

# **International Campaign To End Human Rights Violations Involving Classified New Weapons of Mass Destruction: Electromagnetic and Neurological Technologies**

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By Cheryl Welsh  
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2. The European Parliament Resolution A4-005/99, environment, security and foreign policy passed on Jan 29, 1999. Item 27 is as follows. "Calls for international convention introducing a global ban on all developments and deployments of weapons which might enable any form of manipulation of human beings."

3. Electromagnetic Weapons Summary: by Grattan Healy, Advisor on Energy & Research Green Group in the European Parliament: February '99
4. There are steps forward and back, Dec/Jan 97/98 Nexus, p8 stated that "On 19 November 1996 something happened in Strasbourg, France, which could fundamentally remove many of the rights of patients. It had no public airing beforehand, and has been little reported on ever since. **After marathon discussions, the Committee of Ministers of 39 European Union member states adopted the Convention on Human Rights and Biomedicine. This allows for future drug use and other medical trials to be carried out on potentially huge numbers of people, possibly without their consent.**
5. The United Nations General Assembly has adopted this 1996 Resolution 51/37. Prohibition of the development and manufacture of new types of weapons of mass destruction and new system of such weapons.
6. International Committee for the Convention Against Offensive Microwave Weapons 1998 Civil Court Case Dismissed and Appealed to the Inter-American Commission on Human Rights
7. World Organization Against Torture. An official 1998 recommendation to conduct "a thorough and impartial investigation into involuntary human experimentation involving new forms of classified research and testing of high technology military weaponry including microwave and laser equipment"
8. The International Bioethics Committee IBC of UNESCO, Proceedings of the Third Session September 1995, Volume 1 included the conclusion to chapter 1 entitled "Ethics and Neurosciences" by Jean-Didier Vincent, Director of the Alfred-Fessard Institute, ".As a possible instrument of encroachment on human liberty and dignity, the neurosciences may also turn out to be a poisoned chalice on which the worst forms of ideology may thrive. The purpose of this report is to examine in a clear-sighted way and without complacency, the hopes and risks involved and to issue a few warnings of an ethical nature."
9. The medical profession and the effects of weapons, Excerpts and recommendations from the Reports of the Symposium held under the auspices of the International Committee of the Red Cross Montreux, Switzerland, 8-10 March 1996.
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## Introduction

Please note that this book is solely the opinion of Cheryl Welsh and it is not necessarily the opinion of Citizens Against Human Rights Abuse. This book reflects the lessons and progress in the last two years of networking and research. I am posting it, hoping that it will save others the time and money I spent. I hope that investigative reporters will investigate the many leads.

The U.S. government maintains a massive, fifty year old cold war, highly classified electromagnetic weapons program and there are allegations of current illegal experimentation similar to radiation experiments. Here are the facts given by the U.S. government officials. In stark contrast, the concerns and opinions about electromagnetic weapons and alleged illegal experiments are given by human rights professionals, medical doctors, scientists and the growing numbers of victims of alleged nonconsensual experimentation. The table of contents and conclusion section provide a summary of the 130 + pages.

This book is about an international campaign to end human rights violations using classified new weapons of mass destruction based on electromagnetic and neurological technologies. There will be examples to describe who, what when, where and why of this campaign, for example, **1986, January 21. Press Conference on Gorbachev's Nuclear Arms Elimination Proposals.** BBC Summary of World Broadcasts. Tass for abroad. Part1 The USSR; A. International Affairs; 1.General and Western Affairs;SU/8162/A1/1. Lexis-Nexis.

" **Weapons based on new physical principles** would include, amongst

others, means in which physical principles which have not been used hitherto are used to strike at personnel, military equipment and objectives. Amongst weapons of this kind one might include **beam, radio-wave, infrasonic,** geophysical and genetic weapons. In their strike characteristics **these types of weapons might be no less dangerous than mass strike weapons.** The Soviet Union considers it necessary to establish a ban on the development of arms of this kind. The Soviet Union has not carried out, nor does it intend to carry out either tests of such arms, or -even less so - the deployment of them. It will seek to ensure that all other countries do not do so either."

This book will define a classified human rights issue to be compared with the Holocaust. Electromagnetic and neurological technologies are being developed and are on line, for political and military use. The technology is currently being used in programs of nonconsensual human experimentation, in domestic and foreign intelligence projects and for military action. UN documentation and more verifies a 50 year U.S. cold war cover story. This book concentrates on nonconsensual experimentation.

### **A note of gratitude**

I want to thank all of my fellow research and networkers for many of the articles quoted in this paper, especially Harlan Girard, of the International Committee Against Offensive Microwave Weapons, who has a gift for recruiting professionals to this issue and for gathering the relevant and prolific evidence in support of our cause on an international level. He is truly a hero to the cause and can take credit for the formation of this movement. Harlan Girard is responsible for much of the progress made toward an end to the ongoing human rights abuses using classified electromagnetic technologies.

### **About Cahra.**

Citizens Against Human Rights Abuse is a 501(c)3 nonprofit organization formed in 1996. CAHRA's international membership of nonconsensual experiment victims has been growing phenomenally ever since. Donations are tax exempt and appreciated. Thanks to your generosity, CAHRA is sponsoring the Dr. Bertell Preliminary Study.

### **About the author**

Cheryl Welsh is a law student in Sacramento, California. She received an AA degree in math and science and then worked for ten years as a medical receptionist. In 1987, she went back to school at University of California, Davis and received a bachelors in physical education. She had a very average life until she became a victim of nonconsensual experimentation in 1987. Since then she has changed her life in order to stop this torture. She now has a second bachelors in government from California State University, Sacramento and has started a nonprofit research and education organization, Citizens Against Human Rights Abuse (CAHRA) in 1996

## **In memory of two victims who have died fighting: Paul Schaefer and Carol Sterling**

Paul Schaefer

1946-1999, a tireless activist against mind control. He wrote articles for his local paper and networked for years with many victims. He graduated with an electrical engineering degree from the University of Missouri at Rolla and had four years of experience working on nuclear weapons components at Bendix before he became an environmental activist in the 70s. Paul passed away from complications of cancer. This is an article in the Kansas City Pitch Weekly, April 13-19, 1995, " Ex-engineer Against Adverse Energy" by Mike Taylor.

Some people say prayers before they start eating a meal. On a cold night at Nichols Lunch, Paul Schaefer pulled a white plastic cone and paint-less wooden ball on a piece of string from his blue windbreaker. he dangled the contraption over a plastic basket of fried shrimp and french fries. The pendulum swung counterclockwise, as he pointed out, which it shouldn't do in the northern hemisphere. Schaefer dunked the pendulum in a glass of water. After he pulled it out, he hung it over the food again. The contraption rotated clockwise. He said, "I observed water-in addition to cleaning off germs-is a good way to diffuse adverse energy. Water and earth help control the effects of adverse beams and substances." When Schaefer walked into Nichols, he wore headphones under a red, white and blue mesh baseball cap. When asked what he was listening to, he said "I don't know what station it is. I'm listening to the high end of the FM spectrum. I'm using radio waves to pump energy into my ears." Schaefer worries about 'adverse energy,' even though his bearded face always seems to be on the verge of a grin. "There are energies beyond heat and light." he said, "The electromagnetic spectrum didn't exist until we created it. All of these things are outside the popular belief of what our environmental problems are." The fiftyish handyman with an engineering degree from the University of Missouri at Rolla and four years of experience working on nuclear weapons components at bendix, now Allied Signal, became an environmental activist in the 70s. He played an active role in fighting against and delaying the construction of the Wolf Creek Nuclear Plant in Burlington, KS, through a group called the Natural Guard. Schaefer still concerns himself with the belief that the human race is destroying itself and the world with it, but he has focused more now on what could best be called the 'extrasensory environment." A frequent 'letter to the editor' contributor, Schaefer wrote to the Pitch Weekly (March 24, 1994): "Now that flame-throwers and tanks are losing popularity, a kinder gentler process might be used on politically incorrect individuals such as employing a beam(s) to extract bio-energy from the space, where they are located, and causing their (people's health to decline." He wears what he calls an "environmental flak jacket" to protect himself from the adverse energies. It's not just a piece of clothing. Black straps hold plastic tubes filled with liquid crystal are connected to coils, wires and a low frequency vibrator. Schaefer powers the contraption with batteries he carries in two cloth pouches on his hips. He said he thought the unseen forces mainly attacked his aura. Schaefer said, "Auras show our connection to everything. They can be used to facilitate preventative medicine. "Schaefer thinks auras, which he said are as unique to each individual as fingerprints or DNA, can provide advances in psychological counseling as well as preventive medicine. "In his last interview, (Frank) Zappa said he didn't feel good, but

doctors couldn't help him," said Schaefer. "If he'd had his aura read, he might have been able to avoid the illness that eventually overtook him." Most people wouldn't wear something like his flax jacket said Schaefer. "(But) I live in a more adverse environment than most people." **He cites numerous examples of occasions when "adverse energies," 'beams' or 'substances' have been 'shot' at him. "A neighbor called me over to her porch one day, to tell me she'd seen a beam of light come out of the sky and shoot into one of my windows," said Schaefer. "I could see the path through the garden where the leaves turned yellow."** He told of being in a small town Missouri church with his mother on Easter Sunday, "Somebody (the government, I presume) turned a beam on us. I felt it and braced myself. My mother shrunk way down in the pew and it destroyed her hearing aid." He said the energies, beams or substances had been used in his house and car also. He said that last winter the motion sensors in front of his house operated all the time without apparent reason. Schaefer noticed the problem stopped around Easter. When asked what government agencies are attacking him, Schaefer said, "As far as I can tell, the Air Force, Army, Department of Defense, Justice Department, Department of Energy." **when asked why they want to attack him, he said it was because of his radical activities and writings.** When asked if he'd investigated and tried to find proof, Schaefer said he's been met with 'plausible deniability.'" But he said, "There seems to be evidence they have this technology." Schaefer has cited the Pentagon's HAARP project-High Frequency Active Auroral Research Project-by the Navy and Air Force as proof of the government's involvement in electromagnetic energy research and manipulation. (HAARP was listed as one of Project Censored's Top Ten Censored Stories of 1994.) "I sent a letter to (US Senator from Missouri) Kit Bond," Schaefer said. "Bond asked for more information and then never answered after that. When you don't hear from them, that means they know." Schaefer added that the FBI would not take a report. After eating the shrimp and fries in Nichols, Schaefer demonstrated the "adverse energies" affecting his car, in the parking lot. He held the pendulum over the rear bumper of his beat-up 7-something fastback Mustang. the contraption rotated counterclockwise, just as it had in the restaurant. Then he held the pendulum over the bumper of a green garbage truck and it swung clockwise. For Paul Schaefer the proof of adverse energy is all around.

Here are excerpts from the **International Review of the Red Cross 279, 1, Nov. 1990 entitled "The Development of New Antipersonnel Weapons by Louise Doswald-Beck and Gerald C. Cauderay.** In comparing Paul Schaefer's account to the weapons described in the article, a picture emerges. Paul's account of targeting by government beam weapons because he was an activist becomes very plausible. Of course Paul would never be able to prove targeting of **classified** electromagnetic weapons.

5. Directed Energy Weapons. . **Research work in this field has been carried out in almost all industrialized countries, and especially by the great powers, with a view to using these phenomena for anti-materiel or anti-personnel purposes.** .It is possible today to generate a very powerful microwave pulse (e.g., between 150 and 3,000 megahertz), with an energy level of several hundreds of megawatts. **Using specially adapted antenna systems, these generators could in principle transmit over hundreds of metres** sufficient energy to cook a meal. However, it is important to mention that the lethal or incapacitating effects which can be expected from weapons systems using this technology can be produced with

much lower energy levels. Using the principle of magnetic field concentration, which permits the control of the geometry on the target, by means of antenna systems especially designed for the purpose, the radiated energy can be concentrated on very small surfaces of the human body, for example the base of the brain where relatively low energy can produce lethal effects. **In spite of the rarity of publications on this subject, and the fact that it is usually strictly classified information, research undertaken in this field seems to have demonstrated that very small amounts of electromagnetic radiation could appreciably alter the functions of living cells.** Research work has also revealed that pathological effects close to those induced by highly toxic substances could be produced by electromagnetic radiation even at very low power, especially those using a pulse shape containing a large number of different frequencies. **Some research seem to have confirmed that lo-level electromagnetic fields, modulated to be similar to normal brainwaves, could seriously affect brain function.** Experiments with pulsed magnetic fields carried out in animals have reportedly produced specific effects such as inducing sleep and triggering anxiety or aggressiveness, depending on the modulation of the frequency used. It is, on the other hand, well known that lethal effects can also be produced by using higher power levels than those used for the experiments on behaviour modification. **An anti-personnel weapon based on such biophysical principles could produce similar effects to those of a nerve gas, but would have no secondary effects and leave no lasting trace.**

### Carole Sterling

Carole committed suicide in order to escape the torture of electromagnetic technology. Here is an article in The Star Beacon, October 1996 page 2 by Carole.

Incident at Mesquite, Nevada conference Dear Star Beacon, I am writing about something that happened to me which goes back to December 1995. I went to a conference in Nevada. The day following the last night at the conference, I noticed that I had an injection mark on the base of my spine which was sore. Then the nightmare started three days after my return to Washington, DC An irregular pulsing and humming sound- which at first seemed impossible to tell what direction it came from- it seemed louder when I was lying down, **was crushing me with pain.** The oppression was unbearable; shockwaves, like a beating, were particularly painful in the head and in the areas where I had scars or surgery. It reverberated in those areas as well as in the area just behind the ears (the mastoid bone area, filled with air pockets). **It totally scrambled my brain,** leaving me unable to think properly, simply functioning on sheer shock and horror, with total incomprehension of what was going on. It actually was debilitating. The room felt like a torture chamber. This forced me out of my home. I desperately went to my relatives' home five blocks away. This began in their home, too. As I lay down trying to sleep, I heard two sharp cracking sounds on the television set and the same thing started again. This time I was better able to notice that whatever this was it was primarily directed to the left side of my head. The effects were so intense. My flesh felt as if it were being kneaded like dough; the glands under my chin were excruciatingly painful, as was the area next to the knees where I had scars. When I moved to the other room this started again after a few minutes; the two cracking pops on the television glass, followed by the excruciating pain. As I said, this seemed to be

zeroing in on the left side of my head. What I did- maybe too late- was shield my head as best I could with aluminum wrap, which I could hear cracking like popcorn in a microwave. The intensity of this horrifying experience lasted for three days. It followed me like radar, zeroing in on me, to two other friends' home a few miles away, where I had gone to because I was trying to get away to avoid the pain. Since then, I have felt extremely ill with recurring excruciating symptoms every day. **The left part of my brain is where these symptoms seem to be localized.** However, nothing has shown up on an MRI or EEG. I believe that the technology used, be it **some type of a frequency assault**, some sort of directed energy, in addition to whatever was injected in me, has caused damage to my brain. [I have] been living with this debilitating and excruciating pain for the last eight months so far. The pain, which feels like an extremely sharp sciatic pain localized in the left side of the brain, is accompanied by stupor, memory loss. My brain feels scrambled, at times far worse than at other times. The only improvement is that my hands, which were quite numb and stiff, are back to normal as of two weeks ago. **Needless to say, this is something I no longer discuss with some family members or doctors, as they think it is so far-fetched, they just do not believe me.** Only very few people do I discuss this with. Writing this has been an effort of sheer will, at a time-usually the early hours of the day-when the symptoms are not as severe. I am trying to get better physically and get rid of the pain, hoping that somewhere there are individuals who are familiar with this kind of technology and can help me. Carole Sterling.

The comparisons of Carole's experience to the effects which electromagnetic weapons are designed to produce are similar. Dr. Barbara Hatch Rosenberg wrote in Sept/Oct 1994 Bulletin of Atomic Scientists, page 45, "Many of the non-lethal weapons under consideration utilize infrasound or electromagnetic energy (including lasers, microwave, or radio-frequency radiation, or visible light pulsed at brain-wave frequency) for their effects. **These weapons are said to cause temporary or permanent blinding, interference with mental processes, modification of behavior and emotional response, seizures, severe pain, dizziness, nausea and diarrhea, or disruption of internal organ functions in various other ways.**"

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## Chapter 1. The Victims

### Who are victims of electromagnetic nonconsensual experimentation?

In the eyes of the general public, nonconsensual experimentation has been a non-issue, an issue that comes and goes and that the public knows little about. While most agree with the Universal Declaration of Human Rights, adopted in 1948, which states that "All human beings are born free and equal in dignity and rights", in practice victims of human experiments without their consent have lost their rights in the United States. There has been the Tuskegee syphilis experiments, conducted by the U.S. National Institutes of Health and radiation experiments by the U.S. Atomic Energy Commission. Recently, President Clinton stated publicly that he was sorry that the Tuskegee experiments took place. Forty years have passed before the U.S. government admitted to the classified radiation experiments, although victims had tried to bring the issue into the public arena.

## **Now there are allegations of nonconsensual classified experiments involving new electromagnetic technologies.**

There have been victim reports as early as 1955. Like most illegal experiment programs, powerless people have been targeted. The use and development of the technology in experimentation began with scattered cases in prisons and hospitals, on street people and mental patients, political enemies of the state and on foreigners in the 1950s and 60s. By the 1990s, middleclass people and also professionals who are victims from most countries of the world are coming forward with stories of torture, mainly from the United States and Russia. Some cases include children. Victims say that the experimenters have no morals.

Victims report the control of the behaviors of groups of people, indicating a computer-radar system. The above description may sound far-fetched but less so within the context of this book. The U.S. News and World Report, Jan 24, 1994, p. 34 article entitled "Cold War Experiments" is an excellent overview of US government experimentation. Recently, there have been reports of Cold War radiation and sterilization experiments in Norway supported by the U.S. and Norwegian government from the 1940s-1990s reported by the London Times, 4-29-98 entitled, "US and Norway Used Insane for Nazi-style Tests".

Victims state the goal of the targeting is to destroy them, physically, mentally, professionally and on a personal level, to drive them to violence or suicide. The victims report debilitating, extremely disruptive and severe tactics along with the physical and mental harassment twenty-four hours a day, **anywhere in the world**, for years on end.

### **Victim claims**

#### **with comparisons to unclassified technology**

- **Briefly, electromagnetic technology works on the theory that the mind and body are an electromagnetically mediated biophysics system and the electromagnetic signals from outside sources can mimic the mind and body's electromagnetic signals and therefore a weapon can be developed based on these principles.** There is evidence that since the 1950s, the U.S. and other governments have been developing electromagnetic weapons which can remotely target the electromagnetic system of the human body for military and intelligence purposes. I have posted extensive reliable documentation on my website at [www.calweb.com/~welsh](http://www.calweb.com/~welsh).
- This is a bullet to mark descriptions of victim's symptoms
- The technology causes pain and can incapacitate the victim. Victims report very serious symptoms such as on, off control of pain in any nerve of the body, total control of body functions such as manipulation of breathing and heart beats, including heart stoppage and severe pain. Many victims report dream manipulation, memory input and control, subliminal control, visual hallucinations, holograms, hearing distortions, sense of touch distortions, microwave burns, involuntary muscle movement, voice and speech input, control of emotions and personality overlay. Victims report heat sensations to different organs of the body. Most report sleep deprivation and technology that can see what the victim is seeing in real time.

- There is a clearer picture of the problem now that victims are steadily coming forward. Over and over, they report physical pain, **microwave burns**, sleep deprivation and microwave hearing or voices of threats and abuse 24 hrs a day.

