stowe committed capital to them. In 2007 Carlyle announced that it would sell USIS to Providence Equity Partners, a private equity firm, for US\$1.5 billion.[5]

In 2008 the company had about 7,000 employees with 2,000 in the Greater Washington DC area.[5] In the fiscal year 2012 the company received \$253 million for the contract work of the OPM, 67% of the OPM's contract spending for the fiscal year.[4]

*Edward Snowden background check and investigations[edit]

In 2011 the firm conducted a background check on Edward Snowden, who leaked classified documents in June 2013.[3] On Thursday June 18, 2013, a joint hearing of the Subcommittee on Efficiency and Effectiveness of Federal Programs and the Federal Workforce and the Subcommittee on Financial and Contracting Oversight, both of the U.S. Senate Homeland Security and Governmental Affairs Committee, held a joint hearing.[6] During that hearing, Michelle B. Schmitz, the assistant inspector general for investigations, testified that USIS had been under a federal investigation since late 2011, stating that it involves a "complicated contract fraud case." [6] Patrick McFarland, the OPM inspector general, did not reveal the reason for the investigation of USIS, and stated that USIS's security clearance check for Snowden may have had faults.[3]

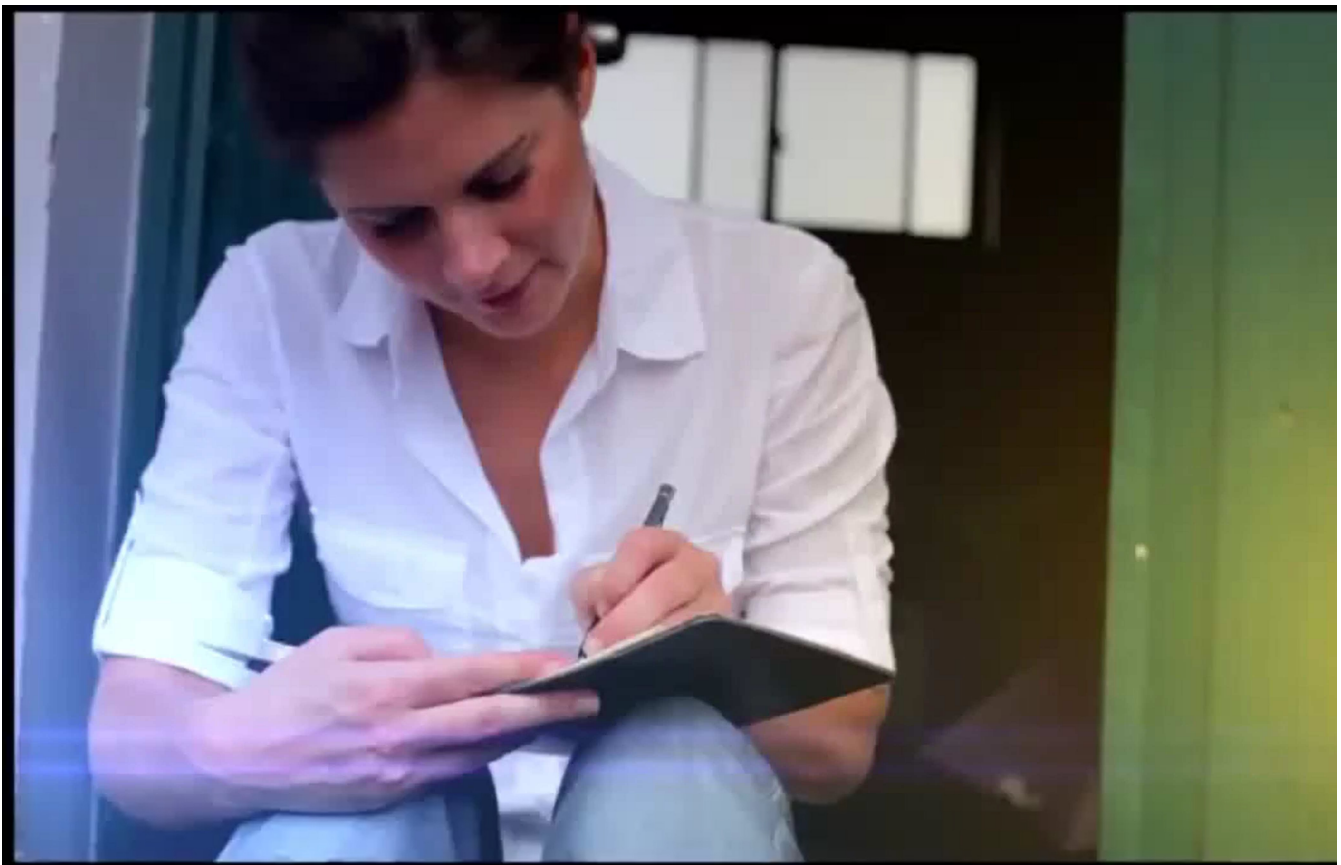
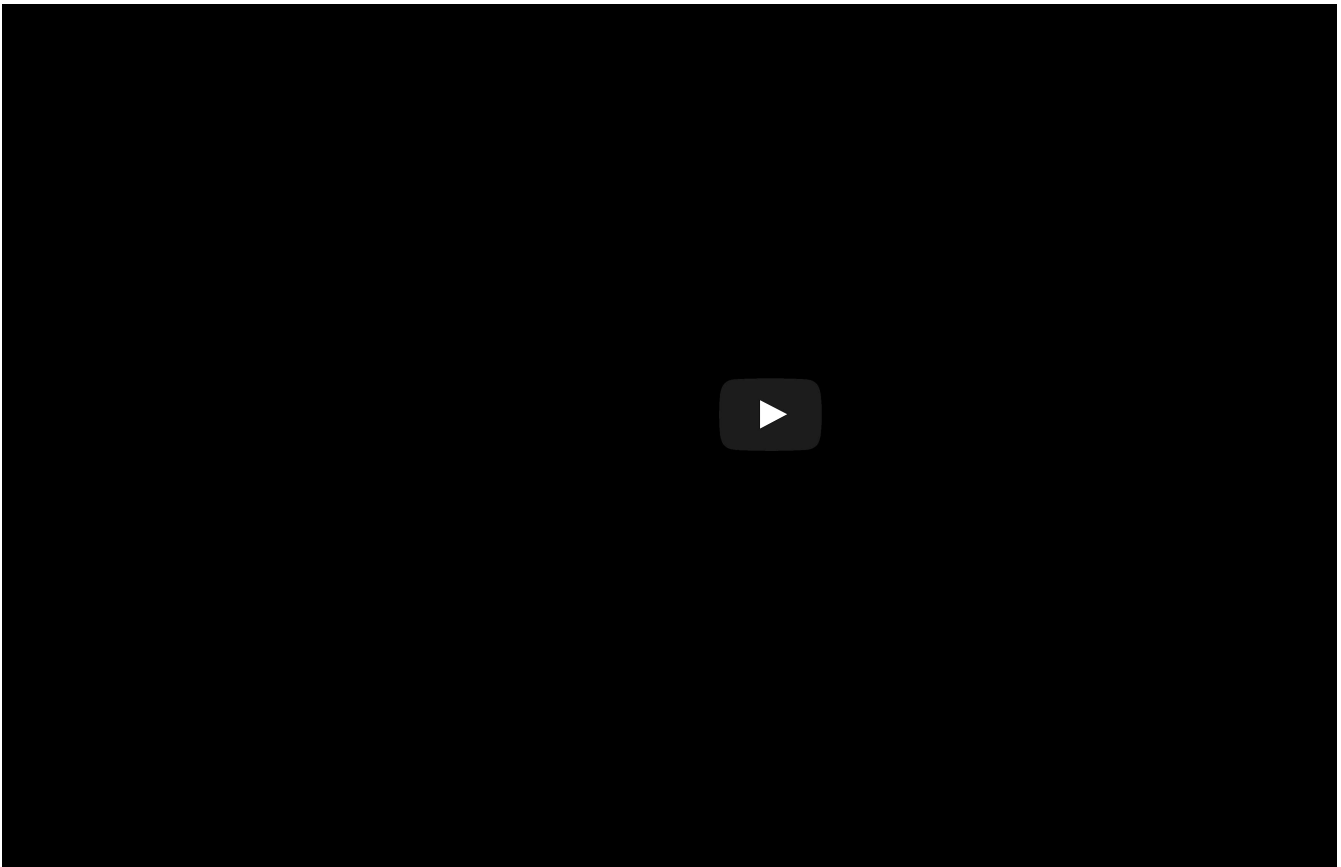
The office of Senator Claire McCaskill stated that USIS was "under active criminal investigation".[6] A statement from USIS stated that it was unaware that it was under criminal investigation.[6] It added that "USIS complied with that subpoena and has cooperated fully with the government's civil investigative efforts".[7] USIS, as the government's No. 1 provider of background checks for the United States, earned \$253 million in awards this year alone.[8]

