



December 27, 2006

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Mr. Kucinich,

I am writing to you to alert you to significant civil rights violations and criminal misconduct by Defense and NIH personnel and grantees. The Alfred E. Mann Foundation, has been developing implantable device technology under DoD SAP that has been carved from the Defense budget and involves NIH funding. The personnel involved, which includes William Heetderks (NIH), Alfred E. Mann (Alfred Mann Foundation/Quallion LLC), Gerald E. Loeb(Alfred Mann Institute at USC), William Tang (DARPA), and Philip Troyk (Illinois Institute of Technology), have abused protections afforded them as part of a Special Access Project (SAP), and are committing crimes that constitute assault, torture, murder, and have allowed sensitive technology developed under the SAP to be distributed to individuals not classified to possess such information. What they have done is unacceptable by any standards.

My main concern is the civil rights abuses and inhumane treatment of research subjects under this SAP. Under DoD Directive, "waived" SAP's such as this are initiated with only 8 members of Congress being notified, and that secrecy has undermined oversight and accountability. It is apparent that this policy is what permitted the criminal misconduct and civil rights violations committed by these individuals. The following outlines the long-term plan to develop this technology and deploy it domestically for Intelligence operations. This has been done under the highest levels of secrecy and the following details the extensive efforts that were made to limit the number of individuals involved, and extraordinary measures were taken to control who had access to the data and who did not. I want to come forward with this evidence and I am requesting your assistance.

1. The SAP personnel under contract and mentioned above have conducted research in a manner that is criminal, and unconstitutional. Research efforts routinely involve involuntary research subjects and the technology is refined to the point that implanted hardware is undetected by clinical medical personnel, and allows long-term investigation as to command, control and capabilities of the hardware and telemetry systems. Documents in my possession detail testosterone delivery via submillimeter sized hardware to "supplement" the effects of electrical stimulation and note increased rage and promiscuity when testosterone levels are elevated 1000 to 5000% above normal levels. This is not medical technology as publicly presented. It is considered a tactical weapon.
2. The controversial and classified nature of this research has DARPA MTO/Mems Program Director William Tang falsifying grant applications to the NIH by failing to disclose his Defense Department appointment in order to become involved in the project. If only 8 members of Congress were notified of this SAP, this would indicate that when the remaining members of Congress approved the NIH budget, they were not informed that hundreds of thousands of dollars earmarked for the NICHD to develop treatment for Children's Diseases was then taken by the Dept. of Defense to further testosterone studies, behavior modification, and sleep deprivation. This is horrible misappropriation of tax monies and betrays public trust as well as circumvents checks and balances of Government.