L.J. West, a **CIA psychiatrist** who died in Jan. 1999 (see previous Cahra article on US Human Rights Abuse) worked on studies of brainwashing to determine why American prisoners of war falsely confessed to engaging in germ warfare in the 1950s. **West determined that guilt could be instilled by solitary confinement and prolonged sleeplessness as well as by physical abuse.** He explained the behavior of cult members and kidnapping victims, **as the product of the three Ds-debility, dread and dependency. A prisoner is debilitated by inactivity, by sleep loss and filled with dread by constant threats of pain or death or harm to his family. He is rendered completely dependent upon his captors for information, food, shelter and life.**

As a comparison, here are a few articles discussing current technology. This describes military goals in psychological warfare and matches the total devastation of victims lives by this technology. Defense News 9-14-20-98 p1, the subtitle is "Mobile Bedlam Brigades would sow broad chaos, confusion". It stated "**Essentially, the concept's aim 'is to control the will and perception of adversaries, from privates to princelings, by applying a regime of shock and awe,'** group member Harlan Ullman, said Sept 9. "**It is about effecting behavior.**"

IEEE Almanack, April 2000 page 3 lists Dr. Don H. Johnson, he earned electrical engineering degrees from MIT and is conducting research on "how the brain processes sound and light." And in Intersections by the New York Academy of Sciences, April 2000, an article is entitled, "From the Decade of the Brain to the Decade of the Mind." The article stated, "Considerable progress has been made in elucidating the brain pathways involved in detecting and responding to threatening stimuli, and learning about novel threats. **The mechanisms of emotion and emotional memory within the domain of fear are emerging as a paradigmatic example of a well-characterized function of the brain.**"

"Supercomputing in Brain Research: From Tomography to Neural Networks, edited by J.H. Hermann et al. is an example of the extensive use of computers in brain research. Both corporate and government researchers are interested in t**he fundamental cutting edge scientific questions** as the following article will demonstrate. Approaching the 21st Century: Opportunities for NIMH Neuroscience Research The National Advisory Mental Health Council report to Congress on the Decade of the Brain", Jan. 1988 by USHHS. It listed 50 Important Questions to Answer in the Decade Ahead; Here is a sample. 6. **How are memories encoded, stored and retrieved?** 9. How can we create functional connections between artificial microcircuits and the nervous system? 28. **What essential properties of the brain give rise to conscious awareness?** 30. **What is the function of sleep, and how is it regulated by the brain?** 46. **What advances in mathematics, physics, and computer science can be used to enhance noninvasive bran imaging techniques?**

## **Microwave hearing: Government documents reveal history of an intelligence tool**

- Victims report microwave hearing, very negative voices, music and sounds, 24 hours a day for years on end. Victims describe direct communication with the computer programs of military-corporation scientists.

There are several government and scientific books and articles describing the microwave technology capable of creating microwave hearing. Thanks to Margo Cherney's FOIA request, here is the June 1, 1980 NASA abstract Report Number: AD-A090426. Margo received this letter from Brooks Air Force Base, Jan.25, 2000. Freedom of Information Act Request. ".Communicating Via the Microwave Auditory Effect: Awarding Agency: Dept. of Defense SBIR. **The requested information is fully denied under 5 U.S.C. 552(b)(1).**" Copy of letter available upon request. ) This NASA abstract clearly demonstrates the military mentality behind the development of microwave hearing.

A decoy and deception concept presently being considered is to remotely create the perception of noise in the heads of personnel by exposing them to low power, pulsed microwave. When people are illuminated with properly modulated low power microwaves the sensation is reported as a buzzing, clicking, or hissing which seems to originate (regardless of the person's position in the field) within or just behind the head. The phenomena occurs at average power densities as low as microwatts per square centimeter with carrier frequencies from 0.4 to 3.0 GHz. By proper choice of pulse characteristics, intelligible speech may be created. Before this technique may be extended and used for military applications, an understanding of the basic principles must be developed. Such an understanding is not only required to optimize the use of the concept for camouflage, decoy and deception operations but is required to properly assess safety factors of such microwave exposure.

The phenomena of 'hearing voices' as in the mental illness, schizophrenia is described in government documents with plans to use microwave hearing for covert military operations. For example, Microwave News Jan/Feb 1997 p 14. U.S. Air Force Looks to the Battlefields of the Future: Electromagnetic Fields That Might "Boggle the Mind" "**It would also appear possible to create high fidelity speech in the human body, raising the possibility of covert suggestion and psychological direction.**"

See also Microwave and Behavior by Dr. Don R Justesen published in American Psychologist Vol. 30, March 1975 Number 3. This article describes in precise terms how Dr. Joseph C. Sharp and staff transmitted the words for the digits 1 to 10 using a modulated version of an Allan Frey type pulsed microwave transmitter, i.e. voice to skull technology. See <http://home.nas.net/~raven1/frey.htm> for full article.

Microwave hearing is not new. A 1976 senate staff report of the subcommittee on Constitutional Rights of the Committee on the Judiciary entitled "Surveillance Technology" is a must read. Page 1280 stated as follows.

From the Federal Times, Dec. 13, 1976 "Microwave Weapons Study by Soviets Cited." The Defense Intelligence Agency has released a report on heavy Communist research on microwaves, including their use as weapons. Microwaves are used in radar, television and microwave ovens. They can cause disorientation and possibly heart attacks in humans. **Another biological effect with possible anti-personnel uses is "microwave hearing."**

**"Sounds and possibly even words which appear to be originating intracranially (within the head) can be induced by signal modulation at very low average power densities,"** the report said. According to the study, Communist work in this area "**has great potential for development into a system for disorienting or disrupting the behavior patterns of military or diplomatic personnel.**" No mention was made of the still-unexplained microwave bombardment of the American Embassy in Moscow. The study dealt largely with long-term exposure of days or weeks in industrial situations, which usually produce mild effects. Sort exposure to intense radiation can cause heart seizure and a wide range of physical disorders.

A CIA FOIA search for documents on 'Auditory' listed the following document. "F80-0547, 1974-12-02 untitled (Discusses A Highlight of the Conference on Auditory or Noise-In-The-Head Effect)

### **Frequently asked question: How can one person can hear microwave hearing while a person nearby cannot?**

This is a possible explanation. "US lab Tests Hypersonic Sound for Nonlethal Use", Defense News 9-14-98 page 3, stated ".a weapon that used low-frequency sound waves to incapacitate enemy soldiers. Designed by American Technology Corp. and called **Hypersonic Sound, this weapon is highly directional that enables a user to beam sound at an individual or group of people.** .It causes disorientation, pain and nausea. "It's hard to lead a group of people when you're having trouble standing up and you've just gone in your pants." said Del Kintner, the company's director of military programs."

The article continues to report that this weapon uses a new techniques for using air instead of a plunger-like speaker to create a sound wave. Working with the Naval Post Graduate School in Monterey, CA, **the company uses two beams of ultrasonic sound** at slightly different frequencies and the sum of the two and the difference between the two create different signals. **These signals "can be precisely aimed"**. The Monterey School is also working on "a technology licensed from a German inventor named Hans Raida that can be combined with the HyperSonic Sound technology to create **a high-powered , low frequency, long-range beam of sound, said Marine Corps Maj. Franz Gayle. "Hypothetically, we could make a weapon with huge amplitude using almost no energy,**" Please compare to ultrasonic bug and pest repeller advertisement below.)

### **Victims describe more symptoms with comparisons to science and military articles**

- Victims believe that neighbors, employers, the military, the FBI, defense contractors, cults, masons, ETs, universities, hospitals, the music industry, drug connection or DEA, DARPA, NSA, IDA, CIA, Hughes, Lockheed and similar entities are behind the targeting. Here is an excerpt from the NASA abstract above and it points to the likelihood of military corporation involvement. The majority of victims believe there is government involvement.

The NASA report above, AD A090426 continues;

Under MERADCOM's In-House Laboratory Independent Research (ILIR) Program an experimental effort to explore the basic interaction

between microwaves and brain function has been conducted. **In a joint program with DERADCOM, Stanford Research Institute (SRI) and Walter Reed Army Institute of Research (WRAIR), it was shown for the first time that lethality, seizures and behavioral performance decrements were strongly frequency and polarization dependent (2,3).** A later collaboration between MERADCOM and WRAIR demonstrated for the first time increases in the differential uptake of saccharides to water in several brain regions of rats when exposed to low power microwaves of the same characteristics which can create the perception of noise in people (4). These increases could be caused by alternations of the blood-brain barrier, brain blood volume, cerebral blood flow, or some combination of the above. In order to better define and understand these results a joint program was undertaken with MERADCOM, Naval Medical Research Institute (NMRI) and the National Institutes of Health (NIH) to measure local cerebral blood flow in conscious rats when exposed to low power, pulsed microwaves. It is these experiments which will be reported here.

- The brain, which is an electromagnetic system can be controlled remotely. The tiny electromagnetic signals can be deciphered and your innermost thoughts can be accessed. Unclassified science articles posted on Cahra website support this claim. In addition, classified research is always at least twenty years ahead of unclassified technology. Please refer to Cahra website for documents to show the advanced level of current technology. One example, BBC News Online Oct 11, 1999, Dr. David Whitehouse, Looking Through Cats' Eyes Fuzzy but recognizable. [http://news.bbc.co.uk/1/hi/english/sci/tech/newsid\\_471000/471786.stm](http://news.bbc.co.uk/1/hi/english/sci/tech/newsid_471000/471786.stm) A BBC News article reported on **the first pictures from an experiment to see through the eyes of a cat.**

A second example, ABCNEWS.com World News Tonight with Peter Jennings March 19, 1998 A Closer Look, Magnetic Therapy for Depression. with Forrest Sawyer, John McKenzie An ABC News transcript described magnetic therapy for depression, "**technology that can be used to manipulate people's thought processes, their mood, their memories and possibly even their will, if it is developed sufficiently.**"

As summarized in the New York Times Magazine, Sept 29, 1996, on Magnetic therapy. "scientists realized the key was rapidly pulsing the current on and off. Here's how it might work: A hand-held computer programs the pattern at which the fields will fluctuate. **The impulses move through the temporal lobe and penetrate deep into the brain, where they interfere and interact with the complex electrical patterns of the subject's neural fields.** When Persinger focuses the solenoids on the right hemisphere. they sense a negative presence, an alien. If you interfere with the opiate pattern, people get very irritated,"

Here is an examples of the great interest in brain research today. The San Francisco Chronicle, page 1 carried the 10-9-98 article entitle Brain: New Way to Map Mind and it stated, "**More than 25,000 brain experts have descended on Los Angeles to discuss such mysteries as how people hear music, feel pain and learn**

**language.** ". **Electrical activity can also be monitored directly, using a system of radar and electrodes on the skull,** according to Kurt Hecox at the University of Wisconsin. He displayed results of one series of experiments last week at the annual meeting of the American Pain society,"

Victims have described it as "like an electronic prison". Every electrical system in the environment can be controlled remotely, including people. Some victims call this 'street theater' and 'perception management'. It seems to be that by changing the timing and emphasis of normal stimuli in the environment, the scientist can see how the victim processes information. Victims report very repetitive, pavlovian type stimulus.

Here is an example of Pavlovian stimulus-response behavioral techniques used in recent experiments. Neuroscience of Mental Health II by the NIH Pub #95-4000 is also an excellent overview of the current state of neuroscience. One of the goals of the NIMH is to

**" Completely map all connections within the brain and define these neurocircuits in terms of their functions, morphology and chemistry; the areas of highest interest to the NIMH are those neural systems and tracts involved with cognition and emotions (page vi)."** On page 86 is the following. "**Emotional memory is readily studied in the laboratory using Pavlovian defensive conditioning, also known as fear conditioning. A test subject receives a neutral stimulus, such as a light or tone, simultaneously with a noxious stimulus, such as a mild shock. After a few pairings, the light or tone comes to elicit emotional responses without shock. .Through fear conditioning, then, stimuli acquire emotional meaning by way of association with emotional stimuli."**

This quote is from Aviation Week & Space Technology 1-19-98 p.55 on information warfare and US capabilities. ". **techniques as esoteric as 'mapping the psychological and cognitive makeup' of foreign leaders or key groups in order to predict reactions to manipulated information, ."** . And the follow up story, on 3-9-98, page 21 stated that [USAF Gen. John] "Jumper talked about tools **that could make potential enemies see, hear and believe things that don't exist"** The military is discussing the deployment of weapons to do just that, create symptoms of mental illness. And yet this information is not taken seriously by professionals and has not been accepted as relevant to victim's allegations.

The movie, "The Truman Show" portrays an unwitting subject of a TV program about a man's everyday life from birth on, twenty-four hours a day, until he figures it out. His whole life was engineered from start to finish for the TV program that people would watch. Victims say that the movie is like '**street theater**' except that their case is extremely negative. There is a new television program entitled 'Big Brother' that surveils occupants of an apartment, around the clock. It is a popular program according to the papers.

One excellent example similar to 'perception management' and 'street theater' described by victims is the following. Nonlethal technologies is described in Defense News, 12-14-20-98. The headline reads "Israel Looks for Technology To Fight Hezbollah Guerrillas. "This would include **crowd-control and urban warfare devices that temporarily could paralyze an entire village**, and allow Israeli troops to identify and capture guerrillas". "With these capabilities, we can hunt guerrillas in urban areas without hurting anybody," [Shmuel Gordon, researcher for the Begin-Sadat Center for Strategic Studies] said.

- Most victims report a blatant arrogance in how the technology is used. The attitude that "you will never stop us and we can do anything we want to you," is reported over and over by victims. It seems to be a cruel psychological trick, either to bring out the worst behavior in victims, and/or an effective cover story and diversion for the actual experiment being conducted. Or it is designed to **break personalities, like torture**. It is effective; most victims are left to sound mentally ill while they explain that their neighbors are after them and the government is beaming them with microwaves.

Here is an example of psychological warfare. Senator Sam Nunn predicted that the morale of Iraq's troops would determine the length of the Gulf War (New York Times News Service 1-19-91). The article was entitled "US conducts psychological warfare on Iraq" and described the propaganda efforts used against Iraq. "I believe that the key is the psychology of the Iraqi military," he said, "I certainly think it's possible there could be a psychological breakdown here, and if that happens, it could go very rapidly." It is easier to see what victims are describing in light of the military mindset. The government would conduct human experiments to know how to reliably get the enemy to surrender or to destroy the enemy.

This is an example of unclassified experiments by top scientists. They are studying electromagnetic technology on brain function. Victim claims become less far-fetched in light of this information. In "Approaching the 21st Century: Opportunities for NIMH Neuroscience Research The National Advisory Mental Health Council Report to Congress on the Decade of the Brain", Jan. 1988 by USHHS. Page 49 stated "**Several investigators had noted that when neurons were given brief but intense high-frequency stimulation their electrical properties were changed in ways that would fit those proposed for memory:** The changes were triggered by an electrical event, they were strengthened by repetition, and they persisted indefinitely. .the scientists found that intense high-frequency pulses trigger an unusually large release of calcium in the post synaptic cell."

It is interesting to note that ketamine research was also mentioned on the same page 49. Ketamine has also recently been in the news concerning **unethical research practices funded by the NIMH**, see Sacramento Bee 1-1-99 p A18, "Date-rape drug tested in humans, researchers criticized for 'inducing psychosis'." .test subjects took ketamine, also known as "Special K" or the "date rape drug." . **The idea of inducing psychosis in psychology or psychiatry, is the worst thing that can happen,** " Carl Tishler, an adjunct professor at Ohio State U. " **If you are a cardiologist, do you induce a heart attack in someone to see what it's like so you can study it?" ".But scientists say ketamine can give researchers insight into the nature of hallucinations and mood disorders, helping to unlock the mysteries of mental illness. The experiments began in the early 1990s. They were designed to provoke symptoms of schizophrenia in healthy people during a one-time exposure, said Dr. Trey Sunderland, chairman of NIMH's review board."**

- Victims have described offensive odors, which cause a person to leave an area. Noise campaigns are common. Victims report all type of sound distortions and manipulation of sound levels, even the creation of harassive sounds.

From Christian Science Monitor, 6-29-95 page 3. "**Pentagon explores fighting the Enemy with Glue, Bad Odors.**" Some relevant excerpts include the following. "Funding for other nonlethal technologies are hidden in top-secret 'black budgets," And "The Council on Foreign Relations report examined a number of global hot spots in which nonlethal technologies might have been useful."

From Defense News 6-8-14-98 by George Seffers the headline reads "US Urban Warfare Planners Test New Technologies" "Because urban warfare is expected to become increasingly common, the services until 2000 will continue conducting a series of urban warfare experiments. **One of the tests include hearing protection, including some that mute sounds at high decibels while enhancing sounds in the more ordinary hearing ranges such as voices or radio transmission.** The interest in hearing and its psychological effects has been tested on victims for years, according to allegations.

Even in the unclassified sector, new technology includes surveillance for 'abnormal behavior' in order to alert security personnel of criminal behavior such as a car break in New Scientist, 12-11-99 Vol. 164, No. 2216 page 25 by Graham-Rowe, Ducan, described the technology as a computer programmed under the notion that most people behave in predictable ways when walking to their car. **This behavior is transferred into a mathematical pattern and the computer recognizes it as such. "Anyone who deviates from this set pattern, such as someone who walks in circles or who lurks in shadows, will set off an alarm." This is just a small example of human behavior and how it is studied scientifically.** No doubt with the political will and the money of national security defense, as victims are alleging, human behavior has been studied and is controlled by government technology.

- Victims also report that the technology is incredibly sophisticated. Most victims do not openly describe the extent of the technology because it sounds impossible. But victims describe **the same cluster of symptoms over and over.** While technology expert Bill Joy warns of the evils of technology and several editorials such as U.S. News and World Report comment, (see section below), victims can verify that this technology is in the wrong hands and Joy's worse predictions are actually happening.

Here are a few examples of the advanced state of technology. Science Digest 7-84 page 30 stated Thomas Jensen, of Chicago's Rush-Presbyterian St. Luke's Medical Center, and Donald York "have discovered that just before a person says a particular word, the brain emits waves peculiar to that word alone. . **These waves are the same from person to person.**"

Dr. Richard Clark at the Flinders University of South Australia wrote the following in Think, Sept/Oct 92. Artificial neural network computer programs are used "**to include the ability to learn and recognize simple patterns of thought from the electrical fields of the brain.**"

Science Digest 10-81 entitled "Machines that read Minds" by Gary Selden stated that "**Indeed, CIA spokespeople have admitted 'following' ERP[This is the waveform that the brain characteristically emits after absorbing an external**

**event] research, perhaps the way the agency followed LSD research in the 1950s. .With remote monitors, such an instrument would be a spy's dream."**

It is naive to think that the CIA has not exploited this research.

In Nature, 1-22-98 Denis Le Bihan, a researcher at the French Atomic Energy Commission, he stated "**we can almost read people's thoughts**". The national bioethics committee is taking such threats so seriously that it is launching a study. The title of this article was "Advances in neuroscience may threaten human rights".

Once targeted 99% of victims are targeted for life. This happens in all of the cases reported to Cahra so far. There are many examples in scientific research of longitudinal research. Field studies are very desirable to scientists. Dr. S.B. Sells of the Institute of Behavioral Research at Texas Christian University is one example. He has investigated **space research studies and edited texts on human functioning in longitudinal perspective**. Since most people aren't aware of the vast amount of research, here are a few titles that give an idea of how scientists conduct human experiments. "Studies of Normal and Psychopathic Populations", "Patterns of Deviance", "**Prediction of Outcome from Childhood Behavior**" and "Clinical Picture at First Hospital Admission". The alleged experiments on victims today would be classified but these examples illustrate the direction and interest of scientists. Because of advanced technology, experiments do not have to be conducted in labs. Psyops as described above can be perfected in the field on unwitting victims. The science of human behavior, although classified, has come of age.

**In addition to experimentation, it is a surveillance and political weapon and victims report being systematically discredited**

- Victims are labeled as mentally ill and are in this way, 'neutralized', a very old tool of governments. Black bag intelligence break ins, burglaries, slashed tires, mail tampering and other known government intimidation tactics are commonly used on victims.
- Victims are reporting that they are targeted for experimentation, torture and/or harassment because of whistleblowing activity, numerous reasons such as because of their drug activity, to steal their creativity and ideas, political or personal retaliation, military or defense corporation connections or they don't know.

The description of the victims allegations matches the following examples of government motive, clearly stated in a Draft Department of Defense Directive Jan 1, 1995, Non-Lethal Weapons Policy by Dr. Christopher Lamb of the Pentagon's Special Operations/Low-intensity Conflict. Under "Employment, or specific cases of the use of non-lethal weapons", it stated the following. "**The term 'adversary' is used above in its broadest sense, including those who are not declared enemies but who are engaged in activities we wish to stop.**" The article does go on to state that it is not for domestic use. The possibility for abuse is there and **there are no safeguards or laws on electromagnetic weapons.**

What causes violence, can a political enemy be remotely controlled to commit suicide or cause a car accident? How are personalities formed, how are multiple personalities created, how can crowds be controlled? How can soldiers be made to kill on command? How does sleep deprivation affect performance in space? The answers are probably classified.