*Aaron Alexis background check and investigations[edit]

In 2007, the firm also conducted a background check[9] on Aaron Alexis, who has been accused of killing twelve people at the Washington Navy Yard on Monday, September 16, 2013.[10] According to media reports, Alexis was given "secret" clearance after being vetted by USIS.

Who is Providence Equity Partners? (Owner of USIS)

https://en.wikipedia.org/wiki/Providence_Equity_Partners



[Download](#)

Something funny to say about Aaron Alexis here. Government is now suing USIS for the background check they performed on him, and it seems to be a frivolous suit aimed at propagating their message that they had no involvement in torturing Aaron Alexis or using the ELF weapons

system (that I document on my website) on him. Amongst the governments ranks this technology is well known and wide-spread; and I know the US Department of Justice knows about it, and the FBI uses it along with other military technologies regularly. This recording further confirms that USIS knows it exists too, because this employee, a young person who saw information there in 2005, proves that USIS has also aided the government is lying about this technology because they've said nothing publically about it other than to go along with the governments statements. Neither government nor insiders have said anything about it and there has been no forensic investigation proving it was not used on him. Aaron Alexis has been framed to look delusional by these entities, and now USIS is going to get "sued" over it.

1/7/2014.

< Todd> telling story about staff abuse at OSH, Bonita Tucker scandal, staffers smuggling in drugs and abusing patients, covering it up, talking about protest at OSH, misc things between us.

< USIS_familiar_person> agreeing, listening, telling misc story.

< Todd> forgot about the part about the US DOJ coming in. so they came in in 2006 and they're investigating the place and... this is when they brought with them.. a lot of warrantless surveillance technology... NSA style technology... and the whole facility was being monitored. everything going in and out.