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3. William Heetderks at the NIH has been involved in every NIH/DARPA implantation since 1998 when he authored a paper titled "RF Powering of Submillimeter sized Neural Prosthesis Devices". As Director of Extramural research at the NIBIB, Heetderks receives "carved" grant applications such as those submitted above by William Tang. Heetderks is perhaps the most significant contributor to the "submillimeter" technology and in addition to the 1988 "RF Powering" paper and being involved with every implantation, he with (Troyk and Loeb) invented the proprietary "Suspended Carrier" telemetry protocol, which is the Intellectual Property of the US Government and developed exclusively for the submillimeter device requirements. It is no mistake that he also controls funding and grant awards for emerging radiology, Mri, and biomedical imaging technology. It is my opinion that funding from the NIBIB to our Nations Universities and Scientific Personnel lacks efforts which focus on imaging smaller particle sizes and instead, has focused on Functional Mri (fMRI), or vascular / soft tissue research efforts. Gerald Loeb of the Alfred Mann Institute (Principal Investigator/SAP contract personnel) performed radiology efforts with Dr. John Rossiter and funded by Heetderks, but this was done in a double blind protocol performed to determine how to hide the submillimeter devices rather than localize them. Again, using monies from a budget that Congress approved for medical advancement and which could have been used to research earlier detection of small tumors or other beneficial efforts. Countries such as Germany have Mri systems from Bruker operating at 6.4T whose capabilities far exceed the most recent 3.0T systems from G.E. and Siemens. With implantable device technology being secretly guarded and used domestically by Intelligence agencies, and the NIH budget being looted behind Congress' back, Citizens of the United States will not benefit from radiology advancements enjoyed by other less wealthy countries.
4. FDA and FCC fiasco. In order to deploy submillimeter technology in domestic Intelligence operations, changes to current FCC spectrum allocation were made necessary because "Suspended Carrier" telemetry requires a special segment of RF spectrum between 200MHz and 470MHz. Public safety was jeopardized when it was deemed necessary to appoint SAP personnel (Robert Greenberg, CEO of Mann Foundation's "Second Sight") as Director of 510(k) medical device approvals at the FDA. The plan was to push the submillimeter technology through FDA regulatory approval as medical technology and then have Alfred Mann lobby the FCC for the necessary changes. With Greenberg as Director of 510(k) approvals at the FDA, the sensitive SAP technology could be approved without scrutiny by personnel outside the project, but a snag was encountered when it was determined the submillimeter technology required a PMA approval rather than 510(k). The PMA process is heavily scrutinized, requires vast supporting research data, and is required when the proposed device technology is unique, sets precedence, or is unlike anything currently approved by the FDA. In order to protect the "Top Secret" classification of the SAP, the fastest PMA approval in FDA history occurred and was awarded to one of Al Mann's competitors, and laid the foundation necessary so that the submillimeter technology could immediately follow on a 510(k) approval that only required the approval of SAP personnel Robert Greenberg. In addition to avoiding the scrutiny of the PMA process, the competitor's PMA approval, with an average cost of \$25 million, allowed Mann's 510(k) approval to occur which averages \$2 to \$3 million.
5. The FDA approval is being used by Alfred Mann to pitch requested rule changes to the FCC to accommodate breakthroughs in "Medical" technology. The "wideband" amendment requested by the Mann Foundation is being falsely represented as "Medical" technology in order to maintain SAP protections. It is a fact that what is being proposed are necessary to permit "Suspended Carrier" telemetry that is unique to the submillimeter technology. It is no mistake that the spectrum requested for special use by the Mann Foundation resides right next to

Government use only spectrum. By residing next to Governmental restricted spectrum, Encryption becomes possible using extremely secure spread spectrum techniques. Encryption is not permitted to commercial and non-governmental users, but would be necessary for domestic deployment operations by Intelligence Agencies such as the NSA or CIA. To further this point, commercially viable implantable devices such as the small "BION" device or Cochlear implants do not benefit from Mann's wideband technical specification and this is echoed in a letter to William Heetderks from Paul Meadows of Advanced Bionics. Lastly, the Alfred Mann proposal to the FCC is in public comment period and of more than 150 submissions publicly available on the FCC website, approximately 85% of the supporters are Defense personnel, Defense funded, or are contract grantees and vendors in projects funded by William Heetderks and the NIH/NINDS. These supporters have joined in a "form letter" type campaign, and include the Department of the Army, Walter Reed Hospital, The Veterans Administration, DARPA's Kent Kresa, Argonne National Laboratories, and all claim that "without these proposed rulechanges, millions of Americans and amputee's returning from Iraq will be denied proper medical treatment". These are all false statements and the misinformation does more than protect their secret. It betrays public trust, and gives false hope to amputees who will never receive a cortical controlled prosthetic limb. The facts are that cortical electrodes are high risk, and the costs far exceed what is available from the VA, HMO's or Medicare.

6. Another aspect of the amendment submitted to the FCC by The Alfred E. Mann Foundation is the "special use for experimental testing of implantable device telemetry" which includes requested unlicensed use of spectrum. The Suspended Carrier telemetry scheme used by SAP contract personnel requires several repeaters in order to extend telemetry distances between implanted subject and remote workstation. FCC regulations require repeater operators in the 224MHz area of spectrum hold, at minimum, a "Technician" class license. Because several repeaters are needed, Joseph H. Schulman, President of the Alfred E. Mann Foundation, established a group of 224.840MHz repeaters to facilitate research efforts by contract grantees Gerald Loeb and Phil Troyk. Loeb initiated research under SAP protections by assaulting and implanting subjects in a criminal manner. Despite SAP protections, FCC compliance was still a problem, and in order to satisfy FCC requirements, Mann Foundation President Joseph Schulman obtained licenses in the names of friends and family members, his Wife, his Son, and in at least one instance upgraded and used the license of an old friend who had "retired" as a HAM radio operator. Because these repeaters had to be licensed, were public information, and being used criminally to further Defense research, Joseph Schulman got into some trouble and was investigated by Detectives from the Los Angeles Police Department "CAPS" unit. During the investigation, Schulman provided false information to Detectives by claiming his use of 224.840MHz repeaters was only a hobby and was unrelated to research efforts by the Alfred Mann Foundation, however a copy of the recent Alfred Mann request submitted to the FCC (obtained through FOIA provisions) states that 216-225MHz is required for Suspended Carrier telemetry and goes on to detail why power limitations and tissue impedance eliminate higher and lower areas of spectrum.
7. Paul Meadows, a principal at the Mann Foundation and Advanced Bionics, was appointed President of the International Functional Electrical Stimulation Society (IFESS), and was done to serve as an International "watchdog". The Annual IFESS Consortium is an International event and any technology emerging from other countries, or that employs the closely guarded Suspended Carrier/submillimeter technology developed under contract, would in all probability,