The controversial Dr. Jose Delgado described the following unclassified animal experiments. The New York Post, 3-22-67 headline read "Monkey Rejects Its Young on Radio's Order, Test Explores Way to Aid Mentally Ill". The article states under the subheading "Goal of Experiments",

"This is the latest and most sophisticated of a series of experiments Dr. Delgado has conducted in the electrical control of mental functions. His objective is not to manipulate, **but to explore the physical and chemical basis of emotional and thought** and also to develop new ways to treat the mentally ill. .and to control the sleep cycles of astronauts."

Animal techniques have already been applied to humans according to alleged victims The scientific background, motivation and basis for nonconsensual experiments as described by victims is evident

Victim's accounts are available on a website called the Mind Control Forum and victims have described in agonizing details, their experiences with this issue. It is not known how many victims have died. The Times Herald Record Dec. 15, 1994 reported a New York Times article on this alleged victim who died as a result of experimentation.

Instead, the police said, they [thirty-five university students] were held hostage for two and a half hours by a rifle-welding psychology student who ranted about a microchip in his brain, threatened to kill the students and demanded to speak to President Clinton, Gov. Mario M. Cuomo, members of Congress, the university president and financial-aid officials. The standoff ended when a 19-year -old sophomore from Long Island lunged at the gunman, who shot him once before others in the class wrestled him to the ground. [Note: The gunman, Tortorici committed suicide in prison.]

The purpose of this paper is to provide an understanding of the problem in order to save just one more victim. People react differently to extreme torture and the goal is to offer real hope for an end to the suffering. Working towards that goal is a better way to channel the absolute rage and extreme emotions which are inevitable as one's life is destroyed and one's mind is literally raped for years on end. Torture has indeed been improved and is a classified science. The heroes are the victims who survive this new Holocaust.

### **How many victims allege electromagnetic targeting?**

There is no accurate count of victims. Estimates vary between 300 to 1,000, to estimates based on radiation and cold war experiments of one half million. I have heard of estimates of 100,000 by another electromagnetic victims group. Recently victims from Japan, Germany, Bulgaria, Spain, Italy, Israel, South America, Canada, England, Scotland and more are going public. Victims are contacting me through my website at a rate of about 3-5 per month and as of spring 2000, Cahra has networked with over 500 alleged survivors.

### **Russian groups similar to Cahra, with over 1,000 alleged Russian mind control victims**

Besides the many victim's stories posted on the Mind Control Forum, over 70 at last count, here is a German television program shown on ZDF, "the second public channel,

and quite credible" according to the translator of this TV program. The program is Geheimes Russland (TV-Tagestip, Der Dienstag im ZDF: 22-12.98-22.15. This TV program gives a good description of the techniques used in the experiments. It was entitled

"Secret Russia" Here is an excerpt of the translated article.

"In the future are we going to be remote-controlled robots? Or gods, who with the help of a computer can correct their souls? In the search of answers to these questions, Jerzy Sladkowski went on a time trip through the Russia capital, the way nobody has ever seen it. Since the years of Soviet rule people have spoken furtively in Russia of secret research and experiments, which the Army and the KGB sponsor. Behind a hand held before the mouth they speak of "Zombies" -remote-controlled humans. Rumours are making the rounds, the talk is about victims, psychosis is on the rise. Anatolij Iwanytsch, a 47 year-old former boxer and dissident, has for the last three years acted as the "godfather" of the Moscow "Zombies." His organization has in the meantime grown to about a thousand members from all over Russia. News reports come in constantly from people who claim to have discovered symptoms of a sudden "psychic contamination." Whether and how many of them are actually victims of a remote control of the psyche no one knows. **Since the research about the "production" of remote-controlled humans is one of the best-kept military secrets in today's Russia.** Anatolij Iwanytsch considers himself to be a victim of psychoterror. He is constantly pressuring the state district attorney. He organizes vigils on the most frequented squares in the city. He's making an effort to get support, his past, and his outlook on the future. He is battling so that the "Zombies" will be officially [recognized] as victims [of the state's .] .office, a telephone, and a computer. He demands compensation for himself and his fellow strugglers, who, "as a consequence of psychological terror have suffered and continue to suffer." **The retired (pensioned) engineer and former dissident Slepucha avoids Organizations. He shys away from meetings or vigils in the city. He defends himself alone. The walls of his dwelling are covered with aluminum foil. With the telephone and television set aside, the doors and windows are stuck with primitive shielding, which are supposed to protect against [electromagnetic] energy coming from outside. The householder, who in conversations makes the impression of being completely of sound mind, wears antennae and battery-powered short-wave generators under his hat, which are supposed to protect him from an attack on his mind.**"

### **An explanation: making the connection between cold war mentality and victim's allegations**

There have been similar headlines over the years. A New York Times article on Rusty Weston and the shootings at the Capitol last year stated " **The delusions voiced by such people are familiar to anyone who has worked at a courthouse, a newspaper or a police precinct.** A **surprising** number of people think the CIA has placed transmitters in their molars, or that **the Pentagon is beaming death rays through their televisions,** or that the White House is secretly controlling their brains." "Timothy McVeigh who blew up the federal building in Oklahoma City in April 1995 killing 168 people , **believed the army had implanted a computer chip in his buttocks.**" "Weston's recent history -the delusional rage at the government for planting

land mines on his half-acre grubstake in Montana and **beaming mind-control rays through his neighbor's satellite dish-**"

The June 2000 Atlantic Monthly reported that while at Harvard College, the Unabomber, Ted Kaczynski, who ranted **against technology** in his writings, **was "subjected to brutal and abusive psychological experiment that today would never be allowed."** Professor Murray ran the psychology experiment and was an OSS chief psychologist who had monitored military experiments on brainwashing and sodium amytal interrogation. While there are many mentally ill people, there may be another explanation for some of the cases reported in the newspapers- mind control government experimentation.

The headline read, "Medhdad Dashti and the Siege of Henry's Bar" and is another example of alleged mind control, which took place in Berkeley. Sadly Dashdi killed a man and was killed himself. The Express, 12-7-90, page 21 stated that Dashti claimed that "**he United States government owed him sixteen trillion dollars because it had used his mind for telepathic experiments**" Dashti said, "As you probably know, some kind of supernatural phenomenon is going on around here by means of which people hear voices in their head. These voices come as different messages relating to our social life. God and different power levels that exist among us. I first noticed in radio and television they were talking to me. I became real mad after a while. **They are not only are reading thoughts, but injecting thoughts into the mind.**" Below Dashdi's quote is the quote of Marshall McLuhan, "Today, after more than a century of electric technology, we have extended our central nervous system itself in a global embrace, abolishing both space and time as far as our planet is concerned. Rapidly, we approach the final phase of the extensions of man- the technological simulation of consciousness, when the creative process of knowing will be collectively and corporately extended to the whole of human society, much as we have largely extended to the whole of human society, much as we have largely extended our senses and our nerves by the various media." Marshall McLuhan, who died in 1980, established his reputation as a communications theorist and his books made him one of the most famous and controversial scholars of the 1960s and '70s.

"California prisoner suits cost millions, clog court systems" the Sacramento Bee reported. Lawsuits filed by California prison inmates cost taxpayers more than \$25 million and Attorney General Dan Lungren is backing legislation to stem the flow. According to this article, Kevin Howard, on death row "**thought his thoughts were broadcast on prison loudspeakers**". Several prisoners have described this symptom. The counterargument is how can this prisoner prove that sophisticated signals are being used? He has no money. He has no proof. See previous Cahra articles on prison experimentation.

Victims sound crazy but what is happening to them may be a product of the cold war, a bureaucracy that needs dismantling. It is logical to question the government's interest in controlling behavior, studying violence and psychological weapons of war without killing.

## Sloppy vs. accurate news coverage: get the facts

The media is telling a one sided story of victims, whose behavior looks at first glance to be paranoid. But as in so many issues, there is more to the story. Mind control and psychological weapons are a national security issue and the true facts about victim's allegations are being suppressed in very systematic ways. There is also a bias surrounding mental illness.

For example, here are two articles that are not based on fact. The articles also jump to erroneous stereotypes or incomplete conclusions. A New York Times 8-2-98 article goes as far as describing an American archetype: the paranoid schizophrenic. This article by Joe Sharkey described the **archetype as a deranged man who believes that the CIA and other secret government forces are conspiring to control his mind who goes on a rampage, and innocent people die.** The article cites expert after expert to support the mental illness archetype and ends with the statement by Jackie Goldstein, associate professor of psychology at Stanford University, "But for those who are mentally ill], she said, it is logical, if not reasonable, to fix on bogeymen like the CIA: "Somebody all-powerful is out to get me? It must be the CIA Why? It's all-powerful. It's done all these bizarre things. And it's secretive."

Here is the second article in support of the stereotypical mentally ill rampage killer. The Washington Post, December 27, 1999, entitled "K-Rock adds new 'shocker." discussed Ralph Nader's Public Citizen watchdog group which claims "**A surprising number of people** who think they're receiving personal broadcasts are threatening and even attacking radio and TV stations, according to a new study." **The Ralph Nader group claims "the attacks and threats are the inevitable result of 2.5 million mentally ill Americans walking around untreated."**

Here is a comparison of the above two articles to the next two. Unlike the above, they are factual and the conclusion is based on proven facts. The New York Times, Aug. 4, 1998 reported on a five year Secret Service study of 83 people who attacked or tried to attack an American political figure or celebrity in the last 50 years. The guide and research report are now available from the National Institute of Justice (800-851-3420 or 810 Seventh Street, NW Wash. DC 20531). "The result, recently made available, challenge several stereotypes. **Fewer than half of the assassins showed symptoms of mental illness.**" The article continues, "It would be inaccurate to dismiss these attackers and near attackers as inadequate, unaccomplished losers," the report says. "None were models of emotional well-being," the Secret Service concluded, "**but relatively few suffered from serious mental illnesses that caused their attack behaviors.**"

The New York Times April 9, 2000 ran a series on rampage killers after conducting a study which studied 102 rampage killers over the last fifty years Some of the highlights of their findings revealed the following. "Most are white men. Many are military veterans." It continued, "Society has turned to law enforcement to resolve the rampage killings that have become almost a staple of the nightly news. There has been an increasing call for greater security in schools and in the workplace. **But a closer look shows that these cases may have more to do with society's lack of knowledge of mental health issues, rather than a lack of security.** In case after case, family members, teachers and mental health professionals missed or dismissed signs of deterioration." J Reid Meloy, a forensic psychologist at the University of California at San Diego stated, "There's a planning and purpose, and an emotional detachment that's very long-term."

## **The medical and psychiatric community's response to victim's claims**

The medical and psychiatric community are not investigating victim's claims. Park Dietz, a forensic psychiatrist, is a consultant on high profile court cases such as John Hinckley's court case for shooting President Reagan. He wrote an article for the Los Angeles Times 1-25-98 last year and stated, "Some patients believe that their thoughts are being broadcast to others, that transmitters have been placed in their bodies or that they are under electronic surveillance wherever they go." To challenge this classic belief is a formidable task. There are mentally ill people but they can be separated from cases of nonconsensual experimentation using scientific methods such as the following.

One possibility is to monitor victims for signals, thereby eliminating mental illness as a cause of schizophrenic voices or what victims refer to as 'microwave hearing'. This has been beyond the economic means of victims so far. An article by Malcolm Ritter, AP, May 20 1999 entitled "**pulsing magnetic field might ease imaginary voices in schizophrenia**" may be a research lead to pursue in the future. The article stated "Schizophrenia patients whose medication couldn't stop the imaginary voices in their heads gained some relief after researchers repeatedly sent a magnetic field into a small area of their brains." It continues, "Hoffman, deputy medical director of the Yale Psychiatric Institute is scheduled to present the work Thursday at the annual meeting of the American Psychiatric Association. " "The treatment is called transcranial magnetic stimulation or TMS."

## **Mental illness: the government's cover story for illegal experimentation**

To victims, the arche-type is the 'Cold War Mentality' and the 'Military War Machine'. For the US government to use mental illness as a cover for a 40 year behavior control experimentation program is as logical as the rationalizations of scientists who conducted radiation experiments and the UFO cover story for spy planes cited below. Also, see previous Cahra human rights article.

There is a well-documented history of government behavior control experiments. The obituary of Sidney Gottlieb in Time, March 22, 1999 reported that he was an "eccentric chemist who ran some of the CIA's most shadowy operations, including the agency's **infamous mind-control experiments of the 1950s and '60s**." Gottlieb once said the paucity of U.S. knowledge on the effects of drugs "**posed a threat of the magnitude of national survival**" to explain the existence of MKUltra, a program that mandated dosing unsuspecting citizens with LSD."

## **Example - Army document, low power microwaves**

Image of document  
Opens in a separate window

EFFECTS OF LOW POWER MICROWAVES ON THE LOCAL  
CEREBRAL BLOOD FLOW OF CONSCIOUS RATS

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## Background

Camouflage, decoy and deception techniques can play a decisive role on the modern battlefield. The rapid advance of surveillance, targeting and weapons homing sensor technology now makes every element which is detected almost assured of being destroyed. Camouflage, decoy and deception equipment and techniques are a low cost way to increase survivability and shift this balance by reducing the signature of targets (camouflage), increasing the signature level of the background (clutter), creating false targets (decoy), and distorting the perceived target value (disguise).

->M [crossout] decoy and deception concept presently being considered is to remotely create the perception of noise in the heads of personnel by exposing them to low power, pulsed microwaves. When people are illuminated with properly modulated low power microwaves the sensation is reported as a buzzing, clicking, or hissing which seems to originate (regardless of the person's position in the field) within or just behind the head [crossout]. The phenomena occurs at average power densities as low as microwatts per square centimeter with carrier frequencies from 0.4 to 3.0 GHz. By proper choice of pulse characteristics, intelligible speech may be created. Before this technique may be extended and used for military applications, an understanding of the basic principles must be developed. Such an understanding is not only required to optimize the use of the concept for camouflage, decoy and deception operations but is required to properly assess safety factors of such microwave exposure.

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## **Chapter 2. Why are victims targeted?**

As a result of the atomic bomb, the U.S. government conducted illegal radiation experiments. In brief, as a result of highly classified electromagnetic weapon technologies, victims are alleging illegal ongoing human experimentation today. Evidence supports this big picture. Nobody will inform the public that secrets of brain function were being explored for weapon purposes back in the 1950s. Therefore victims have searched for answers concerning electromagnetic weapon development and related human rights abuses.

There is a mosaic picture of classified military control of the technology for over fifty years and it is a complex, fascinating and still classified story. Here are a few examples. A U.S. Air Force Spacecom military slogan is "full spectrum dominance", while a Russian general made a famous comment that "he who controls the whole electromagnetic spectrum controls the world." See, *Electromagnetic-Effect Weapons: The Technology and the Strategic Implications*. Wiesbaden Federal Republic of Germany Jan. 16, 1988. Executive Intelligence Review. (Executive Intelligence Review Special Report. 317 Pennsylvania Ave.

SE, 2nd Floor. Washington, DC 20003 (202) 544-7010.

The CIA's MKULTRA program and LSD mind control experiments began in the 1950s, during the time of the Korean brainwashing scare. Albert Biderman wrote articles on the Korean brainwashing "Biderman acknowledges this study was also supported in part by

the Society for the Investigations of Human Ecology, which has been reported to have served as a conduit for CIA-funded psychological research." See John Marks book, "Search for the Manchurian Candidate". For an excellent referenced book on the history of government mind control experiments see "The Mind Manipulators A non-fiction account" by Alan W. Schefflin and Edward M. Opton, Jr. 1978, Paddington Press Schefflin is a law professor at Santa Clara School of Law, California.

A quote by the CIA director at a congressional hearing and his comments on the interest in electromagnetic technology is footnoted on my website. Harlan Girard of the International Committee on Offensive Microwave Weapons, received an **FOIA, (Freedom of Information Act), CIA 1959 MKULTRA, Subproject 119** document as follows,

To make a critical review of 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. As it is visualized, the task should begin with a general survey of research and instrumentation in a number of fields; including neurophysiology, biophysics, anatomy, physiological psychology and neuropsychiatry, as well as electronics, telemetry and communications engineering. At the same time that bibliographic and related activity is initiated, correspondence should be undertaken with all laboratories, companies and agencies working in or carrying out activities related to designated areas of the broad survey problem. Visits to laboratories may be undertaken if needed. The divisions of the problem fall naturally into five main areas; (1) bioelectric sensors: sources of significant electrical potential and methods of pick-up; (2) recording; amplification, electronic tape and other multi-channel recording; (3) analysis: autocorrelators, spectrum analyzers, etc. and coordination with automatic data processing equipment; (4) standardization of data for correlation with biochemical, physiological and behavioral indices; (5) techniques of activation of the human organism by remote electronic means. Progress has been made and the list of laboratories, investigators and resources in the Bioelectronic study is in preparation.

In addition, I have posted citations to the 1970s UN documents from Russia on electromagnetic weapons arms control proposals and they are available at any library with UN documents. One excellent book is The United Nations and Disarmament: 1945-1985 by the UN Department for Disarmament Affairs. (1985) New York, UN Publication Sales

No. E.85.IX.6. It describes Russian proposals to ban electromagnetic weapons from 1975 through 1985. This East West political disagreement, as described in this excerpt from pages 114-116, continues today.

In the last five years, there have been Russian, German, Australian and American TV programs on weapons which target the mind and the media is writing more about this issue. For example an excellent German TV program is; Secret Russia, Moscow The Zombies of the Red Czars A documentary by Jerzy Sladkowski, edited by Agnieszka Bojanowska, camera by Nikolaj Sidortschenko, producer Horst Kalbus, a production by Besta Film, Warschau, Stanislaw Krzeminski. Financed by (the German TV channel) ZDF and (the ??? TV channel) TVP, in close cooperation with (the French/German TV channel) Arte. The documentary aired on the German ZDF Tuesday evening, December 22, 1998, A VHS copy of the documentary is available from the German TV-station ZDF for the equivalent of 80 DM (approximately 40 Euros) plus shipping & mailing charges.

To order, be sure to mention the title and the precise date the documentary was shown on German TV (see above). The address is: ZDF Programmverwertung Postfach 4040 55100 Mainz West-Germany

This is an excerpt from "Secret Russia": SPEAKER (continued),

He alleges that the KGB already experimented on him during the 1950's. Fact is, at that time André was a prisoner of the Stalinistic camps and the KGB. Yirena Koslova sleeps in this cage to protect herself against the exterior effects of psychotronic influences. When she notices our expressions of disbelief she shows us an attestation from the International Center of Psychiatry which certifies that she is psychologically perfectly healthy. Yirena used to work for the Moscow district attorney. She was fired after she protested against the suppression of politically sensitive evidence.

Russian victims describe the same symptoms as the American counterparts. Electromagnetic weapons emit electromagnetic energy which is not visible to the eye. And electromagnetic health effects caused by exposure to electromagnetic energy has not been established by mainstream science. It is controversial. Therefore, like the Russian victim, most victims are assumed to be mentally ill because the weapon cannot be seen like a weapon such as a bullet, and it leaves no scientifically accepted wound like a bullet does. Based on the facts in this book and victim's allegations, it seems clear; victims are targeted for illegal experiments on how to control the brain, how the brain works under stress, in outer space conditions and on the battlefield. These are experiments for outer space, military and psy-ops or intelligence.

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## Chapter 3. Scientists and victims claim same warnings and predictions

Usually mind control is discounted and portrayed as a fringe issue and yet top scientists have warned about the dangers of mind control technology and predicted that it is a certainty in the near future. This section presents examples of the human behavior of discounting the victim's problem with the result that nothing is done to help the victim. Most victims have been unable to convince friends and family that the government is "reading their mind" or "beaming microwaves at them". The second section presents several world class scientists opinions about mind control. The similarity between the two sections is notable.

### Section 1. Victim stereo-type

Victims have been labeled with simplistic terms like 'conspiracy nuts' and 'kooks'.

Here is an example of how victims are lumped with conspiracy theories and loony street people or mentally ill. Jim Martin, who runs Flatland Publishing (PO Box 2420, Fort Bragg, California 95437 or <http://www.flatlandbooks.com>) is an alternative press publisher which sells mind control books and more. He wrote in Flatland Magazine #15 that "**I get calls from Hollywood on an irritatingly regular basis. Warner**

**Brothers called me and picked my brain on 'conspiracy theories,' telling me about some movie they were making which would have Mel Gibson and Julia Roberts.** [This is the movie Conspiracy Theory] based on the ravings of loony Mel, as Jerry Fletcher. .The central plot element involves a mind-controlled assassin who has flashbacks of his mistreatment at the hands of a rogue CIA psychiatrist.] **.Just check out Flatland Magazine #11, on mind control, to discover where they came up with their plot line. The audience took it as fantasy."**

A 1998 movie entitled "Disturbing Behavior" is about a neuro-pharmacist who's devised a behavioral modification program combining simple brainwashing techniques with cybernetics. He plants microprocessors in the kids' brains and transforms them from deviants to motivational blue Ribbon kids and something goes awry. It was rated as "too silly to be frightening." This movie may be disinformation, it is probably just a movie but it is easy to see how victims can be labeled and discounted.