< USIS_familiar_person> right. for the liability issues. or perceived liability issues I'm sure. of having that kind of scandal go on there.

< Todd> well it would be related to that scandal possibly or it could just be the US DOJ uses it all the time routinely to spy on people.

< USIS_familiar_person> mm-hmm. acknowledge/agreement. cause they feel like they have a right to because it's the Department of Justice.

probably.

< Todd> yes. that's the way it seems to be, I mean.. uh if you look at the NSA scandal in the newspaper, recently.. the more you look at it. like NSA whistleblower Russell Tice, Edward Snowden, they .. they think.. they have a right to look at your emails and your phone calls and they got space satellites that they think that they can use to spy on everybody. judges, judge alito of the Supreme Court was a target, Barack Obama before he was elected, Senators and stuff. anyway they actually .. their capabilities are amazing and while I was at the hospital I think they were working very closely with the staff, the state lacked liability insurance and tried to cover up the Bonita Tucker scandal, and..

< USIS_familiar_person> woowww.. that's huge.

< Todd> yea..

< USIS_familiar_person> how could they get away with not having liability insurance? even small businesses, even we have liability insurance.

< Todd> yeah.. and the state is supposed to be, I heard from an attorney that they're supposed to be self-insured, and if they get sued they just eat their own coffers. and they collapse.

< USIS_familiar_person> right.

< Todd> that's why the states are being, or going, or why they don't got like some dedicated malpractice insurance and other liability insurance.

< USIS_familiar_person> acknowledges.

< Todd> so anyway. I was up at the hospital, and this technology and.. it was crazy .. and uh, I became, apparently it's outside of the building. like it's electromagnetic uh imaging, see and hear through the walls, tap phones, listen to conversations that are in private even if you're in the shower where there's no cameras or microphones they're able to see you. and the things that I witnessed were back in May 2008, staff members talking on a recorded unit with cameras and microphones saying that they have the technology outside of the building, talking about the states lack of liability insurance, and why they covered up the Bonita Tucker scandal.. uh, talking about me being spied on and targeted with it.. uh, me being .. I got assaulted on camera, there's union violence, there's them talking about being caught and doing things in secret, and they covered a lot of it up. and it results in the craziest thing about my story is ... and it's why I have trouble today.. was, I guess in 2008, it led up to kind of .. messing with me, the intelligence community targeting me with a weapon from outside of the building. and they could direct energy at my body and stuff. and they tried to kill me directing energy into my body causing convulsions, high heart rate. um, beaming sound and all that stuff at me so that I was the only one that could hear, it's called uh, there's a technology behind it called Remote Neural Monitoring and Electronic Brain Link and voice to skull .. US Air Force has patents for it, there's patents for virtually every part of it. and so I got hurt and they kind of set me up to look psychotic and I get out in the community in 2010 and just numerous abuses from that point on in 2008 and onwards that kept on going and spiralling out of control. and I've kind of been alleging that they covered this up. and built the new hospital on my blood, like totally. like they had to hide everything that was happening in the facility with staff misconduct and abuse going on. I was not the only target either .. I mean all the patients were. they were .. daily abuses going on with the patients, I mean I'm not the only target. they had to hide a lot of that to get away with building the new hospital. they had to sell it like it was a good place, selling it to the community like it was a good investment and everything. \$400 million dollars they had to try to get. so... to build the place. um, so anyway. a lot of that is on my site, and what I've tried to document since then. is um.. the surveillance scandal, and I found a lot of information about the NSA having like 30 satellites that they can just point at a place like the hospital or a stadium and basically capture every signal, everything...

< USIS_familiar_person> right..

< Todd> they can see and hear everything through the walls. they have radar systems that help them with that, they can see the radiation irradiating from your body .. they can see everything. they can tap keyboard signals, monitor signals , see what's on your screen. ... it's called Signals Intelligence. it's just a lot of craziness. that's what happened at the State Hospital and that's the truth. I got the articles on the Bonita Tucker scandal and what they did to me with this weapon. hurting me and .. they seriously abused me. like, like, I got a lot of brain injury. but I don't have mental illness at all. if anyone bothered to look at the proof and the evidence that they'd see that, this stuff actually happened. and so I've been recently been getting the opportunity to try to do some of this stuff with my attorney. I'm mixed up in the legal system because of it..

< USIS_familiar_person> have you tried contacting <P_ORGANIZATION> at all? or are they just hands off on it?

< Todd> uh well.. I talked to <P_ATTORNEY> in November or October .. he said .. I didn't tell him all the details like, I gave him a brief version, like I said what my psychologists says, that I'm a victim of whistleblower retaliation. her names Cathy Meadows. she says I have no psychosis or delusion, and I focus mostly on what I saw up at the state hospital. I saw, confirmed abuses, and I'm really worried also a lot about the medication stuff, and I'm focused on the 14th Amendment and 8th Amendment violations .. focused on that with him, and he said well.. he's very interested in that actually. and he said ... but I have an issue with the IRS right now, and to call back in like February.

< USIS_familiar_person> Yeah I know he's been kind of shrugging off people. that we've been referring to, but I understand, we're dealing with the same thing here. not an issue, we're just having to deal with taxes, it's not fun. so..

< Todd> Ok.

< USIS_familiar_person> but yeah, um.. maybe he will call you back in February. but yeah, he's, we've referred people to him. he's like our only legal resource. and most of them call back saying, 'oh he just didn't want to take the case right now.' *chuckles* But I thought that .. it was more than just <P_ATTORNEY>, I thought there was like a group of lawyers, I thought that there were others involved in it.