be presented at IFESS. Having Mann Foundation personnel and contract grantee Paul Meadows in the position of IFESS President allows the earliest possible alert because submissions for the Annual Consortium would be submitted to his office.

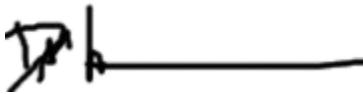
8. The criminal use of human research subjects was initially avoided. In the early-mid 1990's, Gerald Loeb was employed at the NIH Laboratory of Neural Control where William Heetderks was Deputy Director. The first effort using cortical electrodes was a legitimate, approved study that involved a 38 year old Nurse volunteer. The study had FT Albrecht, G. Loeb, E. Schmidt, M. Bak implant 38 devices into the visual cortex of the patient to reproduce sight. There are many references to this early work,.. it is cited often in papers of other research personnel as reference, is mentioned in numerous reputable publications and was published in the Journal of Biomedical Engineering. What is not publicly available however is that the patient died following conclusion of the research study. The documents obtained through FOIA provisions and other sources state that all "extradural hardware" was removed as part of patient informed protocol, however this would mean that "intradural" hardware was left residually implanted. Additionally, there were significant difficulties with biocompatibility, and while limited success is claimed, the problems surrounding the patient prompted NINDS Acting Director to make a public statement regarding NIH decision to abandon further human studies involving cortical electrodes because patient safety could not be guaranteed. Even though this work was performed in-house by NIH personnel, there is no record of the project or the patient and a request to the FOIA Officer and an appeal yielded no record. This woman was killed and FOIA personnel at the NIH can't locate any records because it was classified as part of the SAP.
9. Personnel affiliated with this SAP are using protections and classified status to interfere, suppress, and prevent communications to members of Congress, as well as communications with attorneys medical personnel, and numerous Federal and local agencies. Since attempting to come forward with this information, SAP personnel have intercepted U.S. Mail sent to a Senator, used DoD advanced "Syssec/GetPass/Posix" methods to access computer data and emails, destroy evidence, and have prevented the FBI as well as local agencies from providing equal protection of the law.
10. After serving SAP contract personnel at the Mann Foundation and IIT with Civil Summons and Complaint (Case # LC061991, filed 2002 in the State of California, Los Angeles County Superior Court), SAP personnel fabricated criminal charges to avoid being litigated.

It is apparent that our system of "checks and balances" is been circumvented and that policy change is needed. The deception surrounding this SAP, the efforts to push this through FDA and FCC regulatory processes without alerting Congress to the intended application, or any SAP details for that matter, and the civil rights violations I have endured and continue to endure due to my efforts as a whistleblower serve notice that something is wrong. Furthermore, the fact that this sensitive information has been distributed to individuals who do not have classification to receive the information is proof that these individuals are a threat to the National Security and that something is very wrong here.

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In closing, the conduct of these individuals far exceeds any authorities afforded to them by the SAP and have caused significant pain and suffering and have even murdered American citizens. To see them continue to receive funding, continue committing criminal acts against innocent Citizens, and be protected from prosecution is sickening. This isn't right and it shouldn't be happening in the United States of America. Please advise as to what should be done. I thank you for your much needed assistance.

Sincerely,

A handwritten signature in black ink, appearing to be 'DA Larson', followed by a long horizontal line extending to the right.

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