And finally, refer to the victims section to find numerous examples such as the following. A New York Times 8-2-98 article goes as far as describing an American archetype: the paranoid schizophrenic. This article by Joe Sharkey described the **archetype as a deranged man who believes that the CIA and other secret government forces are conspiring to control his mind who goes on a rampage, and innocent people die.**

## **Section 2. Top scientists warn of mind control technology**

From the 1950s to 2000, scientists have been "on the verge of the discovery" of the key to consciousness or the fundamental brain code similar to the discovery of DNA. Here are predictions by Robert Oppenheimer in 1955, Dr. David Krech, UC Berkeley, 1965, Dr. H. Jack Geiger, 1994, Dr. Perpich of Howard Hughes Medical Foundation in 1998, Hans Mark, Director U.S. Defense Research and Engineering in 1999 and Bill Joy, computer expert in 2000.

Robert Oppenheimer wrote "Analogy in Science in The American Psychologist and presented the paper at the American Psychological Association, San Francisco, CA on Sept 4, 1955. Oppenheimer stated:

There are other ways in which we are brothers. In the last ten years the physicists have been extraordinarily noisy about the immense powers which, largely through their efforts, but through other efforts as well, have come into the possession of man, powers notably and strikingly for very large-scale and dreadful destruction. We have spoken of our responsibilities and of our obligations to society in terms that sound to me very provincial, because the psychologist can hardly do anything without realizing that for him **the acquisition of knowledge opens up the most terrifying prospects of controlling what people do and how they think and how they behave and how they feel.** This is true for all of you who are engaged in practice, and as the corpus of psychology gains in certitude, and subtlety and skill, **I can see that the physicist's plea is that what he discovers be used with humanity and be used wisely will seem rather trivial compared to those pleas which you will have to make and for which you will have to be responsible.**

"Mind Control on Way, Scientist Warns" in the New York Times Dec. 28, 1965. "

**Scientists must start thinking now about the possibilities of mind control that their research may soon make possible**, the chairman of a symposium on the brain said today." "**I don't believe that I am being melodramatic,**" **Dr. David Krech**, professor of psychology at the University of California, Berkeley said in the opening of the annual meeting of the American Association for the Advancement of Science." 12-29-65 of the New York Times, Krech suggested that "**probable future capabilities for controlling human minds contain more serious implications than even the successes of the nuclear physicists**". "

Here is a warning and recommendation from a human rights expert. On January 25, 1994 at the Hearing before the Committee on Governmental Affairs United States Senate entitled "Human Radiation and Other Scientific Experiments: The Federal Government's Role", the lead-off government witness, **H. Jack Geiger, MD**, professor of community medicine at City University of New York Medical School and national president of Physicians for Human Rights and founding member of Physicians for Social Responsibility. Dr. Geiger urged that citizens needed to be protected from human experimentation "invoking national security and secrecy."

He stated further;

Second, I think we need to look specifically to the risk that all of this can occur again [radiation experiments], and we have been told frequently that by today's standards, no, it can't. **What concerns me is the likelihood, the possibility, that we will have some other intense national security scare of the kind that we have in the 1940's and 1950's; that we will have some other development of a new category of weapon or potential weapon, whether chemical, biological, radiological, electronic, or other, and that there will be the same desperate urgency, invoking national security and secrecy, to discover the parameters of this threat, the parameters of the potential usefulness of this agent, and therefore to conduct experiments independently and without public knowledge or scrutiny of the kind that have drawn our attention to these.** It seems to me that is critical situation that we have to find ways to protect against, and one answer, at least, is that there should be no research, no matter how secret, no matter how classified as involving national security, that should be independent of the scrutiny of an institutional review board which includes non-governmental scientists not connected with the agencies that are conducting the research and which will apply the same standards and the same protocols both to individual and to public exposures.

Dr. Joseph G. Perpich, director for the grants program at the Howard Hughes Medical Foundation, spoke at the Woodley House Mental Illness Conference in 1998. The conference was aired on CSPAN and Dr. Perpich described the current state of research, "It has not been for lack of interest that brain research has not found its "revolution in neuroscience". He stated that "a New York Times article talked about computer chips to be so powerful that your knowledge and consciousness can be stored and uploaded into a clone's brain" Dr. Perpich was probably referring to the article entitled "Merging of Man and Machine Challenges Natural Selection, 8-14-98, by Rob Fixmer, New York Times. It discussed the 'Soul Catcher' by British Telecommunications PLC which "seeks to develop a computer that can be implanted in the brain to compliment human memory and computational skills." The article continues, "**This area of research may seem far-fetched, but it is really the logical extension of devices like pacemakers,**

**ocular implants, which simulate hearing for the deaf, and neuro-stimulators, which send small electrical charges through nerves to alleviate certain kinds of pain.** The article ends with the warning, "**.perhaps the most frightening question in these futuristic visions of the mind-machine meld is who or what can be entrusted to run the system.**"

U.S. News & World Report, March 27, 2000 page 10 reviewed a Wired article by Bill Joy, chief scientist of Sun Microsystems. The article states "**Joy predicts that robotics, genetic engineering, and nanotechnology could prove more dangerous than nuclear, biological, and chemical weapons.** His argument? First, the technologies tempt abuse. Where governments, by and large, controlled nuclear weapons, individuals will handle the new genies-and individuals are prone to mishaps and misdeeds Second Joy fears these technologies will render human beings obsolete. **This is not, he pleads, science fiction.**"

## Predictions of future technology

**Dr. Dean E. Wooldridge founded TRW in 1958**and quit in 1962 to pursue scientific interests. His comments in a book entitled The Machinery of the Brain, 1963, p. 178 illustrate the mindset on space research of that era. To solve the problem of speed of light travel that may require thousands of years one could "**record the contents of the astronaut's brain.[and transfer to a man made version of the astronaut ] the total recorded contents of the brain.**"

Fortune December 12, 1994 page 101, "AT&T's \$12 Billion Cellular Dream by Andrew Kupfer contained the following. Craig McCaw, who stepped down as chief executive [of AT&T] when the deal closed in September, is a strategist and dreamer. He's the kind of man who **in an interview with Fortune once suggested in all apparent seriousness-as color drained from the face of a PR man in attendance-that the Federal Communications Commission should reserve spectrum for telepathic communications to be made possible by brain implants he thinks will exist some day.**"

Here is example of the same scientific idea. A 1998 article from CNI News discussed the 'Soul Catcher' a chip which makes it possible to imbue a new-born baby with a lifetime's experiences of another person. "**This is the end of death" said Dr. Chris Winter, of British Telecom's artificial life team. He predicted that within three decades it would be possible to relive other people's lives by playing back their experiences on a computer.**" British Telecom would not divulge how much money it is investing in the project, but Dr. Winter said it was taking "Soul Catcher 2025' very seriously. He admitted that there were profound ethical considerations, but emphasized that BT was embarking on this line of research to enable it to remain at the forefront of communications technology."

And finally, see Cahra previous article for quote on Hans Moravec, Carnegie Mellon researcher of the largest robotics center in the world, stated, "**.that within the near future, it will be possible to put a person's personality into a computer and a computer personality into a person.**"

A February 22, 1999 Forbes article described the thoughts of Peter Cochrane-the head of research at British Telecom Laboratories (BT Labs), the British version of Bell Labs. Cochrane and **his R&D staff of 660 biologists, engineers and physicists are**

**working on the kinds of technologies that usually exist only in science fiction movies.** In a 1996 paper, Cochrane dubbed this chip [in the brain] "Soul Catcher". The article went on, "Cochrane estimates that silicon implants will be common by 2010." "Cochrane dreams of the ability to access, and even interact with, the greatest minds of our time. **But if a silicon chip were embedded in their brains, it could capture their thoughts and also be removed once they died.**"

From Defense News, August 16th, 1999 "Hans Mark Director, U.S. Defense Research and Engineering. As the chief technical advisor for the secretary of defense and the undersecretary of defense for acquisition and technology, Hans Mark oversees the Pentagon's research, development, test and evaluation programs. **After 45 years conducting or administering military and government research, he is eminently qualified to guide development of new technology for the military.** An excerpt of the interview,

.Q. If you could pick three things for the DARPA [Defense Advanced Research Project Agency] what would you spend money on? A. **The first priority is to get heavily into basic biological research. Why biology? Well, biological warfare is obvious. But there are other things that are perhaps even more important in the long run. The obvious answer is that there's a computer between your ears that's pretty damn good in lots of ways. Q. So what you're talking about is creating a computer that works like biology? A. Yes. The scientific community already is beginning with neural networks to look at the architecture of the brain. Which means you have self-programming and all these things. We now need to look at biology to look at the functioning elements.**"

U.S. News & World Report, June 12, 2000, page 50 described a conference "Scientific Approaches to Consciousness." The dispute is whether consciousness can be reduced to a quantifiable element. The article stated that "**AI prophet Ray Kurzweil says that computers will exceed human intelligence no later than 2020. Not only that, he adds but computers will merge, with human memories being downloaded into machines and mechanical neural implants being installed in human brains.**" Scientists are writing books and actively researching this issue.

Top scientists over a fifty year period have publicly stated the same scientific idea for research and have described how important neuro research is. It would be logical to assume that another branch of the government may be working on it secretly.

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## CHAPTER 4. HUMAN EXPERIMENTATION

**The history of government illegal experimentation:  
No codification of the Nuremberg Code or penalties under U.S. Law**

The Nuremberg Code came into being as a result of the infamous medical experiments by the Nazis in WWII. Consent by the experiment subject was paramount and the code was adopted by the Department of Defense in the early 50s. In the article, "The only Feasible Means", Jonathan Moreno described the lengthy and highly classified discussions

surrounding issue of experiments on humans that were needed as a result of the cold war with Russia. While the Nuremberg Code was adopted in a classified Pentagon policy, "cultural resistance, .was far more subtle and difficult to control. **It was perhaps for this reason more than any other, that the policy's consent requirements were at best sporadically applied in the two decades that followed**" (Hastings Center Report, p. 11). The anti-Communist sentiment dictated that the experiments be conducted in spite of much controversy among the top pentagon officials.

The relevancy of the above is also in its support of the plausibility of nonconsensual experimentation occurring after radiation experiments. How and why or why was the public policy not changed to avoid the problem in the future? It seems that the public was appeased with superficial changes after the expose of radiation experiments in 1993 and the subsequent investigation. Radiation experiments were illegal but condoned. **There were government memos from the U.S. Atomic Energy Commission in 1947 stating, "It is desired that no document be released which refers to experiments with humans and might have adverse effect on public opinion or result in legal suits." Top officials were legally abusing the rights of radiation victims. National Security classification was used to cover it up. This is how top officials can bypass the democratic process.** Because the National Security Law has precedence over the rights of radiation victims, there is no recourse under the current law. There is no process by which current alleged victims can stop the electromagnetic experiments.

The radiation experiment investigation was ineffective to stop classified experiments from happening again because the Nuremberg Code was never codified under U.S. law and there has been little or no punishment for perpetrators of this crime. Few question the horror of Nazi atrocities in the Nuremberg experiments. And yet victims are alleging horrible human rights abuse with electromagnetic weapons which target the mind. In spite of the end of the cold war, it would seem that classified experiments are continuing as national security overrides the rights of experiment victims. H. Jack Geiger of the Physicians for Social Responsibility testified at a 1994 congressional hearing about his fears of classified experiments happening again because of "the likelihood, the possibility, that we will have some other intense national security scare.; that we will have some other development of a new category of weapon or potential weapon, whether.electronic, or other and that there will be the same desperate urgency, invoking national security and secrecy, to discover the parameters of this threat." **Geiger advocated an independent review panel for classified experiments, but this has not been done.** From this historical perspective, the cold war ideology can be seen as a major stumbling block in the nonconsensual experiment issue.

By covering up undemocratic and illegal behavior at top levels of the government, the victims of experiments on humans without their consent have been harmed via the **lack of a checks and balances system under national security law.** There has been a lack of effective U.S. law on experimentation and punishment for crimes such as radiation experiments has never become a statute or law. The underlying problem is governmental abuse of power via national security policy which allows classified experiments. Secrecy and the constitutional rights of the politically powerless experiment victims are in conflict.

Nonconsensual experimentation victims have been made politically powerless by the National Security Act. By defining the rules, those in power who hold the cold war ideology of national security interests at the cost of radiation victims. Those in power are able to carry out their policy. This is how the democratic system worked in practice for radiation victims and now for electromagnetic experiment victims.

The complexity of the issue is apparent. There is substantial historical evidence of another classified experiment program to develop electromagnetic weapons, like the radiation experiments. Without changes, the system will undoubtedly fail over and over in the same way. The codification of the Nuremberg Code and punishment for the perpetrators are essential.

## **Ethicists predict future illegal experimentation**

Ethicist, Jonathan Moreno wrote an excellent 1999 book on radiation experiments conducted as a result of development of the atomic bomb, The CIA's LSD mind control experiments exposed in 1970 congressional hearings, aviation experiments for military flight by the Nazis, war related medical experiments by Japan. and microwave weapons as a source of future illegal experimentation . The book is "Undue Risk Secret State Experiments on Humans", 1999, W.H. Freeman and Co. **Moreno stated that "in the next century, as in the past, military-medical research involving human subjects will be dictated by the limits of information available from other sources"**. Based on professional opinions, Moreno is one of many, it would be logical to conclude that there may be classified military weapon experiments that began in the 1950s and continue to this day. It is probable that nonconsensual experiments are conducted by highly classified cold war government bureaucracies to develop electromagnetic weapons and are similar to the atomic bomb Manhattan Project. The classified abuses such as radiation experiments are only now coming to light, fifty years later.

From the government's viewpoint, illegal cold war experiments on U.S. citizens has been the solution. In order to win an electromagnetic arms race, the effects of the weapons on the human body must be studied on human subjects. If there is an electromagnetic arms race, the U.S. would have to test the fundamental knowledge of how the brain and nervous system works for military purposes. Just as in radiation experiments, there would be baseline studies, fundamental stress experiments to find out how to apply electromagnetic technology to make the soldier a superior fighting machine and basic psychological warfare experiments on how to control the enemy, break personalities and scientifically demoralize the enemy.

Universal behavior: Scientists rationalize inhumane experimentation and show no remorse

George Annas stated the issue well in the Boston Globe, Nov. 27, 1996 Pg. A13. As many as 45% of German physicians joined the National Socialist Party, according to the JAMA, Journal of the American Medical Association accounts. He continues, Nazi physicians rallied to see themselves as physicians first with a calling and an ethic dedicated to healing and caring for the welfare of human beings, Instead they were seduced by power and ideology to view the state as the 'patient' and to see the extermination of an entire people as 'treatment' for the state's health. **The fact that we are not Nazis, the author added, does not mean we are immune from seduction by social, political, or**

## **economic organizations that seek to corrupt medicine for their own agendas.**

Aviation experiments, such as atmospheric pressure effects on pilots, were conducted by the Nazis in the concentration camps. Since the 1950s, when the first satellite was launched by the Russians, space has been the new frontier. Based on victim testimony and applying the opinions of ethicists such as Jonathan Moreno and George Annas, author of "Nazi Doctors and the Nuremberg Code", illegal, classified human experiments to study the effects of space on man would be the official, classified policy of the U.S. government, just as radiation experiments were.

Annas stated in his book that not one of the Nazi doctors on trial at Nuremberg showed any remorse, forgiveness or regret. **Eileen Welsome stated in her 1999 book, "The Plutonium Files", the same conclusion about the radiation doctors. They have not admitted guilt, wrongdoing or immoral behavior.** Top scientists knew radiation experiments were unethical but they proceeded nonetheless. For example, the article by Geoffrey Sea, "The Radiation Story No One Would Touch", Columbia Journalism Review, March/April 1994 quoted a 1950 memo to the director of the Atomic Energy Commission, Shields Warren from Dr. Joseph Hamilton of UC Berkeley. The memo discussed the problems of experiments that had "a little of 'the Buchenwald touch' and that chimpanzees rather than humans should be used for experiments of radiation effects on cognitive functions.

The mentality involved in illegal experimentation is clear and hopefully the legal system will take note for future trials involving nonconsensual experimentation. This is an excerpt from "The Plutonium Files" page 479 and 471.

Even though President Clinton, Energy Secretary Hazel O'Leary, and the Advisory committee had publicly acknowledged that many of the experiments were unethical, many scientists couldn't accept the idea that they or their peers had committed any wrongs. They maintained their belief that the ends they had pursued justified the means they used, **expressed little or no remorse** for the experimental subjects, and continued to bash O'Leary and the media for blowing the controversy out of proportion. Page 471. John Nuckolls, the former director of Lawrence Livermore National Laboratory who was also summoned to Washington, said he was taken aback by the way O'Leary had conducted the meeting. "And I was most startled when she invoked her grandmother in response to some of the arguments for why the tests needed to be done, saying she couldn't convince her grandmother of that. This was THE memorable remark of the meeting. I think I would have felt more comfortable if the issue had been addressed on its merits for the national security of the United States and not for what she, with her lack of understanding and appreciation, could explain to her grandmother. So she suddenly introduced this way of thinking about the problem-can we convince the non-technically trained and oriented person of the validity of these requirements. And I would say I was astonished when she did that."

This radiation victim's comment illustrates the deep emotions surrounding the crime of illegal experimentation. As reported in the Sacramento Bee Oct. 16, 1999 article; "A federal jury Friday ordered Massachusetts General Hospital and a retired neurosurgeon to pay \$8 million in damages to the families of two brain tumor patients who died 38 years ago from experimental nuclear treatments. .Wiping away tears after the jury awarded her \$2.5 million, Evelyn Heinrich of Westwood, whose husband George, 35, died from the treatments in 1961, said, "I have absolutely felt that the passage of time has not

diminished these crimes, not for one minute. **Human experimentation, what could be worse?**

Victims have reported that radiation scientists have conducted mind control experiments also. Dr. Sweet was accused of mind control experiments in a court case filed on behalf of Leonard Kille, an engineer who was implanted with electrodes. Dr. Sweet is the retired neurosurgeon mentioned in the 1999 article above. There has also been articles on Sweet's research of violence and prediction and his collaboration with CIA's L.J. West. (See Cahra website, Human rights article).

Here is a description of an unethical Russian experiment for space exploration. Bulletin of the Atomic Scientists May/June 1994 Vol. 50 Issue 3 page 16 "Cosmonauts Number Zero, After 20 years, the Soviet space program's human guinea pigs tell their story. by Nin Chugunova. **"In 1960 to late 1970s, there was a secret group called "Cosmonauts Number Zero" .recruited human subjects in space research. The Institute of Medical Biological Problems "collected data on new technologies, data from different work modes, and of course, data on human endurance."** One participant described one experiment. "Before the heart probe they gave me some substance that paralyzes all the muscles while you remain conscious. The psychological shock was so intense that it took me four months to recuperate. The procedure itself took four hours. I would lose consciousness, then wake up and think, this torture is still going on. **I remember it with horror. It's horrible, horrible.** " Across all nationalities, experiment victims are abused and the scientists display inhumane disregard for what they have done.

### **1994 U.S. illegal experiments in other countries**

The April 29, 1998 London Times carried a front page article by Andrew Glasse in Oslo entitled "Experiments on patients alleged" The report continued,

"American and Norwegian hospitals were involved in sterilization experiments on mentally retarded people using radiation in an echo of the Nazi era. Most of the work was done during the Cold War but some continued until 1994, according to the Oslo daily Dagbladet. "With chilling echoes of the Nazi era, the Americans and Norwegians were intent upon assessing the effects of radiation on different parts of the body and apparently had no qualms about the use of subjects who were 'easy to deal with'. according to Fredrik Mellbye, 81, who revealed the shocking details of the project. He is a former colleague of the then director of Norway's health services. . **Mr. Meilby said the Norwegian experiments were carried out with the co-operation of Americans 'at the highest level' and that Norwegian doctors were encouraged to seek US financial support. .public investigations in America have revealed that authorities there financed about 4,000 such experiments on humans between 1944 and 1994.** "

This could be analogized to the next major weapon after the atomic bomb, electromagnetic weapons, as victims are coming forward internationally with the same set of symptoms.