< Todd> hmm.. I haven't seen the other ones. I know it's a group up there. I know I talked to <P_ATTORNEY> specifically though.

< USIS_familiar_person> Yeah he's .. you might check out <P_ORG_SITE> and see if they have someone listed other than <P_ATTORNEY>. I haven't gone on there in too much detail other than to get the phone number to referral people. we only work part time here so like we basically scrambling every day just to get the basics done..

< Todd> Ok.

< USIS_familiar_person> But it might be worth checking out to see if there's .. cause I in the literature that we have it says that they're a group um so maybe there's somebody besides <P_ATTORNEY> to work with. .

< Todd> yeah, so if you get on my site and you have anything you wanna say about it, wanna look at it. Click on the Russell Tice or Remote Neural Monitoring. There's 17 videos, I got what I say happened. They brought in awesome militarized technology, to do the spying there. I became a target, I got an article I found from 2006 that I found about the technology. Then I got 4 patents, and actual military patents, various patents. One of them says using remote firing devices to uh control the brain or treat things, like depression, alzheimers effects, uh using it for communication, like a spy could be..

< USIS_familiar_person> Unwilling communication.

< Todd> Uh, yeah..

< USIS_familiar_person> Like using people that haven't given consent basically ..

< Todd> Yeah, absolutely, because they'd be monitoring your brain waves, and you'd have no clue or control over what they're going to get out of you. So it says using brainwaves as a method of communication, ... "so like if I was a spy in afghanistan, the Pentagon could receive the communications just based on my thought alone .. it's called synthetic telepathy, the patents really complex .. and it's like , you read over it, it's communication and also stimulating the brain with remote firing devices ..

< USIS_familiar_person> I'm vaguely aware of it. I interned with USIS ... in college. US Investigative Services. And saw a few things .. related to that.

< Todd> You did..

< USIS_familiar_person> Yep. Not things I'm supposed to talk about. I am aware of some of those things. so... *chuckles*.

< Todd> So.. what is your .. so you know about it. That's very.. what do you know? About it? What's your opinion of it. Because.
 < USIS_familiar_person> From what I know, .. from what I know of, and that, and this is, I interned with them in
 <MULTI_YEARS_EMPLOYMENT>, um.. at that time, it wasn't ... it was just a theory. It wasn't use. they didn't have, they had the concept developed, but they didn't have the method of employment developed yet at that point.
 < Todd> Now who is this place.
 < USIS_familiar_person> US Investigative Services. Is a, a contractor, kind of like, but not at all like... but kind of like, it's kind of like on the intelligence side, of like um, uh, they're military contractors. but they do more intelligence then they do combat type stuff.
 < Todd> (excited) so you worked for these guys? and they helped the government, they work with the military and stuff.
 < USIS_familiar_person> They basically get paid tons and tons of money .. by the government I mean, my particular job was just doing background checks on people who were going into the military. Um.. but different areas of the office I worked for did different things.
 < Todd> Well I'm actually really happy that you have some background .. because, most people I go around and talk to about this, they start off come from a position of not really knowing too much.
 < USIS_familiar_person> Right.
 < Todd> And they're like .. some of them know, like <J_BLANK> knows some stuff about this. He knows a lot of history of the older conspiracy theory type stuff like HARRP, and going back, he knows a lot. He knows about the research. Brain-computer interfaces type stuff, so.
 < USIS_familiar_person> Right.
 < Todd> I don't always run into that, so I feel.. I'm just that you know something about it.
 < USIS_familiar_person> Yeah, it's kind of fringe sciency type stuff, but it's real .. a lot of people don't believe in it.
 < Todd> Yeah.
 < USIS_familiar_person> I know it exists because I've seen it on paper. But um.
 < Todd> Great. Ok. So the patents from 1998, and there's various other patents from 1975. That one mentions using radar systems to analyze brainwaves and another example, provided right in the patent. It says, a doctor could .. without having access to the patient, could get access to their thoughts, and do remote diagnosis, and other things that they can do with this technology. Yeah, so it's amazing. And I'll mention the other patent voice to skull, it uses pulse modulated microwaves which once absorbed into your skin or your bones create little vibrations which travel to the cochlea of the ear which makes it so only you can hear whatever's directed at you. You know, it's kind of like, uh, have you.. the effect that I think it works with, because of vibrations are so tiny, you know... um, the thermal energy, once absorbed, it's only effecting you, kind of like you know those tin can telephones, and you have a string between them for you to hear, kind of long range...
 < USIS_familiar_person> It's like invisible string.
 < Todd> Yeah, so, the string would be basically your connective tissue, that's unless you're connected to the person you wouldn't necessarily hear it. So there's a lot of. It's just amazing though, it's called voice the skull and the military is talking about . it's from 1996, it's when the patent was filed. Their idea was using it on like people, to make them hear the voice of god. Trick them into doing things, going onto the battlefield, and making them surrender.
 < USIS_familiar_person> Right.
 < Todd> But I think because the military doesn't get a lot of chance to use all this, they just end up using it on society. And there's.. I mean there's like police messing with it, and hurting people. .. They've got.. They've got it developed, and they've been using it for at least the past 10 to 20 years. And it's the ultimate surveillance gathering and messing with people they want to set up.
 < USIS_familiar_person> Right. I do know, and it's literally the stuff I can't ever say on the record. Because I've signed stuff that says I will be convicted of treason if I ever repeat anything that I saw. But um, I do know that, and this is something that in this particular um context that is very relevant is don't ever do like the psych experiments, or if they're like having experimental studies and stuff like that, because it's one of the methods they use to test these technologies.
 < Todd> acknowledgement, yea..
 < USIS_familiar_person> On people who don't realize ...
 < Todd> Yeah, and I have the idea they could be doing experiments up there, and they're spying on the patients, using them as experimentation subjects.
 < USIS_familiar_person> mm-hmmm... and a lot of, .. and it's through Universities on these experimental..
 < Todd> Universities, too? And this goes back to like MKULTRA style stuff back in the 50s, and 60s.. where the CIA was paying a lot of people, like doctors and other people to uh, conduct research experiments of both medications like LSD and radio wave weapons and other things.
 < USIS_familiar_person> There's a guy who came in back in October .. but I'll see if he can come in, um, his name is <JJ_BLANK>, his dad was a part of those experiments. Not as like a patient, but as a doctor. Um, and he did stay long to tell me most of his story, but his dad was involved as a doctor in those experiments in the 70s.
 < Todd> Have you spoken with <R_BLANK> about any of this?
 < USIS_familiar_person> Um, just in brief. I have a hard time catching him.
 < Todd> Cause I'm working with him, and I don't now. But it's just amazing that you guys would have some background personally with it, and he might be interested in hearing what you had to know about it.
 < USIS_familiar_person> Well, possibly, but I can't really.. talk about it.. too much... I can't tell.
 < Todd> You can't really say too much.
 < USIS_familiar_person> I don't want to put myself in front of my family ...
 < Todd> Yeah.
 < USIS_familiar_person>but I have a child and a husband, um but.. I will say that I could confirm that this stuff exists.
 < Todd> Alright, ... well.. I don't have much more.
 < USIS_familiar_person> Ok. Well, thanks for stopping by, and please come tomorrow night. We'd be more than willing to have you here and hopefully we'll get some other people to be able to come.
 < Todd> Is the doctor going to be able to be there... cause he could..
 < USIS_familiar_person> Um, it's not the doctor, it's the son of the doctor. I have his email address and I'll contact him to see if he wants to show up. He actually reached out to me a few days ago to see if he could help out or volunteer.
 < Todd> Thank you.
 < USIS_familiar_person> Yeah, thanks for dropping by.

1/8/2014....
 < Todd> Discussing multiple hours of stuff ... nice convos, covering society, and other shit at a big meeting with a half dozens peeps there.
 < Todd> I got one question. The info you had said about the place, you worked at.
 < USIS_familiar_person> mm..hmmm.
 < Todd> That would be very helpful. And I just wondered if there's any.. what is the issue that prevents you from.. Is it NDA, or classified government stuff.
 < USIS_familiar_person> well.. 5 security clearance. and multiple documents I signed saying that I would not release any information.
 < Todd> ok, yeah.
 < USIS_familiar_person> under penalty of being treated like a traitor. so..... pretty severe to the point where I formally.. like, other than like, you, the only person that I've that even knew that I worked with them, was my husband. that obviously, um..
 < Todd> Well I appreciate it that you came forward with anything to say.
 < USIS_familiar_person> I just thought it was interesting that you brought it up because I've never heard anyone else mention it before outside of that organization. so..
 < Todd> Alright, thanks.
 < USIS_familiar_person> Sorry <J_BLANK>...
 < J_BLANK> It's all good.. I got off easy, they just threatened me with \$500,000 and 5 years in prison. I was low level. I was nothing.
 < USIS_familiar_person> The census bureau.
 < J_BLANK> Yeah, haha..
 < Todd> Oh, k..
 < USIS_familiar_person> Well, yeah, otherwise I would help you. But I can't.
 < Todd> Yeah I would have to, uh... um, be something, I'm going to look into it some more, maybe talk to you another time or something.
 < USIS_familiar_person> Maybe you could find somebody else who's willing to talk from the organization.
 < Todd> Yeah.
 < USIS_familiar_person> But I have a family. So.
 < Todd> Well that's interesting none the less.
 < USIS_familiar_person> Yeah. But at least you have the name of them now. They're not very well known. If you say USIS, nobody knows who that is. For the most part.
 < Todd> What's the name of them again.

< USIS_familiar_person> USIS, US Investigative Services.
< Todd> Ok. Alright. I'm going to head out.

Want names? Want proof? I got it, but only for those who want to expose all the rape and murder of the US government. They literally using energy weapons and mind reading technology on everybody. The FBI, US DOJ, NSA, local police and state governments. Judges who authorize the programs and work with the intelligence community, they're all in on it. They've been using it illicitly on the public, in the courts, and everywhere. They're all in on it.

Todd Giffen
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<http://www.obamasweapon.com/>
503-967-5202



PO Box 251
Upland, CA 91785-0251
Phone: 1-800-571-5618 FAX: 1-866-433-4170
Email: info@freedomfchs.com

December 23, 2013

To Whom it May Concern:

I am writing today on behalf of Freedom From Covert Harassment and Surveillance and in support of Todd Giffen. Todd is a targeted individual who recently came to us because of being harassed and tormented by covert microwave technologies which can injure, debilitate and even kill a person at short or long-range.