## How illegal experiments can happen now

The government will never inform the public about nonconsensual experiments. There would be too much abuse to admit to, too many court cases to settle and plausible denial at the top levels of government. According to the 1990s government Radiation Advisory Report, this is how radiation experiments were conducted, (See "Plutonium Files" by Eileen Welsome, 1999).

Given the many victims reporting the same cluster of medical symptoms over fifty years and the history of secret government experiments, it is highly likely that there were and are electromagnetic technology nonconsensual human experiments. In addition, national security regarding electromagnetic technologies today is comparable to cold war security surrounding the atomic bomb. A 1997 US News and World Report article on 'Wonder Weapons', stated: **"And for a good 40 years the U.S. military has quietly been pursuing [nonlethal electromagnetic] weapons of this sort. Much of this work is still secret," Louis Slesin, a trade publisher for the electromagnetic industry further stated, "People [in the military] go silent on this issue more than any other issue. People just do not want to talk about this."**

As a result of the national security laws, government officials officially lie and the public will have to figure out what is going on without a trust in what the government says on the issue. But evidence in support of ongoing nonconsensual electromagnetic experimentation is available to those who investigate. Dr. Robert O. Becker, two time Nobel prize nominee, scientist and researcher of electromagnetic radiation effects on the body and author of Body Electric, summarized, "**The government has never disproved the psychological effects of electromagnetic radiation.**" **Becker quote from CNN news broadcast, Special Assignment, Nov.-1985, by Chuck DeCaro, "Is there an RF Gap Weapons of War". For a 55\$ copy of this tape call CNN at 404 827 2712 and ask for R2501 #13, R2747 #33, R2501 #15, R2501-#17** This is an excellent tape featuring Dr. Ross Adey, Dr. Becker, the Russian Lida machine, Dr. Rauscher, Dr. Bise, Dr. Jose Delgado, Tom Bearden and more. It runs about 20 minutes.

Here is an answer to the reasoning "This could never happen." People are capable of unethical behavior, especially if there is no accountability. There are no checks and balances under the very powerful national security law. This is the pattern for radiation experiments and now electromagnetic weapon nonconsensual experimentation. "The U.S. government would never experiment on U.S. citizens today." This is a typical reply to nonconsensual experimentation victims. But by examining the evidence, the question becomes, "Why would the U.S. government NOT experiment on U.S. citizens today?"

There is an answer that isn't clear at first glance but by examining Stanley Milgram's experiments in 1974 on the willingness of individuals to follow orders that called for administering electric shocks to others, it becomes clearer. This famous experiment was recently quoted in a book for a graduate level government class, entitled The Dynamics of American Politics, Approaches & Interpretations, edited by Lawrence C. Dodd and Calvin Jillson, 1994, Westview Press, page 292. It discussed narrow cognition and the established evidence for the idea that "the moral agency of humankind is substantially conditioned by narrow cognition(March and Simon,1958)" or by "the tendency to identify with others in one's immediate orbit of contacts and activities". This has implications for unethical experimentation on another human being. The horrendous radiation experiments by the U.S. government, the Nazi and the Japanese medical experiments, fit Milgram's narrow cognition model. **It means that your neighbor or the person on**

**the street has the capacity to torture and this is not in some distant foreign communist country as the cold war mentality has suggested.** Please refer to Cahra website, human rights article for documentation on who and why people torture other people. It is not as uncommon as most believe.

## **Unregulated, unethical corporate experimentation today**

A Sacramento Bee June 7, 2000 p A newspaper article entitled, "EPA rejects human experiments to set pesticide limits", stated

"Since the 1960s, chemical companies have quietly submitted to the EPA scores of studies in which humans were knowingly exposed to pesticides. Questions over the ethics of such tests returned to the spotlight two years ago when the Environmental Working Group, a Washington-based advocacy organization, **reported a surge in human experiments in Britain in the 1990s.** The researchers, working mainly for U.S. companies, paid youthful volunteers about \$600 each to ingest small amounts of pesticides over several weeks, according to documents obtained by the environmental group. Last April, a similar study was conducted on student volunteers in Lincoln, Neb., by pesticide manufacturer Dow Agrosiences Ltd. Public outcry over such experiments led to the creation of the special EPA advisory committee on human experiments in July 1998. **But instead of offering ethical guidance on the issue, the panel quickly bogged down into bitter and sometimes public disagreement over whether human tests could ever be ethically acceptable.**"

### **Example: [London] Times Article - Allies' Nazi-style tests**

(London)

THE TIMES WEDNESDAY APRIL 29 1998

## **US and Norway 'used insane for Nazi-style tests'**

From Andrew Glasse in Oslo

American and Norwegian hospitals were involved in sterilisation experiments on the mentally retarded using radiation over a 20-year period up to 1994.

Although most of the work was done during the Cold War, some experiments continued until as late as four years ago, according to the Oslo daily *Dagbladet*.

With chilling echoes of the Nazi era, the Americans and Norwegians were intent upon assessing the effects of radiation on different parts of the body and apparently had no qualms about the use of subjects who were "easy to deal with," according to Fredrik Mellbye, 81, who revealed the shocking details of

the project. He is a former colleague of the then director of Norway's health services.

Last night the State Department in Washington was seeking clarification of the report from its embassy in Oslo.

"An unknown number of [...] had taken place. "I cannot remember that anyone at any time put their foot down to stop what was happening," he said. "Both authorities in the health services, psychiatrists and other doctors knew what was going on."

The revelations follow admissions by the Swedish authorities last year that 4,500 mental patients were made to undergo lobotomies in an officially sanctioned programme that lasted almost 20 years. Sweden has also admitted [...] sirable racial characteristics or signs of 'inferiority,' poor eyesight or sexual and social deviancy."

Last year the French launched an inquiry into reports that 15,000 Frenchwomen had been illegally sterilised without their consent after being declared unfit for motherhood. All were sterilised by state-run institutions.

Mr Mellbye said the Norwegian experiments were carried out with the cooperation of Americans "at the highest level" and that Norwegian doctors were encouraged to seek US financial support.

*Dagbladet* said public investigations in America have revealed that authorities there financed about 4,000 such experiments on humans between 1944 and 1994.

After Norway was liberated from Nazi occupation in 1945, it was eager for US military and economic assistance. When the Soviet Union, which shared a border with Norway, [...]

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## Chapter 5. National security law

### **National security law: the underlying problem, why victims are not getting help**

National security law prevents access to government information and is one major reason why victims are not getting help. Several related examples illustrate this problem. On a 1985 CNN news program the Pentagon stated that "**radiofrequency weapons are too sensitive to discuss**". Quote from CNN with reporter Chuck DeCaro "The Soviet Union vs. The U.S: Is There an RF Gap?" 11-16-85

Recently the director of the NSA would neither confirm nor deny the Echelon Project at a 2000 US congressional hearing. And further, Rep. Porter Goss stated, "the NSA operates in a very secret environment **without any oversight or legal strictures in place to**

**guide and control (its) conduct.**" Quote from Sacramento Bee, 4-13-200 "U.S. citizens not targets, top spies say NSA, CIA deny abuse claims" p. A1

And there is the U.S. government's huge disinformation program to hide special access classified projects from the public. For example, The Sacramento Bee, August 3, 1997 page A13 headline reads "CIA, Military lied about UFOs to hide spy planes." by William J. Broad New York Times. "In the darkest days of the Cold War, **the military lied to the American public about the true nature of many unidentified flying objects in an effort to hide is growing fleets of spy planes, a CIA study says.**" There have been several allegations that UFO abductions are a cover for mind control experiments and this needs further investigation.

The UFO cover story continues today. For example, the headline in the Sacramento Bee 1-31-98 read "No laughing matter '**UFO' base ruling gives government too much secrecy.** **Known as 'Area 51', the Air Force has refused to acknowledge its existence even though there is plenty of evidence.** Walter Kasza, reportedly worked on the base for seven years and claimed he was exposed to poisonous smoke as hazardous waste was burned on the base. He has died and Kasza's widow and four others sued the federal government. President Clinton issued an order exempting the base from all environmental laws. And the appellate court ruled that everything involving the base is a state secret .the government may use the state secrets privilege to withhold a broad range of information, Judge Pamela Ann Rymer wrote on behalf of the 9th US Circuit Court of Appeals. "Accordingly, if seemingly innocuous information is part of a classified mosaic, the state secrets privilege may be invoked to bar its disclosure." **The article then editorialized that this ruling "leaves the door wide open for the government to obfuscate a range of wrongdoing by claiming that the information surrounding these events cannot be untangled from legitimate state secrets."**

National Security is more sophisticated and entrenched today than in the past. In this article, the government policy on controlling the media for national security purposes is clear. The The 4-27, 5-3-92, p. 34 Washington Post article by George Lardner reported on a 1992 CIA report on "Greater CIA Openness". Director Joseph DeTrani stated "**PAO [CIA's Public Affairs Office] now has relationships with reporters from every major wire service, newspaper, news weekly and television network in the nation, " the report said. "This has helped us turn some 'intelligence failure' stories into 'intelligence success stories, and it has contributed to the accuracy of countless others. "In many instances," the report continued, "we have persuaded reporters to postpone, change, hold or even scrap stories that could have adversely affected national security interests or jeopardized sources and methods,"**

In The Bulletin of Atomic Scientist article entitled, "The Soft-Kill Fallacy," Sept/Oct 94 p. 43 Steve Aftergood stated, "The government secrecy system as a whole is among the most poisonous legacies of the Cold War. **the Cold war secrecy system also mandates ACTIVE DECEPTION."**

The article continues, "A security manual for special access programs authorizes contractors to employ "cover stories" to disguise their activities. The only conditions is that "**cover stories must be believable.**" Even the government is starting to recognize that official cover and deception programs are getting out of hand and need to be curtailed. A Joint Security Commission established by the secretary of defense and the director of central intelligence reported in March that "the use of cover to conceal the

existence of a government facility or the fact of government research and development interest in a particular technology is broader than necessary and significantly increases costs."

Obviously, the media will never publish a major story on this issue without the government's permission.

This is an example of how the military can control information that reaches the public. In the San Francisco Chronicle 10-31-98,pA7 article which stated, "Inside a brand-new, \$30 million brick building at Fort Meade Anne Arundel County, Md, hundred of soldiers, airmen and sailors are hard at work preparing. The officers and troops are students at the **Defense Information School**, where the Pentagon is now sending every one of the 3,500 military journalists it trains each year to join one of the biggest media machines in existence." One lesson cited was **"to respond to every question without necessarily answering it"**. It is interesting that the article points out the many students who 'find it hard to accept that the military should be open with information that might embarrass the government."

Here is illustration of an official policy to lie in the name of national security and for money, through the 1990s. In the book, Policy Paradox, The Art of Political Decision Making by Deborah Stone, Norton Books, p319, the author discussed examples of lying by top public officials for national security and financial reasons. The book referred to a New York Times article 8-18-93 p. A1 entitled "Lies and rigged 'Star Wars' test fooled the Kremlin and Congress". **A top official lied so that the Kremlin would think that the Star Wars weapons were more powerful than they were.** Another New York Times article P. A1 on 7-23-94 was entitled "Inquiry finds Star Wars tried plan to exaggerate test results" **A DOD official lied to congress and inflated tests of Star Wars technology in order to receive funding.** The following GAO report has the full story, GAO/-T-PEMID-93-5.

This is an example of serious violations of the law by the CIA with no punishment and consequent motivation for the CIA to discontinue this practice. "**CIA destroyed records of 1953 Iran Mission, Agency had vowed to detail role in coup**" This is the Sacramento Bee 5-28-97 headline. Both Robert Gates and James Woolsey, CIA directors publicly pledged that Iran records would be released as part of the CIA's openness initiatives. But the records had been destroyed in the 1960s. A historian who was a member of the CIA staff in 1992 and 1993 said that the records were obliterated by "a culture of destruction" at the agency. This is a breach of faith by the government. The CIA is uninformed of their own business and no one from the CIA, who most assuredly knew of the destroyed records, came forward to correct the CIA directors. Where is the enforcement of the laws for government lies, illegalities and cover up?

Because there are extensive official documents stating that electromagnetic technology is classified, (see this book and previous Cahra articles for citations) and in light of the official policy of lying and the past history of classified radiation experiments, current victims and the public need to be aware of the extensive efforts in effect today to cover up the currently classified weapon testing programs. There would have to be a current cover story for electromagnetic weapon testing and nonconsensual experimentation. The government can not be trusted. One final example, the **U.S. military withheld information about possible links between Agent Orange and birth defects,** and downplayed the defoliant's link to cancer. This was reported in the Sacramento Bee Nov. 1, 1998 p. A4. There are many more examples.

## **Tightly Controlled Information: the public can't even find out if a scientist is conducting classified research**

The same handful of scientists have discussed this issue publicly to a limited extent, over the last forty years. This includes Dr. Jose Delgado, Yale University, Dr. Karl Pribram, Stanford U., Dr. Robert Becker, two time Nobel nominee, Dr. Eldon Byrd, quoted in US News 7-7-97, Dr. Rauscher and Dr. Bise, predicting electromagnetic weapons to put a whole town out of commission in two weeks in 1985 on CNN, Dr. Ross Adey, world class electromagnetic radiation expert and Dr. Michael Persinger, now in Canada, and his theories of emr (electromagnetic radiation) creating God and UFO emotional experiences. The government has been known to cut off funding or other similar difficult to prove blacklisting techniques. These social pressure techniques are unofficial but people talk about them off the record. The word spreads quickly on what can and cannot be leaked. Numerous examples have been given in this paper. A current example is the scientist who sponsored the book honoring Dr. Schwan's work. He was also listed as an attendee at a nonthermal electromagnetic radiation conference. The nonthermal effects are the biologically active reactions to electromagnetic radiation, while the thermal effects are the heating effect only, as in a microwave oven. Dr. Schwan does not believe there are proven nonthermal effects. He set the U.S. military standards for EMR exposure limits in the 1950s. This would seem to be an excellent example of how the electromagnetic research is controlled off the record.

None of the scientists named above will talk directly, but will say they believe mind control is a weapon. They are to be admired because they talk more than most. The top scientists and government advisors such as Dr. Freeman Dyson describe technology to interface with the brain in their scientific books but when asked about electromagnetic weapons which target the brain, Dr. Dyson gave what seemed like a superficial national security answer, "that's not science". This is in contradiction to his previous papers on the topic. Also, top government officials such as ex-CIA director Woolsey stated that he was not aware of Defense News and other reputable sources on Russian mind control technology. That is an illogical reply, to say the least. (for further info on Woolsey quote, see executive branch section, Dyson, see Chapter 12, What can be done.media).

### No whistleblowers in national security issues

It is very unlikely that an insider will go public with the technology. For example, twenty five Star Wars Marconi defense workers mysteriously died by suicide and strange accidents in the early 1980s in England and was reported in a book by Tony Collins. The book is "Open Verdict An account of 25 mysterious deaths in the defense industry", Sphere Books Ltd., a division of MacDonald & Co. Publishers London, 1990. Collins wrote, "**This book is about a new type of war, electronic war. .It is fought by . research students in universities and electronics engineers working for defense contractors. .It is a war that must be waged constantly during peacetime to maintain the upper hand. It is a war that must be waged in secrecy.**" Tony Collins is executive editor of Computer Weekly. He worked for the BBC and national newspapers, such as Sunday Mirror.

The editor of the Collins book, Stephen Arkell described the discrepancies found during his investigation and problems such as the following.

"The companies and establishments where they worked are reluctant to give out details of any projects, even those already in the public domain. **In**

**addition, there are many other project, so called 'black' projects, which these organizations cannot even officially admit to. The secrecy surrounding the peacetime preparations for a future electronic war ensures that any attempt to prove or disprove a definite work link can be not more than a calculated stab in the dark.** .In May 1989, for example, eleven Russians and four Czechs were expelled from the UK for allegedly trying to obtain **highly sensitive information about powerful microchips, radar, laser technology** and advanced materials such as titanium and carbon fibres. These agents were reported to have approached the executive of defense contractors in a series of 'cash for secrets' deals. .Another theory .concerns the investigation into alleged fraud at Marconi. .This investigation [by the Ministry of Defense Police] has since resulted in charges being brought, .However there is not one scrap of evidence to suggest that any of the scientists named in the book were involved in fraud. .the deaths and disappearances of 28 defense workers is one of the most bizarre and enigmatic stories of the past decade."

A June 1989 Hustler magazine article entitled "Who's Killing the Star Wars Scientists", suggests that

**" the Russians are using a death ray to drive the scientists to suicide.** The British press blames stress. This wave of suspicious fatalities in the ultrasecret world of sophisticated weaponry has not gone unnoticed by the US government. Late last fall, the American embassy in London publicly requested a full investigation by the British Ministry of Defense. (MoD). .The Pentagon refuses comment on the deaths. But according to Reagan administration sources, "We cannot ignore it anymore."

The cover story and national security lies do not fit the facts and reality. Scientists have to lie for national security. Government officials are doing their job by lying to the public or denying the existence of these powerful weapons. Victims are trying to save their lives and must realize how the system and human nature work so that they can move forward with planned strategies.

### **The underlying problem: A classified electromagnetic arms race**

The U.S. won the arms race but weapons are still being developed. Please see international section below for details. There is significant evidence of an arms race to develop electromagnetic weapons. Rupert Pengelley, of the International Defense Review has **compared the atomic bomb to nonlethal electromagnetic weapons** and stated: "who will be first to use nonlethal, [electromagnetic] weapons so that they too will never be used." There are United Nations documents discussing electromagnetic weapons in 1975 when the Soviet Union had proposed a ban on the development and manufacture of new types of weapons of mass destruction and new systems of such weapons. A US-Soviet debate continued until 1996, when the resolution finally passed. In 1979, the Soviet Union clarified its position and provided a specific list of some types of potential weapons of mass destruction. "**Infrasonic 'acoustic radiation' weapons. They would utilize harmful effects of infrasonic oscillations on biocurrents of the brain and nervous system;**" **The UN document continues by describing "Electromagnetic weapons operating at certain radio-frequency radiations, which could have injurious effects on human organs"**. (See CAHRA website, international article for full quote.)

The newspaper article by Barton Reppert, AP Extra, May 22, 1988 entitled "The Zapping of an Embassy: 35 Years Later, The Mystery Lingers " is the ongoing story of the Russian microwave bombardment of the U.S. Embassy in Moscow since October 1953. Relevant excerpts from the article illustrate the government's motive to develop mind control technology. "The U.S. government still has not determined conclusively-or is unwilling to reveal- the purpose behind the beams. .Richard S. Cesaro served as deputy director for advanced sensors at the Pentagon's Advanced Research Projects Agency and also helped run the classified Pandora Project, in which monkeys were exposed to a 'synthetic Moscow signal' in a laboratory at Walter Reed Army Institute of Research. Arguing that the Soviet block's investment of funds, personnel and laboratory facilities in research on non-ionizing radiation bioeffects has far outstripped the West's, he [Cesaro] said, "I look at it as still a major, serious, unsettled threat to the security of the United States." [Cesaro continued] "**If you really make the breakthrough, you've got something better than any bomb ever built, because when you finally come down the line you're talking about controlling people's minds,**"

The international human rights community is aware of the dangers of electromagnetic weaponry Dr. Barbara Hatch Rosenberg wrote in Sept/Oct 1994 Bulletin of Atomic Scientists, page 45, "**Many of the non-lethal weapons under consideration utilize infrasound or electromagnetic energy (including lasers, microwave, or radio-frequency radiation, or visible light pulsed at brain-wave frequency) for their effects.** These weapons are said to cause temporary or permanent blinding, interference with mental processes, modification of behavior and emotional response, seizures, severe pain, dizziness, nausea and diarrhea, or disruption of internal organ functions in various other ways. The article concluded that ".international discussions are now underway that may lead to the development of specific new protocols covering electromagnetic weapons; a report is expected sometime next year."