Todd has suffered greatly due to these secret technologies that are mostly unknown by the public, yet can cause a variety of sometime serious effects on the human mind and body, including: heart attacks, strokes, cancers, synthetic telepathy (the effect of broadcasting the human voice into a person's thoughts), headaches, disorientation, memory loss, nausea, nosebleeds, forced speech, blurred vision, ringing in the ears, muscle cramps, convulsions, pain in the joints and limbs and much more.

Our organization was formed to advocate for victims, educate the public, and bring awareness of the proliferation of secret technologies that are ruining the lives of many thousands of citizens in the US and millions of people worldwide. We are seeking legislation, protection, and freedom for victims of covert technology abuse.

For more information, please visit our website and contact us via the addresses listed above or call me directly at my cell number listed at the end of this letter.

Peace & Liberty,
Derrick Robinson, President
Freedom From Covert Harassment and Surveillance
www.freedomfchs.com
derrickcrobinson@gmail.com
513-568-1635



Todd Giffen <todd@strags.com>

hi Jim Gottstein

James B. (Jim) Gottstein <jim.gottstein@psychrights.org>

Sun, Nov 15, 2015 at 8:01 PM

To: Todd Giffen <case@oregonstatehospital.net>

Cc: jim.gottstein@psychrights.org

Hi Todd,

I am pretty unavailable until after the first of the year, but would be happy to talk to your lawyer.

James B. (Jim) Gottstein, Esq.
President/CEO



Law Project for Psychiatric Rights
406 G Street, Suite 206
Anchorage, Alaska 99501 USA
Phone: (907) 274-7686 Fax: (907) 274-9493
jim.gottstein@psychrights.org

<http://psychrights.org>

The Law Project for Psychiatric Rights is a public interest law firm devoted to the defense of people facing the horrors of forced psychiatric drugging and electroshock. We are further dedicated to exposing the truth about these drugs and the courts being misled into ordering people to be drugged and subjected to other brain and body damaging interventions against their will. Currently, due to massive growth in psychiatric drugging of children and youth and the current targeting of them for even more psychiatric drugging, PsychRights has made attacking this problem a priority. Children are virtually always forced to take these drugs because it is the adults in their lives who are making the decision. This is an unfolding national tragedy of immense proportions. Extensive information about all of this is available on our web site, <http://psychrights.org/>. Please donate generously. Our work is fueled with your IRS 501(c) tax deductible donations. Thank you for your ongoing help and support.

From: todd@strags.com [mailto:todd@strags.com] **On Behalf Of** Todd Giffen**Sent:** Sunday, November 15, 2015 9:21 AM**To:** Jim Gottstein**Subject:** hi Jim Gottstein

was wondering if you'd be interested in joining my team to assist my lawyer personally to help guide my case, the investigation on the Oregon State Hospital, and all the crime, victimization, fraud, malpractice, and psychiatric/military type abuses I was exposed to?

I was thinking it'd be cool to make sure I get the best defense and maybe use my case to set a precedent and nail the industry.

thank you,

Todd Giffen

503-967-5202

case@oregonstatehospital.net

<http://www.obamasweapon.com/> + <http://www.drrobertduncan.com/> + <http://www.myronmaysflashdrive.com/>



Todd Giffen <todd@strags.com>

WTC dustification, subatomic manipulation of atoms of neurons 4 mind control.. wtf is with our government?

Dr. Judy Wood <wood@wheredidthetowersgo.com>

Sat, Dec 21, 2013 at 2:11 PM

To: Todd Giffen <case@oregonstatehospital.net>
Cc: Jsleaphart@cs.com, econrn@suddenlink.net

Dear Mr. Giffen,

Please read my book first, then we can talk.

Where Did the Towers Go? (by Dr. Judy Wood)
<http://wheredidthetowersgo.com>

Thanks.

Dr. Wood

At 10:31 AM -0800 12/21/13, Todd Giffen wrote:

Can you testify about directed energy manipulation? I have information about US patent 6,011,991, for remote mind reading/brain computer interface, used for covert surveillance and communication, with ability to remotely control the brain, using "remote firing devices". As an expert, you could shed light on the NSA/US military and space weaponry, which may be linked to the WTC dustification. 30 satellites, ELINT, weapons. subatomic manipulation of atoms of neurons 4 mind control. <http://bit.ly/1cUfbBf>

Does the government really have the ability to beam energy at objects or peoples atoms, interfering with the energy of buildings and the mind, or controlling something in a precise fashion? When it comes to both, I believe it does, but let me focus on the mind control issue: what is the difference between an atom in a neuron and an atom in an electronic device or other object? If they can effect the electromagnetic field of one atom in an electronic or wireless device / antenna system, they can effect the field of all atoms using directed energy. And that is what ELINT / Remote Neural Monitoring / Electronic Brain Link is all about. When you change the electromagnetic field of atoms together, you can remotely control neurons, and when you control neurons, you control the brain of targets, for covert communication and harassment/abuse. Sound legit?



Todd Giffen <todd@strags.com>

Remote neural monitoring..

John Akwei, ECMp ERMp <johnakwei1@gmail.com>

Tue, Feb 4, 2014 at 9:40 AM

To: Todd Giffen <case@oregonstatehospital.net>

Hi Mr. Giffen,

Thanks for contacting me. I am glad there is now a lot of accurate information available about OS/EH on the Internet.