Louise Doswald-Beck and Gerald C. Cauderay wrote the following in the International Review of the Red Cross 279, Nov.1, 1990, "**In spite of the rarity of publications on this subject, and the fact that it is usually strictly classified information, research undertaken in this field seems to have demonstrated that very small amounts of electromagnetic radiation could appreciably alter the functions of living cells.** Research work has also revealed that pathological effects close to those induced by highly toxic substances could be produced by electromagnetic radiation even at very low power, especially those using a pulse shape containing a large number of different frequencies." The article further stated, "**Some research seem to have confirmed that low-level electromagnetic fields, modulated to be similar to normal brainwaves, could seriously affect brain function.**" The article continues, "**Research work in this field has been carried out in almost all industrialized countries,** and especially by the great powers, with a view to using these phenomena for anti-materiel or anti-personnel purposes."

Dr. Robin Coupland of the International Committee of the Red Cross has warned about **weapons which can create psychosis and epilepsy** in a 1997 British Medical Journal article.

## **1989 Break up of the Soviet Union: major international incident led to exposure of 'mind control weapons**

And finally, here is a list of several articles, mainly from the last ten years, which **coincide with the break up of the Soviet Union in 1989.** Most are from the former

Soviet Union and concern 'mind control technology'. Victims have been trying to expose this technology since the 1960s. Like the dropping of the bomb at Hiroshima, only with major incidents or the passage of time are classified weapon technology publicly revealed. The break up of the Soviet Union is one such incident.

1. Defense and Foreign Affairs Daily Tuesday, June 7, 1983 Vol. XII, Number 104 "Psy-War: Soviet Device Experiment by Dr. Stefan T. Possony, Associate Editor
2. Tass, March 24, 1994 "Russian Military Say they Produce Psychotronic Weapons
3. Defense News, January 11-17, 1993 U.S. Russia Hope to Safeguard Mind-Control Techniques
4. Moscow News, March 12, 1994 Science
5. Newsweek, August 22, 1994 "A Subliminal Dr. Strangelove, Mind: Using the power of hidden suggestions, this Russian scientist tries to rewire the brain"
6. Handbook of Psychic Discoveries, Ostrander, Sheila and Schroeder, Lynn 1974 Berkeley Pub. Corp. p. 122, 86
7. Moscow News, March 25, 1994 "When asked noiselessly, answer silently" by Ninel Loginova
8. Moscow Times, July 16, 1994 "Computers May Hold Key to Subconscious" by Karen Dukess
9. Charleston Gazette, March 4, 1994 "FBI Rejected Mind Control With Koresh"
10. Defense Electronics, July 1993 or 4 "DOD, Intel Agencies Look at Russian Mind Control Technology, Claims FBI Considered Testing on Koresh
11. Herald (Glasgow), May 26, 1995 "Brainwash killers 'still in use'
12. Washington Times, May 24, 1995 "Reputed Rasputin advises Yeltsin; Ex-KGB officer dabbles in occult
13. Sacramento Bee, May 28th 1995 "The Kremlin's Black Magician"
14. Stolitsa, November 2, 1992 "MC-ULTRA" by Alexei Myasnikov
15. Moscow Times, July 11, 1995 "Report: Soviets Used Top-Secret 'Psychotronic' Weapons" by Owen Matthews
16. Delovoi Mir, February 15, 1992 "Mind-Control" by Ivan Tsarev
17. Los Angeles Times, 1976 or 1977, "Russia Testing Radiation to Cause Disease, Control Minds and Kill" by Paul Bannister
18. Los Angeles Herald-Examiner Monday Nov. 22, 1976 "Mind-Altering Microwaves Soviets Studying Invisible Ray"
19. Youth Action News "Electronic Mind Control"
20. DIA Task No T69-01-15 "New Approach to the Analysis Electroencephalogram" by Lisitsyn, S.K.
21. Psychic Warfare Fact or Fiction An Investigation into the Use of the Mind as a Military Weapon Edited by John White 1988, p 90
22. Fate Magazine February 1994 "Soviet Psychic Warfare" by Paul Stonehill
23. Executive Intelligence Review Special Report "Electromagnetic-Effect Weapons: The Technology and the Strategic Implications" 1988 Wiesbaden Editor Anno Hellenbroich. Excerpts
24. 21st Century, March-April 1988 "How Radiofrequency Waves Interact with Living Systems" by James W. Frazer, Ph.D., and Joyce E. Frazer
25. U.S. News & World Report Oct. 1, 1984 "Can U.S. Hold Its Lead Over Soviets in Science Race?" By Stanley N. Wellborm with Nicholas Daniloff in Moscow
26. CoEvolution Quarterly Winter 1977/78 "A Disturbing Communique." by Ira Einhorn
27. Commission On Security and Cooperation In Europe, Moscow Meeting of The Conference on the Human Dimension, Sept 10-Oct 4 1991, p. 9
28. Research Possibilities Reliable Newspaper and Magazine Sources Document Proof of Mind Control Technology Compiled by Cheryl Welsh See Cahra website.

29. Wall Street Journal, July 9, 1993 "Foreigners Seek Scientific ties with Russia" by Elizabeth Rubinfiem
30. Wall Street Journal, May 25, 1993 "Russia Lifts Secrecy In an Attempt to Sell Military Equipment" by Richard L. Hudson
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## Chapter 6. Victims have problems with bureaucracies

Congress, the judicial system , the executive branch, human rights groups: band aid help but no solution

Understanding how the government and international human rights community operate. An example: "Declining Congressional Behavior of Congressional Intelligence Committees in the 1970s and the 1990s"

Please note: This section is **a 1996 'A' college paper**. The democratic congressional system does not work for illegal experimentation. This lesson can be applied as well to other branches of government and the international human rights community. Victims will have to be resourceful and realize that the system is biased and unfair. I hope that the next victim will not go through the time and expense that I did to find this out.

### Intelligence Committee behavior from the 1970s to the 1990s: a decline

Congressional behavior can be analyzed by examining the congressional intelligence committees in the 1970s and in the 1990s. The overall trends of decentralization, the influence of money, iron triangles, (military, congress, industry alliances) and the congressional bureaucracy will show that as in many other congressional issues, the system is not meeting it's goals. This ongoing declining trend can be seen by looking at the history and accomplishments of the intelligence committees during the last thirty years. The CIA was labeled a rogue elephant during the 1970 congressional investigative hearings and unfortunately is seen in the same light today. **The CIA has increased it's power and has weakened democracy.**

The intelligence committees are a special congressional case because of national security and secrecy issues. Secrecy conflicts with democratic principles and democracy has been the underdog in this balancing act. Congressional intelligence committees are less accountable to U.S. citizens and more influenced by the military industry complex and politics. There are few whistleblowers and current laws do not encourage let alone protect them. **Senator Moynihan is one of the few trustees of national and democratic principles who will stand up against the CIA.** Unfortunately, he has had little overall effect on the behavior of the CIA.

Corruption is rampant. For example, **Congresswoman Barbara Boxer reported that the National Security Act is used as a cover for scandals, paybacks and overpayments by the military-industrial complex.** By unnecessarily classifying projects as black, there is accountability to no one. (Morrison, David "Dancing in the Dark." National Journal. 4-11-87, page 868) The congressional system itself is in need of change. **For example, congressional bureaucracy rewards those who find loopholes in the law. The National Security Act was used to cover up the Iran**

**Contra Affair and its flagrant violations of the law by the Reagan administration and the CIA. Punishment for these white collar crimes was lessened as President Bush pardoned six of the accused Iran Contra players.**

The 1990s political climate compared to the 1970s is perceived as more corrupt, more bureaucratic, more secretive and less democratic. Political policymakers such as the President and the Congress have to respond to the military industrial complex in order to receive support and lessen opposition to their reelection campaigns or proposed legislation. There are many other examples to support this declining trend.

**Intelligence committees of the 1970s**

The CIA was formed by the National Security Act of 1947 and **has been independent of congressional oversight until the 1970s.** It is critical to note that illegal CIA behavior has been discovered by leaks in a majority of the cases and not by monitoring functions of congress. The pattern then is a public outcry followed by congressional investigations. An internal CIA investigation called the "Family Jewels" **was leaked** in 1973 and behavior control LSD experiments and assassination plots conducted by the CIA became public knowledge. The 1974 and 1977 hearings took place and permanent intelligence committees were established for the first time.

It is a telling point that the intelligence committees were temporary or select committees. This is an indication of the CIA's influence to minimize monitoring of the CIA by Congress. It was only later that the committees became permanent.

The pattern since 1947 has been for congress to work on problems as they arise and to take no logical initiative since there is no political reward for confronting the CIA. An overall cold war philosophy has allowed abuses and patterns to continue. The CIA began when the antagonistic relationship with Russia developed into a cold war. An example of how Congress approaches a problem is the Watergate scandal in 1972 in which CIA employees were caught breaking into the Democratic party headquarters. There was a crisis and as public outcry faded, congress implemented a watered down revision and enforcement of the law.

Congressional committee leaders have had a major effect on the intelligence community. The Church committee had a very positive effect. Senator Frank Church was known for his ability to discipline members to keep secrets and for his thorough investigative approach. The Boren committee was well managed by Senator David Boren (D-OK) and he is responsible for implementing the recommendations of the Church and Iran-Contra committees, a very significant accomplishment. And there have been equally negative effects. In the House of Representatives, House Speaker Tom Foley was responsible for putting politics before efficiency and he chose several poorly qualified chairmen. (Smist, Frank J. Jr. "Congress Oversees the United States Intelligence Community Second Edition 1947-1994, U of Tennessee Press, 1994, page 307) The house intelligence committees have not always worked well with the executive branch or within the committee itself and politics have affected outcomes more often than in the Senate. The house members have proven less dedicated and less willing to spend time on unanimous consensus building as the Senate has successfully done.

## Ongoing problems of the intelligence committees

The intelligence agencies are not empowered to make foreign policy but to carry out executive orders. There had been a long term covert policy from 1980 to 1992, in which the U.S. supported the Afgan rebels against the Soviets. The executive branch political reasoning was that the Soviets were paying a heavy price for their expansionistic policy (Smist, 327). But the World Trade Center Bombing was a direct and unexpected outcome of this covert policy. Arab militants associated with the Afghans were behind the bombing. Many questions are raised by the use of intelligence agencies by the executive branch, such as public unaccountability.

From 1947 to 1975, the CIA had an agreement with the president to shield the president from responsibility for his covert action decisions. This is known as "the doctrine of plausible deniability" and the CIA would take steps to divert the trail of responsibility for covert actions from the President to other sources. Secretary of State Henry Kissinger testified before the Pike committee: "**Every operation is personally approved by the president.**" After this applied to every president since the CIA began (Smist,196). This was a step towards putting the blame onto the President and off of the CIA. The intelligence committees even had documentation to prove Kissinger's profound statement. But the intelligence committees were never able to prove or charge a president in any crime. The doctrine of plausible deniability was used to cover up illegal, unconstitutional activity by the president. This is another example of a turning point in democracy but the media missed it and the responsibility of the president for illegal covert actions was not to be enforced.

Up until 1991, congressional intelligence committees followed the political winds and at times would sidestep unpopular actions in order to please everyone but unfortunately accomplish little. By putting forth the relatively harmless proposal that most would accept, Congress monitored the CIA in a disproportionate and ineffective way. The CIA was increasing its power and going unpunished for its crimes. And the cold war was the perfect excuse for increasing secrecy.

## National security vs. democratic principles: the special dilemma of intelligence committees

Kathryn S. Olmsted wrote a book about government secrecy after Watergate, entitled "Challenging the Secret Government: The Post-Watergate Investigations of the CIA and FBI, 1995, U North Carolina. **She sees a relationship between the investigative reporters deference to the CIA and congress. National security concerns and the cold war are used as an excuse for letting the CIA run rampant.** The political climate favored the secrecy trend.

The National Security issues are conducted in closed congressional hearings and are not reported to the public. And what is reported about the CIA to the public is slanted and biased to favor the military-industrial complex and its influence by money. It reflects a co-opted relationship of the congressional committees and the CIA. These are glaring examples of CIA unaccountability. It adds to public cynicism when the CIA is unaccountable to the U.S. public. Eventually the U.S. public and democracy will pay the price.

Recently, the CIA has stated that they have no files of radiation experiments and

involvement by the CIA even when other government agencies have memos and documents to prove otherwise. (Radiation Advisory Committee. "Final Report: Advisory Committee on Human Radiation Experiments" GPO, 1995) And on CSPAN's Washington Journal, May 6, 1996, there was an interview with Robert M. Gates, director of the CIA from 1991-3, on his new book, "From the Shadows". He states that William Colby, director of the CIA in the 1970s had to disclose to Congress the CIA family jewels list of abuses in congressional hearings and if Colby refused, then it would have destroyed the CIA. Colby was unpopular for his frank testimony and would not have been forthright if he did not feel political pressure to reveal the information. **There was no law to impel Colby to tell the whole truth to the congressional committee and no reliable way for the congressional committee to insure that he was telling the truth.**

## **Identifying the problems of the intelligence committees**

A pitfall in managing oversight of the intelligence agencies is the lack of verification of information. The intelligence committees do not know the questions to ask because they may not know the covert actions that are classified. And the CIA directors are under no pressure to reveal all information since punishment is minimal for withholding information. It is not hard to believe that there is much that the intelligence agencies are not revealing that is illegal and going undetected.

There is currently no enforced or meaningful recourse for lying to congressional committees or other related illegal acts. Oliver North admitted that he lied to Congress. President Carter failed to notify Congress of the Iran hostage attempt as directed by law. He did not trust the Congress not to leak this information. And Congress is known for illegally leaking information. Senator Moynihan is notorious as was Les Aspin for leaking classified information. And information is leaked for political purposes. This unethical behavior adds to the public's perception of contempt for Congress. When combined with the fact that there are few checks and balances to the National Security Act, it becomes only a matter of time before abuse and corruption occur.

The unspoken congressional philosophy of bowing to the CIA and to sweeping problems out of the view of the American public are deeply entrenched. The U.S. public live a busy lifestyle and unless the problems of the CIA affect them directly, their limited time and energy will not be spent on seemingly remote problems. The CIA has many tools to keep their problems out of the public eye. Therefore, many political tools and congressional maneuverings can minimize illegal behavior. A good example of this is the Iran Contra Affair. The law was revised so that the National Security Act could not be an excuse for covering up a crime. This was a band aid remedy in the face of a major crisis.

## **Possible solutions**

American and Congress are larger in size than ever before and cynicism, detachment and alienation are indicators that the congressional system should be improved. Since Watergate, the U.S. public have lost confidence and trust in the U.S. government. With democratic minded leaders, more education of the U.S. public could reverse some of the negative trends. The media has been used in a positive way by the intelligence committees. CNN broadcast the extensive hearing on the Robert Gates nomination for director of the CIA and the public was informed about the operations of the CIA

There has been little influence by clientele groups on the intelligence committees. There

was no political muscle to exert and citizen groups such as the Committee on Law and National Security, a branch of the American Bar Association were ineffective in promoting civil liberties in any meaningful way. This is a critical area to change.

## **Congressional intelligence committees in the 1990s**

A new report out on the "Roles and Capabilities of the United States Intelligence Community" discusses how to reform the intelligence agencies now that the cold war is over. President Clinton appointed the Brown Commission and the report was released on March 1, 1996. The mission of the CIA since 1947 has been to collect and analyze intelligence for the NSC and the president. Suggested changes have included merging the CIA and FBI and a form of this has been recommended by the commission. After the bombing of the World Trade Center in 1993, this became a more popular view. Now there is an Intelligence-Law Enforcement Policy Board that combines the two agencies while keeping the agency charters separate. The Board now meets twice a week.

Other areas of debate within the commission is whether the CIA should be active in industrial espionage. The conclusion was not in favor of this. The CIA has been reported to have spied on Japanese negotiators in the bilateral auto talks. The CIA has violated many laws since 1947 and with little punishment, it is not surprising that they continue to do so.

In 1995, President Clinton also signed a classified order which outlined the intelligence community and its goals. The users of CIA data outlined what they want the CIA to provide them. This is another example of the minimal amount of information available to the public and lack of monitoring or uninvolved third party to ensure that the U.S. intelligence agency spends tax dollars in legal and economically sound ways. There are political repercussions for the congressman who rocks the boat. It can be expected that this will continue.

Overall, new laws and legislation have not put the power in the hands of the majority but in the hands of the powerful and rich. These trends have continued for the last thirty years and a mechanism for correcting these trends is needed.

Congress will likely continue to have a relatively minimal role with the CIA. The bureaucracy will continue to reward corruption. Money and politics continues to negatively influence the behavior of congress. And in part, by shrewd political gameplaying, the CIA is stronger today than in the past.

Congress in the 1970s was new. Now it is established and should have improved. It would be expected to have a better record of carrying out its congressional duties. The intelligence committees are more methodical and conduct appropriations tasks and uses the best congressional power, the power of the purse, over the CIA. There is more oversight and accountability by Congress but the corruption of the overburdened political process and U.S. public cynicism and apathy have outweighed its progress. Overall, the performance of the congressional intelligence committees has declined.

Unbiased oversight, more accountability and national security vs. democracy issues need to be addressed. These should be top priorities. The congressional system has failed to correct these major problems and this is another indication of declining congressional behavior from the 1970s to the 1990s. Why has a major scandal, the Iran Contra Affair happened after the 1970s committee investigations into similar presidential and CIA

abuses of power and illegal activities? Inadequate safeguards failed and this is another indication that the intelligence committees are not effectively performing their duties.

And as a closing and telling example of the continuing trends, congressional and presidential committees are discussing major reforms of the CIA now that the cold war is over. The CIA is promising that they are reforming but the U.S. public should at least understand the political game.

## Footnotes

Hitchens, Christopher. "Unlawful, unelected, unchecked, How the CIA subverts the government at home." Sacramento Bee. 22 Sept. 1991

Internet alt.politics.org.cia H.R. 1655

Internet. Federation of American Scientists web page. U.S. House of Representatives Permanent Select Committee on Intelligence. IC21- The Intelligence Community in the 21st Century. The Intelligence Community Act of 1996.

Cooper, Mary H. "Reforming the CIA." Congressional Quarterly Researcher. 2 Feb. 1996

CSPAN. Commission on Protection and Reduction of Government Secrecy with Senator Patrick Moynihan. 1996.

Wise, David. "A Report That Blesses Espionage-as-Usual." Los Angeles times. 17 March 1996.

As a footnote on congressional political influence, pharmaceutical companies are very interested in human experimentation and are very politically powerful USA Today, 8-19-99 " **The pharmaceutical industry spends more money on lobbying and campaign contributions than any other industry in the country. They spend more than the insurance industry, the tobacco companies, the oil companies, the gun lobby, and every other special interest.**"

## The Executive branch: why there is a negative response

In the 1994 book, "The Semi-Sovereign Presidency Capitol Hill insider Charles Tiefer, acting general counsel to the U.S. House of Representatives, wrote about how **President George Bush circumvented Congress and used National Security Directives to create law and obscure the facts from the public.** Page 24 describes in detail this development of new national security powers in the executive branch. This is how the democratic system has worked in reality and in developing a strategy to stop nonconsensual experimentation, victims must account for it or waste their limited resources. Electromagnetic weapons are a national security issue and it is likely that directives would govern policy on their use.

The [National Security Act of ]1947 created the National Security Council, consisting of the president and vice president and certain Cabinet members, with one staffer, the executive secretary. .Occasionally, the NSC staff exercised authority through a new species of presidential directive. These directives were called National Security Council policy papers in the Truman and Eisenhower

administrations, National Security Action Memoranda in the Nixon and Ford Administrations, and Presidential Directives in the Carter Administration. **These directives took on the perilous role of secret law: They authorized action and specified the limits of the action, just as a public law or a public executive order would.** This Cold War history provided the tools used by President Bush's NSC to manage the courtship of Saddam Hussein in 1989 and 1990 and to hold back congressional oversight of this courtship in 1991 and 1992.

Here is one of many examples of lack of help at the executive level of government. Sept. 3 1997 reply from ex-CIA director R. James Woolsey, "A quick perusal of the material you sent reveals nothing with which I am familiar." Woolsey was referring to the 1993 Jan 11-17, Defense News article on Russian soldiers and electromagnetic signals used to increase their fighting capabilities and similar articles, (see Cahra website). The counterargument of course would be, why does an ex-CIA director NOT know about these important weapons? Woolsey continued, in response to questions of allegations of U.S. mind control experiments, "Conspiracy theorists always seem to me to forget that we have: 9a) a First Amendment, (b) two independent branches of the federal government outside the executive, and (c) a federal system." The counterargument would be that this did not help radiation victims.

### **How the legal system operates: political influence at the Supreme Court level.**

Former CIA officer during the Vietnam war, Frank Snepp wrote the 1999 book "Irreparable Harm" and discussed the CIA's law suits against him for allegedly not getting pre approval for any articles, books or speeches that deal with intelligence activities. His case went to the Supreme Court. Again, politics determined the negative outcome of the case. Snepps wrote a well documented chapter on how he found out after his Supreme court case that politics at the Supreme Court level affected the outcome of his case. He argued convincingly that Justice Powell used his influence on other Justices to form a majority opinion, based on Powell's personal political views and not the facts of the case. Snepp wrote,

" Seventeen years after the Snepp ruling, I visited the library to search these [Justice Marshall] for insights into how and why I'd been clobbered. Justice Brennan gave me permission to examine his own private records of the case. Together with the Marshall files, they provided as complete an insider's perspective as I could have wished for. . **Far from wanting to see my case deep-sixed, he [Powell] hoped to convince his brethren to take another look at it and to rule against me brutally. The proof of this is to be found in a document he circulated among them six weeks later. Bearing the title "Mr. Justice Powell Dissenting," it calls on the Court to take up my appeal for the sole purpose of destroying me financially. The effect of this Sermon on the Mount was catalytic, bringing five the number of justices who thought my appeal worth hearing on the most prejudicial grounds possible. No one in the newly forged majority had bothered to examine the raw case files.**

On page 353, Snepp then described another revealing document by Justice Powell, which may explain Powell's crucial role in the court decision against Snepp. Snepp raised the question of whether Powell was "so viscerally antagonistic toward me [Snepp] and all I stood for that he couldn't possibly have voted any other way".

.I happened upon **an extraordinary document he'd [Powell] written for the United States Chamber of Commerce in 1971, the year before he'd joined the courts. .this confidential memo titled "Attack on the American Free Enterprise System,"** No thoughtful person can question that the American economic system is under broad attack," he [Powell] remarked . **He named the culprits: "the Communists, New Leftists."** **Among his most hated bugbears were Ralph Nader.and the ACLU.which Powell complained had exploited the judicial system to advance its liberal agenda "** **The national television networks should be monitored in the same way that textbooks should be kept under constant surveillance,"** he [Powell] said. [Snepp] concluded "to a man of these sensibilities, the Frank Snepp case must have seemed the payback opportunity of a lifetime.

### **Human rights organizations will not touch this issue: no political will**

Joel Primack and Frank von Hippel wrote the 1974 book "Advice and Dissent, Scientists in the Political Arena". No doubt, national security policy comes before human rights and this is the harsh reality often overlooked by victims. Politics play a major role in the science community area also. Page 262 described the Federation of American Scientists (FAS). Public organization officials and government officials overlap.

The FAS had been born in the post-war scientists' campaign for the assignment of responsibility for atomic energy to an agency under civilian control.) In the late 1960s at about the same time a substantial number of high-level government science advisors began to move outside government and work through the FAS-partly in order to bring before Congress the ABM debate. .and by 1972 a former head of the elite Jason group of Defense Department consultants, Marvin Goldberger, had succeeded former Director of Defense research and Engineering Herbert York in the (unpaid) FAS chairmanship. . (**In 1973, Jason shifted its affiliation to the Sanford Research Institute,** another think-tank largely supported by the Defense Department.) . **The AEC, NSF, and Department of Health, Education, and Welfare (HEW) all devote several hundred million dollars annually toward sponsorship of research in universities and federal laboratories,** . PSAC (President's Science Advisory Committee) members also supervised a number of scientific panels on specialized topics, consisting in all of several hundred scientists. was to provide independent advice on technological issues to the President .advice which could serve to check and counterbalance the sometimes self-serving recommendations sent to the White House by the executive-branch agencies.

Dr. John Pike of the Federation of American scientists replied to a victim's request for help in an email dated Aug. 1998 and stated that, "the number of issues that they have the resources to work on is small relative to the possibilities." **While he felt that "the victim's claims were based on adequately established technology,** there are hundreds of issues and FAS chose not to address" this issue. Human Rights Watch, the

International Committee of the Red Cross and Amnesty International, also have chosen not to deal with this issue, even with repeated requests

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## Chapter 7. Electromagnetic technologies and national politics

### The Cold War is over: What will the U.S. government do?

By examining a few of the many articles on nonlethal technologies, one can see the outlook of the military and government and how the 'crazy' claims of victims correlate with ideas such as the new 'war on terrorism' and the 'war on crime'. **The military has found another campaign to sell their high technology to the US public.**

The experiments described by victims fit the goal of governments **to control and predict behavior.** By conducting baseline studies, the breaking point of different personality types can be predicted. And there is a long history of psychological experimentation. Just two examples is Pavlov who discovered a fixed number of personality types of dogs to B.F Skinner and his "control the environment and create the man," i.e. his behaviorism model of human behavior.

From the article, "The Soft-Kill Fallacy, Bulletin of Atomic Scientist, Sept/Oct94, p40, Steven Aftergood describes the origin of the military's public relations program to introduce non-lethal weapons to the public in the 1990s. "**The concept of non-lethal weapons is not new; the term appears in heavily censored CIA documents dating from the 1960s.**" This supports the chronology of victim's claims which began as early as 1955.

The 1978 book The National Academy of Sciences by Cochrane echoed what others have observed; Page 343, "**By December 1937, it was becoming clear that Germany, Italy, and Russia were using the Spanish Civil War for the field testing of modern weapons.**" The Americans used Viet Nam to test new electronic weapons and this is a good research lead. Evidence of the use of electromagnetic technologies has been found in the Vietnam war and the Gulf war so far, (see Cahra website and progress section below.)

It is difficult to predict government policy, but it is likely that the government believes that the formidable intelligence tool of reading people's thoughts, communicating directly with the brain, controlling every nerve in the body and discovering how the brain works for military purposes **is too powerful a weapon to declassify.** It's importance has been repeatedly compared to the atomic bomb by many experts since the 1950s See previous citations. The United States, it would seem, is declassifying non-lethal weapons because technology advances demand that they do so. This could be one of many reasons why there has been so much talk of domestic tools to fight terrorism and nonlethal weapons to be used for peace-keeping purposes. Some of the rest of the world is catching up but the US has a major lead in technology.

A fifty year old cold war bureaucracy is controlling the use of this technology and no one

person is deciding the policy on its use. U.S. Mind control technology was developed because the Russians were developing it too or vice versa. The exact facts are classified. But comparisons to the cold war mentality can help in the search for evidence and documentation. Here is an example of an unclassified abuse of power at the top levels of government, a system in which the democratic checks and balances are not working. The Iran Contra Affair was approved at the highest level, the presidency. As reported in Iran-Contra, The Final Report by Lawrence Walsh, Independent Council, 1994, p. 201, "**As CIA director, Casey and President Reagan shared similar world views, at the center of which was their determination to roll back communism and bring about the collapse of the Soviet Union.**" What is worrisome is the unaccountability of billions of dollars in black budgets and groups of people in government who are breaking the laws, such as in the Iran Contra Affair. **Even more disturbing, as reported in Iran-Contra,**

p. 526, is that it was not "a cabal of zealots" on the National Security Council staff, as the congressional select committees concluded in their majority report. **Instead, it was the product of two foreign policy directives by President Reagan which skirted the law and which were executed by the NSC staff with the knowledge and support of high officials in the CIA, State and Defense departments.** "

Similarly, the possibility of abuse of electromagnetic and neurological weapons is enormous. It is proving more difficult to keep mind control a secret forever, after fifty years of the development of behavior control weapons and since the technology is being tested covertly by so many people, on so many people, . The control of this technology is and will be played out by the major powers of the world. Unlike the case of biological weapons, third world countries cannot develop this weapon and are vulnerable and powerless in the face of this technology.

## **Corporate control of electromagnetic technology**

Like the atomic bomb, mind control technology is or will end up in the corporate sector but with much governmental control. It most certainly is controlled internationally. The level of technology needed to develop this technology is available in a limited number of countries with the requirements to manufacture it but money can change this factor. This is important because it creates a direction for victims to further research.

Once the technological basis of mind control are deduced, it may be productive to investigate arms and technology export/ import reports for further evidence. A Los Angeles Times 6-7-98 A1 article stated that as a result of the DOD slashing weapon purchases by more than half, the arms maker industry turned to foreign markets as part of a strategy that also included mergers and diversification into some unlikely lines of business. "Lockheed Martin Corp., for example runs welfare offices in Florida and Texas." It is not difficult to figure out how the connections between government and corporations are overlapping. This is clearly a global issue.

Oak Ridge National Lab, which is operated by Lockheed Martin Energy Research Corp for the US Department of Energy reported the following in an abstract entitled "Virtual Human". A computational model of the human is being developed to evaluate nonlethal technologies. **Science & Engineering Associates, Inc. have a website at <http://www.seabase.com/engineer.htm> with the following statements. "We also provide support of multiple government agencies for laser countermeasures, spectroscopic sensors and systems, high power**

**microwave, electromagnetic environmental effects and less than lethal weapons technologies.** " Again, there is significant proof of the widespread corporate, military overlap in the development and distribution of electromagnetic technology. And the top arms makers such as Textron, Lockheed Martin and General Electric make significant political contributions to influence arms policy.

There are companies like E Systems, a corporation which develops classified electronic surveillance technology for the US government and hires many ex-intelligence agency personnel (Washington Post, 10-24-94, A1). Competition is increasing and E Systems want to enlarge their market. Loyalty to the United States takes a second seat to economic concerns. The program, 60 Minutes aired an expose on this decades-old corporation which hires ex-intelligence agency employees. "IBM subsidiary admits illegal exports to Russia" stated the 8-1-98 Sacramento Bee newspaper article.

There are again many examples of the motivation of money rather than patriotism. "Spy Director Has Ties to Firm" 10-23-95, Spotlight newspaper, p14. "While on the faculty at MIT, Deutch apparently spent more time serving on the boards of big corporations than in teaching or research," says a long-time Senate oversight investigator. .In 1988-91, just before Deutch became deputy secretary of defense, he drew hundreds of thousands of dollars as a board member of Scientific Applications International, (SAIC), a major California defense technology supplier. Now SAIC is under federal criminal investigation for allegedly selling the US Air Force defective electronic cockpit instrument designed for the F-15 jet fighter." There are many corporations and leads to investigate.

One more example is the 12-30-98 Washington Post front page article on retiring Air Force Lt. General Leonard Perroots who spent three year as DIA director and is now President of the company Vector Microwave Research Corporation. "**Vector was a leading entrepreneur in a classified or 'black' specialty with high stakes and few rules: covertly acquiring foreign missiles, radar, artillery and other weapons for U.S. intelligence agencies.**" Federal agents are investigating the company for illegalities. Perroots has made public comments on mind control technologies.

Military cooperation with civilian law enforcement agencies: bureaucratic entanglement

An example of the military, civilian cooperation is the memorandum of understanding on 'Operations Other than War' between Deputy Secretary of Defense, John Deutch and Attorney General Janet Reno. ". **The agencies agreed to joint development of "advanced technologies and systems" that can be applied to both military operations and civilian law enforcement.**( this memorandum gave rise to the program now managed in large part by the Advanced Research Projects Agency.) This is an alliance that will expedite the entanglement of the military in domestic law enforcement." This article appeared in The Progressive, Jan. 1996 p22.

And another of the many examples, "FBI Gives Anti-Terrorist Aid for Local Agencies, New department to help train for domestic attacks". This 10-17-98, San Francisco Chronicle article discussed the new National Domestic Preparedness Office and Janet Reno is quoted as saying, "State and local governments (will be) a full partner in the planning effort." The overlapping jurisdictions are occurring more often.

## No political will to declassify electromagnetic mind control technology

Those with the power have too much to lose to expose this technology to the public. There is an industry that has built up around this technology for over 50 years. Here are three examples. The San Francisco Chronicle on 8-28-98 p 21A headline reads "Livermore Lab to Join FBI in Fight on Terrorism. **From nuclear research, Livermore is expanding in order to survive financially.** Now they will work on international and domestic terrorism anti-crime technology. FBI director Louis Freeh has stated "**the FBI potentially could be the most dangerous institutions in the United States**" if its "**awesome powers**" are not held in check. (Washington Post National Weekly Edition Aug. 11, 1997). U.S. News and World Report July 7, 1997 reported the following in an article on "Wonder Weapons". "Louis Slesin, editor of the trade journal Microwave News stated "**That's because the human body is essentially an electrochemical system, and devices that disrupt the electrical impulses of the nervous system can affect behavior and body functions. But these programs-particularly those involving antipersonnel research-are so well guarded that details are scarce.**" "**People [in the military] go silent on this issue,**" says Slesin, "**more than any other issue. People just do not want to talk about this.**"

The money to keep the electromagnetic programs going after the cold war may be found in war on drug and anti-terrorism programs. Here is a good example. Star-ledger, 4-26-90 Washington Post wire service page 5 reported that the "**Air Force has put into service a costly new radar and have plans for radar systems in Alaska, the West coast and North Dakota to help impede drug trafficking flights. The radar's high-powered radio energy bounce off the ionosphere and scoop up billion of "return" signals at massive antenna farms on the northern coast of Maine. An array of computers "surveys the myriad returns to detect aircraft at extraordinary distances. The Air Force budget cuts forced the transfer of the program to the Pentagon's drug interdiction budget.**"

In fact, this type of array could track people instead of planes, again, it is a physics problem to pick up the unique signals from each human. In Genesis Vol8 No. 6, Dr. Richard Clark of Flinders University of South Australia wrote that each person's brainwave is unique to that individual, like a finger print.

Mind control technology would be a business decision and distributed throughout the federal bureaucracy today. According to the GAO/NSIAD-90-07BR page 8, "**Section 6163 of the Anti-Drug Abuse Act of 1988 is based on a study performed by the Defense Science Board in 1987 to examine the use of innovative technologies for the detection and neutralization of illegal drugs and terrorist weapons.**" The DOD, CIA, NSA and National Laboratories are coordinating their research and technologies which include physical/electronic surveillance and radar to be used to curb drug abuse. This program may be a good program but much of it is classified and there is no public accountability. After the cold war, the need for funding is diverted to programs such as the drug war and terrorism. Again, the bureaucracy is large and involved huge sums of money and it can be seen how individual rights can be rationalized away for the greater cause.

If one examines the evidence and similarities to the accounts, the electromagnetic involuntary experimentation is a very systematic program based on principles of torture, psychological warfare and aviation technology which now includes space exploration. Radiation experiments have been replaced with controlling the body and mind remotely

and its applications to space research. **It is a weapons development program and the technology is designed to achieve the politically correct objective of controlling the enemy rather than the unpopular objective of death.** Military planners learned the Vietnam lesson well. The U.S. public does not consider war deaths lightly and the political costs are tremendous. Therefore to keep the military in a good light, the policy is one of promoting a perception of a deathless war and to avoid the political costs of confrontations. Note the examples of President Johnson's resignation over the Viet Nam War and the Iran Hostage failed rescue attempt during Carter's administration and Carter's subsequent low standing in the opinion polls. The effect on presidential politics is clear.

## Secrecy and billions of pentagon dollars

Here is an example of the problem with secrecy. "One immediate consequence of the excessive secrecy is a wasteful duplication of effort. Justice Department officials who surveyed some of the 'black budget' programs for possible law enforcement applications found the same technologies being developed in as many as six independent programs. "**We've been startled at the number of times we've run into this, says David Boyd of the National Institute of Justice. The waste results from a lack of independent oversight of non-lethal programs, which-like other highly classified 'special access' or 'black' programs in defense and intelligence-operate beyond the reach of the checks and balances that US citizens take for granted.**" From Bulletin of Atomic Scientist, Sept/Oct94 p 43, entitled The Soft-Kill fallacy by Steven Aftergood.

"Spy agency leader apologize" reported the New York Times News Service on 8-11-94. This article is an example of how secrecy works, the huge sums of money spent on surveillance technology and the unaccountability by top government officials for over 30 years. The NRO is a multi-billion dollar fleet of spy satellites and a new NRO office was built with money concealed by breaking it up into different accounts in its operating budget. This was normal, they testified in a congressional hearing, because it was a covert operation. **The NRO was a state secret until 1992, classified more secret than top secret.** Jeffrey Harris is the director and Jimmy Hill, the deputy director. Victims have traveled all over the world and are harassed wherever they go. The level of technology supports the allegations by victims of electromagnetic nonconsensual experimentation.

"CIA to probe files for radiation abuse", Boston Herald, Jan. 5 1994. "**Steven Aftergood of the Federation of American Scientists, a private research group, said earlier he believed the CIA may have destroyed many of the relevant documents and the full extent of radiation tests, many on people who did not give their consent, may never be known.**" The article continued, "A commission led by Vice President Nelson Rockefeller reported in 1975 the CIA had conducted radiation tests, by implication on unsuspecting subjects, as part of a much larger CIA program to study possible means of controlling human behavior."

Here is an example of secrecy at top levels of the government and industry in the field of electromagnetic technologies. A foia [freedom of information act request] reply to the information below was unclassified rather than declassified and concerned protection of harbors from attack in war.

"In 1950, long after the end of WWII, Dr. Zacharias accepted an invitation for

the U.S. Navy to be the director of a classified summer study called Project Hartwell. The esteem held for Professor Zacharias and the recognition of the value of this study was evident in the list of those who agreed to participate. It included, among others, an outstanding radio and radar authority, Dr. Harold T Friis, supervisor at Bell Telephone Laboratories, and the following persons, Dr. Jerome Wiesner, President, MIT, Dr. Edward E David, Jr. President Nixon's Science Advisor, Dr. James B Frisk President Bell Telephone Labs., and Dr. Ivan Getting President Aerospace Corp. **Today many would find it surprising that a classified study, aimed at developing new avenues for further classified research, would have received such strong support as these names indicate.**"

Here is an example of excessive secrecy in which the CIA admitting that it knowingly lied to the White House and the Pentagon. This false information "was crucial to Washington's perceptions of Moscow in the last seven years of the cold war, said members of the Senate and House intelligence committees," The threats reported in the disinformation "contributed to the Pentagon's decision to spend billions of dollars on weapons systems to combat threats that might have been illusions"(New York Times News Service, 11-1-95). Victims describe the technology as extremely sophisticated and the many attempts to monitor, block and escape from the signals used have failed. With billions of dollars available to the Pentagon for years and with the documented unaccountability and the motivations to develop state of the art weapons, victims who are enduring torture today deserve a thorough investigation.

The article in Times May ?, 199? entitled "Cold War Secrecy Shrouds Nearly 6,000 U.S. Inventions" discusses patents and national security. "**Robert E. Garrett, director of the office that oversees secrecy orders at the Patent and Trademark Office, acknowledged that the restrictions were unusual in that they could block the publication of information developed entirely by private individuals. The only comparable law is the one that prohibits people from publishing information about building atomic weapons.**" It is not hard to imagine a secrecy order covering electromagnetic mind control weapons. The article continues, "Perhaps the most surprising shift is that a growing proportion of the inventions placed under wraps are ones in which the Government does not hold title to the patent. Some of these inventions have been developed in part with government funds, but the companies that obtain the patent holds all or part of the ownership interests." John Preston, head of licensing for the Massachusetts Institute of Technology, said that his university had received several secrecy orders over the years but that almost all had stemmed from inventions at the Lincoln Laboratory, which MIT operates under contract for the Federal Government."

Michael Aaron Dennis, Cornell University, wrote the 1994 Isis article entitled "Our First Line of Defense, Two University Laboratories in the Postwar American State. He wrote about the MIT I-Lab or Instrumentation Lab and Charles Stark Draper, director. Dennis stated, "**Classification plays an important role in the materials presented in this essay. Like so much else at each of these laboratories, much of the archives are inaccessible.** Dennis described Draper's work, which " took place behind the laboratory's locked doors, [building an airplane inertial device]"

In response to a 1958 television interview with Draper and Eric Sevareid, veteran CBS reporter in which Draper displayed a plane outfitted with Draper's inertial device, the air force issued this memo to his lab. "To again reiterate AF [air force] policy on the matter of safeguarding classified information the following should be brought to the attention of all

personnel: 1. The fact that articles and information will be reviewed by this HQ and DOD [Department of Defense] does not relieve each individual of his responsibility to safeguard classified information and further will not serve as a bar in processing violations of security regulations." Dennis stated, "**What was visible on television remained unspeakable outside the I-Lab.**"

Dennis concluded, "Yet, if classification obscures our view of the military's role in society, especially in laboratories, then it is also through the classification system that the civilian and the military were connected in postwar America in novel, and still largely unexamined, ways." It is overclassification to keep the archives classified 30 years later.