To answer your questions:

When my court case, John Akwei vs the NSA Civil Action 92-0449, was dismissed in 1992, I then visited over 20 libraries in the Washington DC area, and researched/wrote the Evidence Document, (My Knowledge of the NSA, etc.), that is now easily available at several websites.

About "set backs"; It would help if there was money available to pursue OS/EH class action lawsuit. That is something that should be worked on. Right now, www.FreedomFCHS.com is seemingly at the forefront of this effort.

It is great that there is something people can do about OS/EH these days. That is, network via the internet with other OS/EH victims. Incremental breakthroughs are already occurring, luckily.

There is no way to mitigate OS/EH, except with your own awareness and self-care. The exact organizational sources of OS/EH also aren't exactly determinable, although there is possible research about this that I don't know of.

Thank you for all your efforts. Let me know of any other questions you might have.

Regards,

John Akwei

johna@johnakwei1.com

johnakwei1@gmail.com

----- Forwarded message -----

From: **Todd Giffen** <case@oregonstatehospital.net>

Date: Sun, Feb 2, 2014 at 10:40 PM

Subject: Re: Remote neural monitoring..

To: johna@johnakwei1.com

Also, you know HUMINT? That is borne out. Look up Edward Snowden revelations. He exposed that they have paid agents that infiltrate social environments to spy on and control us. For example, the guys playing World of War Craft or various online games to spy on our conversations and to manipulate the outcome of our overall behavior ... this is an example of modern HUMINT. Both the NSA and military run these programs on Americans. I am certain they have similar people that track us and out on the streets and at similar venues face to face.

The agents who tracked me were limitless, young and old, paid to follow me every where, many installed within existing businesses all around town. I think the entire world is a type of prison, world scale with agents all over. Mass surveillance and mind control tactics are being used to control everybody, everything is a system of control for people. I have seen the inside of their network, I know..

Seriously insane shit they've done, right?

On Feb 2, 2014 7:26 PM, "Todd Giffen" <case@oregonstatehospital.net> wrote:

Do you answer questions about it? Like how did you become gifted with the information?

One thing is most of it is borne out, proven reality. Many patents back it up, plus Dr. Robert Duncan's information that says the military / NSA deployed TAMI / Thought Amplifying and Mind Interface in all radar systems / satellites by 1976, based on Malech's 1974 patent for using radio waves to read and alter brain waves.

So.. they had this shit all along, using radar tricks to set up, spy on, and fuck with people.

I see they dismissed your valid lawsuit all about this, too. Was that quite the set back? The abuses must have continued because of the ignorant judges in this country, right?

I myself was targeted by the US DOJ in 2006 with this same system, which they used to try to murder me in 2008. They have been conducting this big CRIPA/ADA investigation here in Oregon ever since, still ongoing today.

Read US DOJ's reports here if you want : <http://www.oregonstatehospital.net/resources.html>

Tech details at : <http://www.oregonstatehospital.net/d/russelltice-nsarnmebl.html>

What do you think people can do about this today? Got any ideas? I btw had 3 federal lawsuits dismissed as frivolous, even when I had evidence of my abuse. Like proof of injury, psych eval saying I had no psychosis or delusion, security video / audio of state employees caught using and discussing this technology they had outside of the building to do it all, etc. Numerous other abuses, assaults also caught on tape from staffers over it. The State of Oregon's motive in cover up: lack of liability insurance, which employees admitted to on tape.

-Todd Giffen

<http://www.obamasweapon.com/>



Todd Giffen <todd@strags.com>

hi... Dr. Robert Duncan told me about you.

Roger at Bugsweeps <bugsweps@earthlink.net>

Wed, Feb 26, 2014 at 10:25 PM

To: Todd Giffen <case@oregonstatehospital.net>

http://www.bugsweeps.com/info/electronic_harassment.html

Subject: Test Protocol

I do all the testing personally with my assistant.

Day 1- case detail analysis and scanning for bio chip implants

Day 2- directed energy spectrum analyzer testing

Day 3- directed energy testing with passive shielding

Day 4- directed energy testing with active shielding

Day 5- directed energy final analysis.

Sessions run about 6 hours a day. Some day sessions, some night sessions.

Total cost of testing \$2,500.00

Note: If you need both the passive and active shielding systems for ongoing protection the cost for those is \$1,500.00.

Roger

From: todd@strags.com [mailto:todd@strags.com] **On Behalf Of** Todd Giffen
Sent: Wednesday, February 26, 2014 7:25 PM
To: bugswEEps@earthlink.net
Subject: hi... Dr. Robert Duncan told me about you.

I am a famous TI with more evidence than you know.

US Department of Justice used this technology, long-range directed-energy, mind reading shit at the Oregon State Hospital to conduct their CRIPA investigations in 2006.

Staffers on film at OSH discussing the technology they had outside of the building to do it.

Do you help people personally and are you interested in investigating, helping me put together all the evidence, gathering records, doing scans, what ever?

I am working with a ton of other people, have ties to the Church of Scientology, Mindfreedom International, lawsuits going on in court, criminal case, etc.

my site with more info is <http://www.obamasweapon.com>

Todd Giffen

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Maybe my attorney can hire you or something, or let me know.. I mean, I don't got a ton of money, and I don't know the type of work you do yet.

The work done would go to help get money from a lawsuit, once more evidence was obtained, at which point more money would definitely be available. The courts also pay experts during criminal/habeas corpus cases like I have now, that could be another way to fund it..

Tell me what you think.



Todd Giffen <todd@strags.com>

Hi, I have a lawyer named Lawrence Taylor

Mark-Cathy Phillips <TRANCE008@hotmail.com>

Fri, Jul 3, 2015 at 3:30 PM

To: Todd Giffen <case@oregonstatehospital.net>

Hello Todd,

As US Government Whistleblowers Mark and I are bound by law from becoming involved in any other case. Please know, however, that TRANCE Formation of America is compiled from testimony for the US Congressional Permanent Select Committee on Intelligence Oversight. It is now in law libraries worldwide and is being taught in major universities. It may be of benefit to you in your legal efforts. Additionally ACCESS DENIED For Reasons Of National Security is proving helpful to people all over the world in reclaiming control over their own minds and lives. People report healing by simply applying to themselves the healing methods Mark taught me that are detailed in the book. Hope this helps. Stay safe, stay informed.

Peace and freedom, Cathy

----- Original Message -----

From: Todd Giffen

To: TRANCE008@hotmail.com

Sent: Thursday, July 02, 2015 9:02 PM

Subject: Hi, I have a lawyer named Lawrence Taylor

I am a victim of the modern program of psychiatric state violence, surveillance, and electronic warfare based mind control.

My story is on obamasweapon.com.

When I told my lawyer about you guys he was seriously interested (Mark Phillips, and Cathy O'Brien). Our intent is to expose rogue police and state employees for targeting me, destroying my brain with radiation, and the like.

We need experts on the mind control tactics. And details on government operations. Or whatever we can get.

He may have contacted you already, but if needed would you be available to assist?

The state is paying time, lodging, travel, food for people we hire, basically up to tens of thousands of dollars per expert/witness brought in so we are intent on fully compensating everyone.

This is my lawyer. Harvard grad. Shook Barack Obama's hand in school. Although Barack Obama seems to be directly involved in continuing these operations and lying about government operations, so that doesn't mean much.

<http://www.eugeneweekly.com/20130711/lead-story/bucket-list>

Todd Giffen

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<http://www.obamasweapon.com/> + <http://www.drrobertduncan.com/> + <http://www.myronmaysflashdrive.com/>



Todd Giffen <todd@strags.com>

Information

Mark-Cathy Phillips <trance008@hotmail.com>

Tue, Jul 14, 2015 at 3:58 PM

To: Todd Giffen <case@oregonstatehospital.net>

Hi Todd,

Agreed that Duncan had done a Coast to Coast radio interview though his first national (TV) MEDIA show was interview was with Jesse V.

Please appreciate we are US gov whistleblowers bound by the tenants of the US Government Whistleblowers *Protection Act*.

If we did not experience something or were a witness to it we are prohibited by law to use our public image to appear as an authority and/or a information referral source.

While I know as fact that certain remote mind control technologies exist and are used I cannot discuss what I know because I only saw it **after** I became disenfranchised from my work within the intelligence communities . I would have imagined that Duncan would be the best source for you especially since he wrote the book on the topic.

I wish I could be of more help...however **for my sake** I won't risk loosing a quarter century of remaining a credible global source for trauma based mind control details.

Best Regards,
Mark

----- Original Message -----

From: Todd Giffen

To: Mark-Cathy Phillips

Sent: Friday, July 10, 2015 6:10 PM

Subject: Re: did you guys see the Dr Robert Duncan site?

By the way I think Duncan's first national media appearance is technically his coast to coast am interview from 2006, which is one of my favorite interviews. Coast to Coast AM is broadcast nationally and world wide. It receives millions of listeners per show.

The conspiracy theory ep is his first national cable TV appearance. Its a nice ep. I have the full episode and audio clips of you and duncan's scene as proof of the targeting. It has been listened to 10,000s of times on my site, 300 unique visitors come by a day to the front page..

I have collected nearly every radio show and interview duncan has done, even rare and hard to find ones, but I am missing a few as they are no longer anywhere to be found after years.

You might have a large collection of pdfs, audio files, video files and the like that others don't possess on targeting, mind control, government operations, surveillance, etc. I hear ted gunderson had dvds for example he used to hand out, but now he's gone and we are out of luck.

Let me say I would love to receice any material you have for archival, sharing with other TIs, or use in court, or just for education.

I generally upload it all to oregonstatehospital.net and people download it there.. the site gets overloaded at times, as people download terabytes a day.

On Jul 10, 2015 10:15 AM, "Mark-Cathy Phillips"< trance008@hotmail.com>wrote:

Hey Todd,

Yes we are very aware of what he has released and most everything about him.

I introduced him on the Jesse Ventura "conspiracy show", his 1st national media broadcast appearance.

As US government whistleblowers we cannot promote what he reports...only point others to do their own research.

All The Best,

Mark

----- Original Message -----

From: [Todd Giffen](#)

To: [Mark-Cathy Phillips](#)

Sent: Wednesday, July 08, 2015 5:45 PM

Subject: did you guys see the Dr Robert Duncan site?

<http://www.drrobertduncan.com/>

Good info on electronic warfare targeting, and info tying the continued abuse to Barack Obama's administration (because of bioethics committee testimony and letter they sent out in 2011 that says the White House/Barack Obama would be fully informed).

Todd Giffen

[503-967-5202](tel:503-967-5202)

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<http://www.obamasweapon.com/> +

<http://www.drrobertduncan.com/> + <http://www.myronmaysflashdrive.com/>