A final example, Christophe Lecuyer, Stanford U, wrote the HSPS,23:1 (1992) article "The making of a science based technological university: Karl Compton, James Killian, and the reform of MIT, 1930-1957. On page 177:

MIT reluctantly agreed to carry out investigations of a classified nature. For example, the RLE [Research Lab of Electronics], which did mainly open research during the immediate postwar years, was asked to carry out large classified programs such as "communications systems for both combat areas and the zone of the interior" during the Korean war. More subtly, as Paul Forman has shown, researchers had to comply with unwritten rules. **They were expected by such agencies as the ONR to practice self-censorship and to publish only results that would not endanger national security.**"

There is a strong argument for revising the national security act. There are numerous examples of abuse and a need for limits and a democratic process of checks and balances imposed on the national security act.

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## Chapter 8. Electromagnetic technologies and international politics

It is helpful to look further into the international control of electromagnetic technology and mind control of victims, who are coming forward from the major countries of the world such as Japan, Germany the U.S., South America, England, Scotland, Australia, France, Taiwan, Bulgaria, Russia and more. What countries have this technology? International diplomatic overtures involving electromagnetic weapons include the 1977-1996 Russian proposals to ban "new weapons of mass destruction using new technologies. The public theatrics of the Moscow Embassy microwave bombardment from 1953 to at least 1988 and the public broadcast of the Russian woodpecker signal broadcast in the 1970s, ( see previous Cahra website articles) were diplomatic war games. The diplomatic protests (see Moscow Embassy section above) masked a bigger issue below the surface.

It is clear that this is a diplomatic form of communication. It is not clear to the general public when viewed as separate incidents rather than a fifty year history. The USSR was most probably protesting U.S. mind control weapons. Both the US and Russia officially deny that they have these weapons. **The fears about development of new weapons of mass destruction has already been reported by all of the recent Soviet**

**leaders and yet this has been lost in the other major problems of the world.**

(see Cahra website, International article.) One example; 1986, Jan.27. Pravda Editorial on Gorbachev's Programme of Nuclear Disarmament. BBC Summary of World Broadcasts. Part 1 The USSR; A.International Affairs;1. general and Western Affairs; SU/8167/A1/1. Lexis-Nexis.

".At this point it is appropriate to draw attention to the fact that the Soviet

programme has been drawn up with due consideration for the fact that the currently prevailing balance of forces in the world is to be maintained at all states of its implementation, but at an ever lower level. No threat to anyone's security will be created at any moment of its implementation." **.They include in particular beam, radio wave, and infrasonic and genetic weapons which, in terms of their destructive potential, could be no less dangerous than already existing weapons of mass destruction.** .As for the USA, which is the primary addressee of the Soviet proposals, a statement by President R. Reagan described by the Western press as 'cautious and carefully considered' has been disseminated there. Unfortunately, there has been nothing more than that so far."

If Gorbachev is unable to generate a response from the world about electromagnetic weapons, it is hard to imagine who would. A war or international incident may expose this classified secret. The break up of the Soviet Union was a world-shaking event but only approximately twenty Russian newspaper articles reported Russian electromagnetic weapons articles. And only a few of those made it into U.S. mainstream press as allegations and unsubstantiated reports.

A 1993 Defense News article contained factual earth-shattering information and even this was not reported in U.S. newspapers. (Jan11-17, 1993 titled, "U.S. Explores Mind-Control Technology, U.S., Russia Hope to Safeguard Mind-Control Techniques" by Barbara Opall. Defense News is a major defense publication. See Cahra website for full article) At the least, the lack of reaction by the world, reveals the political nature of electromagnetic weapons. The lack of reaction indicates that mind control is tightly controlled with classified treaties and negotiations behind diplomatic doors.

Since the break up of the Soviet Union, there has been a few articles on mind control in U.S. publications. The FBI was interested in using mind control on David Koresh, (see previous Cahra article) The public hardly reacted to a short article on Koresh and the FBI in U.S. News and World Report, Newsweek and Time magazine.

In the early 1990s, the U.S. mainstream newspapers and journals reported on the Pentagon's 'new' electromagnetic nonlethal weapons program. The technology that has been classified for forty years was finally declassified (see U.S. News and World Report 7-7-97, above). The break up of the Soviet Union and lack of a fifty year enemy, created an opportunity for declassifying the least important electromagnetic technology.

The whole picture of a classified new weapon more powerful than the bomb has never been presented to the public in U.S. mainstream press. National security issues in mainstream publications are controlled by the CIA, (see Washington Post quote under National Security section above.) and the U.S. control of electromagnetic weapons will not reach the mainstream press. In addition, there will probably not be another significant event like the break up of the Soviet Union in the near future and the technology will likely continue to be developed out of the public eye.

In brief, Russia no doubt alerted the world in the above cited instances about electromagnetic weapons. Most governments in the world must know of this sophisticated technology, deny it officially and are working on obtaining it or have it. The world distribution of the atomic bomb can be used to make an educated guess as to what is happening under national security. Did Russia or the U.S. give this technology to their allies? There are many unanswered questions and much research that could be done. The public is in the dark and the use of the technology is most likely being controlled by global agreements and arms control detente'. Once this is public knowledge, change can take place. The technology can be used to save lives. Human rights abuses can stop. And the experience of the atomic bomb can be applied to electromagnetic weapon technologies.

Not one person, even the most powerful, can stop it

It is doubtful that one person such as Gorbachev or President Clinton could stop electromagnetic weapons programs. President Clinton or any president would arguably not have the clout to face the intelligence agencies or the Pentagon over such a deeply entrenched program involving careers and billions of dollars.

### **Missed opportunity for one world government**

After fifty years, mind control technology is in the hands of many, mainly the intelligence agencies, the pentagon, defense corporations and scientific research centers. The 1993 Defense News article cited above stated,

"Known as acoustic psycho-correction, the capability to control minds and alter behavior of civilians and soldiers may soon be shared with U.S. military, medical and political officials, according to U.S. and Russian sources. . Therefore, the Russian authors have proposed a bilateral Center for Psycho-technologies where U.S. and Russian authorities could monitor and restrict the emerging capabilities."

The technology itself is so highly sophisticated that like the atomic bomb, only industrialized countries could produce it. Mind control is here to stay. It is only a matter of when it will be declassified and how? As Dr. Robert Becker, the two time Nobel prize nominee said, it may be too late to stop it.

### **Classified electromagnetic arms race is over: U.S. won**

There are no major enemies of the United States. **It is doubtful that the many countries of the world could agree and coordinate efforts against the United States. It would seem that the United States does and will have world control. This weapon would make it possible.** There are surely third world countries who have had mind control technology tested and used on them. This is a great area of research for an investigative reporter. There is no public knowledge, except for claims by Saddam Hussein. of use of mind control weapons to cause a heart attack and more. (See Cahra website, human rights article). The CIA's history confirms the U.S. policy of 'policing the world'.

It is safe to predict that the next world war will be bloodless and silent. There may be no battles. The silent third world war will be over without a single bullet being fired.

Other countries would be less likely to cross the United States since the weapon is silent, unprovable and more powerful than the bomb. And if other countries tried to talk about U.S. mind control weapons, no doubt the U.S. could silence them, as a warning to others in the know. Nobody will talk about it because everyone has something to lose. Any victim will tell you, that they would not wish this weapon upon anyone. So everyone keeps silent. **Only the USSR publicly protested with electromagnetic weapons against the United States, since the 1950s up to the 1990s.**

The 'bomb' or electromagnetic weapon has never been dropped publicly like the atomic bomb at Hiroshima. Does China have mind control? They have electromagnetic weapons, (see nonlethal weapons article, Cahra website). Perhaps an incident with China may reveal this technology. Incidents, like the break up of the Soviet Union, even that, did not affect mind control international policy. **It is unlikely that a future incident will reveal electromagnetic mind control weapons, based on the Russian diplomatic protests via the Moscow signal, etc.**

### **No political hot potato: world opinion does not significantly influence U.S.**

The U.S. is in an ideal position. The public does not know about the weapon. If it is used there is no proof tying it to the U.S. and everyone knows not to talk about it or they may be the next victim. One of the many rumors is that Naval Admiral Boorda, who committed suicide, tried to reveal this technology and became a victim. (see strategy section above).

The U.S. has nothing to lose, nothing to fear. There is everything to gain in keeping this technology classified. A large bureaucracy supports and perpetuates its growth. There are crimes to cover up. The weapons are powerful intelligence tools which maintain U.S. superiority. **Victims can count on a continuing strong national security law in the United States.**

Government documents describe **control** of space, rather than a defensive strategy, for example. See Covert Action Quarterly, Number 68, page 35. The nonconsensual experiment and intelligence programs would be likely to expand. The U.S. is maintaining and broadening its global position today.

### **The United State's position in the human rights community: a powerful force**

In the World Court, one country can bring charges against another, but the US is the superpower in the international arena and no country wants the wrath of the US against them. In the UN, the US is the superpower with the most clout, although this complicated relationship needs further investigation. The US has the most relative wealth and power in the world and countries are reluctant to speak out or criticize them in a meaningful or serious way. The proposed International Criminal Court of Justice is opposed by the United States and supported by most other countries. It may be an avenue for international justice in the future.

### **Comparisons to the atomic bomb and biological weapons: a probable pattern of development and use**

It requires a large bureaucracy to run programs involving thousands of victims, all over

the United States and the world. Because many people are involved, it will be less important to the US government to keep this classified during the next 50 years. Russia and the US have this technology, it can be safely assumed, see previous Cahra articles. And the US is no doubt trying to control Russia's use of the technology. There would also be classified treaties to control its use. By looking at chemical, biological and nuclear weapons, similarities can be drawn. Sacramento Bee 10-2-99 p. A28 stated that the Pentagon created an agency to counter the growing threat of doomsday chemical, biological and nuclear weapons with a budget of \$ **1.9 billion** for 1999. **At least 25 countries have, or are in the process of developing these weapons, according to Defense Secretary William Cohen.** The classified electromagnetic weapons would most probably develop in a similar way.

Controlling the brain for military purposes is a physics problem and eventually other countries have or will figure out how to develop it. Like the atomic bomb, electromagnetic weapons will probably be declassified and used for beneficial purposes as well as for military use. Nuclear power and radioactive treatments for cancer have been some of the side benefits of the development of the atomic bomb. It is a comforting fact that the atomic bomb has been used in war only once. The technology to read people's thoughts, like the technology to make an atomic bomb will probably not be available to the general public. It seems likely that mind control electromagnetic technology will be used for military purposes and for applications to space and/or cyborg or robotics type research such as visual systems, motor functions and the development of classified devices.

An article in **the New Yorker, by Richard Preston entitled "The Bioweaponers" 3-9-98** has many parallels to the mind control and electromagnetic weapon technologies. The article describes how the second man in control of biological weapons in Russia in charge of 2,000 scientists and staff, Ken Alibek. **With the breakup of the Soviet Union he was part of a Diaspora of biologists to leave Russia because they had lost their jobs.** He stated that no one knows where they went, Libya? China? Israel? He works with the CIA and his information is classified. But it has been reported that the information is shocking. Again, with mind control technology, there may be parallels worth examining.

Bill Patrick is one of only two or three scientists still alive and active in the US with a technical understanding of bioweapons. He was a UN weapon inspector in Iraq and the Iraqi intelligence people harassed him for his work. He went to a Pentagon meeting on anthrax on the eve of the Gulf War and concluding that "these people didn't know what the hell they were talking about." Again, the parallel to mind control is that the technology use is being controlled by people with military interests and little practical experience. Patrick and Alibek have consulted and are friends. The article also mentions that President George Bush and Prime Minister Margaret Thatcher were briefed on Passechnik's revelations, (the first biowarfare defector in 1989) and they put direct personal pressure on Mikhail Gorbachev to open up the biowarfare facilities to a team of inspectors. **Similarly, top officials would know about mind control and electromagnetic technologies and are controlling its use.** Governments are not motivated to reveal this information and until they are caught, victims must continue to build their case and inform the public of the horrific nonconsensual experimentation going on today. It would be helpful if victims can find the top scientists in mind control technology.

## **Electromagnetic technology, like the atomic bomb, is controlled by the government but has close ties with corporations and private enterprise**

The top scientists and their affiliations illustrate the government corporation connections. Jeffrey T. Richelson's article "The Wizards of Langley: The CIA's Directorate of Science and Technology, 1986, Intelligence and National Security stated the following:

Even an 800-page history of the CIA, published in 1986, included only a few references to the Directorate of Science and Technology. Yet the history of the directorate is a key element in the history of both the CIA and the entire intelligence community. .It has designed and operated key intelligence satellite systems. It is also responsible for a number of scientific advances which have been made available for medical and other purposes. .The earliest suggestion that the CIA needed to make a concerted effort to harness science and technology for intelligence purposes came from the Technological Capabilities Panel (TCP), which had been established in July 1954 by President Dwight D. Eisenhower, in response to concerns about US vulnerability to surprise attack. Key members of the TCP were James R. Killian Jr. President of MIT and Edwin H. Land, President of the Polaroid Corporation. Killian chaired the TCP., while Land headed its Project Three, charged with examining ways of enhancing the nation's intelligence capabilities through technology. . **The winner of the CIA's 1996 award for the agency's top scientist, John Craven, received the award for his work on three projects,.microwave technology [for computers]. A second involved .using laser beams for communication.** The work presently done by ORS falls in three main areas. The remaining research generally has a dual-use potential, and is now frequently provided to other elements of the government or the medical and scientific communities. . **The Directorate of Science and Technology was established because key presidential advisors felt it was imperative that the CIA properly harness the powers of science and technology for the acquisition of intelligence.**

The 1978 book National Academy of Sciences The First Hundred Years 1863-1963 by Rexmond C. Cochrane **lists the seventeen PSAC (President's Science Advisory Committee members under Killian.** They were top scientists of that time and it would be highly likely that the classified electromagnetic technology would be developed under PSAC policy. Here are some of the seventeen scientists and their affiliations. They may be important to this issue, Lloyd V. Berkner, President Associated Universities, Inc.; Detlev W. Bronk, President Rockefeller Institute for Medical Research, James H. Doolittle, VP Shell Oil Co.; James B. Fisk, Executive VP Bell Telephone Laboratories; Caryl P. Haskins, President Carnegie Institution of Washington; Edward M. Purcell, Professor of Physics, Harvard; I.I. Rabi, Paul A. Weiss, head of developmental biology, Rockefeller Institute; Jerome B. Wiesner, Director, Research Laboratory of Electronics, MIT Herbert York, Chief Scientist, Advanced Research Projects Agency, DOD Herbert Scoville, Jr., Assistant Director CIA.

The 1978 book Presidential Politics and Science Policy, by James E. Katz, page 57 stated "Killian advised the Central Intelligence Agency and represented Massachusetts Institute of Technology." Page 149? stated " **PSAC was given a broad mandate to evaluate and produce recommendations on weapons, strategy, and space questions by the White House.** Eisenhower charged PSAC and especially Killian with identification and organization of the goals of the space program." Science and government were interconnected from the 1950s on and may explain the alleged space research

experiments, the overlap of radiation and electromagnetic experiments, and the alleged government-defense corp. connection to many of the victims.

Research was influenced by political connections. Here is one example, page 161 stated "**During his [President Johnson] administration, programs on heart ailments and strokes were accelerated because it was known that Johnson had suffered related maladies.**

Page 187 stated, "**Both the use of research programs and scientific advice had been used by previous presidents, yet this at least partially reflects the White house attitude toward the utility of research: the political payoff is more important than the actual substance of research.**" The NIH, (National Institute of Health) has been involved in illegal LSD and Tuskegee experiments and could have easily been involved with electromagnetic experiments. the book continued, "The combination of personality factors which had encouraged the rise of lavish NIH funding began disintegrating with the death of Fogarty and .[President] Johnson was able to take advantage .to reduce the lobby's monolithic impact." Political power exerts pressure on science advisory committee work and decisions.

### **International science: the same national government and corporation scientists make international policy**

William T. Golden designed the first Presidential Science Advisory organization for President Truman in 1950. Golden wrote the 1993 book, "Science Advice to the President" and stated on page 2, "The American conception of a science and technology advisory organization to the highest level of government has radiated to more than 50 countries, including all the major countries. The establishment of the Carnegie Group of science and technology advisers and ministers to the heads of governments of the G-7 countries (United States of America, Canada, United Kingdom, France, Germany, Italy, and Japan), Russia, and the European Community, responsive to a proposal in Worldwide Science and Technology Advice to the Highest Levels of Governments, has been a major coordinating event.

The Carnegie Group, sponsored by the Carnegie Commission on Science, Technology, and Government, first came together in February 1991, with D. Allan Bromley (Science Adviser to President Bush) and Juriy Ossipyan (Science Adviser to President Gorbachev) jointly chairing the initial meeting. .It has now held five meetings semi-annually in different host countries.," **Sheila E. Widnal is on the commission and is Secretary of USAF and affiliated with MIT while Walter A. Rosenblith, MIT, is a senior consultant. (mentioned in section below).**

This is an example of the network of scientists who work on defense issues with the government, which has ties to the international level as seen above. Golden listed the President's Science Advisory Committee members and their affiliations, which are representative of corporations, universities and industry across the country. **John M. Deutch, ex-CIA director was a member in 1985-89 and is affiliated with MIT; Simon Ramo, co-founder of TRW, Inc., one of the world's largest technological corporations; Gordon J.F. MacDonald, is Vice President and Chief Scientist of The MITRE Corp.** Golden is also author of the book "Worldwide Science and Technology, Advice to the Highest Levels of Governments", 1991.

## **A case study: The Moscow Signal, microwave zapping of the U.S. Embassy**

The following are excerpts from news accounts by Barton Reppert Associated Press Writer, Washington AP, entitled "Looking at the Moscow Signal, the Zapping of an Embassy 35 years later, The Mystery Lingers". **This is an excellent example of how the government handles national security and electromagnetic weapons.**

May 21, 1988. Thirty-five years after security officers first noticed that the Soviets were bombarding the U.S. Embassy in Moscow with microwave radiation, the U.S. government still has not determined conclusively -or is unwilling to reveal-the purpose behind the beams. Among the possible reasons put forward by experts: attempts by the Soviets to trigger eavesdropping devices, to interfere with U.S. intelligence-gathering operations or **to affect the health, minds or behavior of Americans working in the embassy.** Low-power microwave signals "continue to be detected" at the embassy, according to the State Department's Bureau of Diplomatic Security.

.Over the years, several studies to investigate potential effects of the Moscow radiation led to controversial results. In some cases, the projects were terminated over the objections of researchers. The United States has made a series of diplomatic protests to the Kremlin over the microwave situation, beginning at least as early as the Glassboro summit in June 1967.

The Associated Press examined 5,000 pages of declassified documents from the State Department, the Central Intelligence Agency, and the Pentagon under the Freedom of Information Act and interviewed dozens of current and former U.S. officials, scientific researchers, medical specialists and attorneys.

.Nevertheless, these key facts emerge:

.The U.S. government apparently has succeeded in fighting back lawsuits and administrative claims totaling about \$250 million brought by employees who were exposed to the Moscow radiation or their dependents.

-Some American scientists and medical specialists investigating the problem have been seriously concerned about a possible Soviet bloc lead in research on the use of radio-frequency and microwave radiation for "mind control" and other weapons applications.

-The declassified documents disclose that the bombardment of the Moscow embassy drew expressions of serious concern in the mid-1970s from two CIA directors-William E. Colby and George Bush.

May 22nd 1988

Health problems which have been reported among personnel working with electromagnetic pulse equipment include an unusually high incidence of brain tumors and liver diseases.

Donald A Myers, a CIA specialist on biological and health effects of non-ionizing radiation, prepared a memorandum which said, "Dr. Herbert Pollack, a State Department consulting physician, has found that several members of the embassy display symptoms that are non-specific but have been reported frequently in patients chronically exposed to non-ionizing radiation. Such symptoms include headaches, inability to concentrate and fatigue, as well as physiological effects including shifts in the ratios of various blood cells."

Richard S. Cesaro, deputy director for advanced sensors at the Pentagon's Advanced Research Projects Agency, in an interview prior to his death two years ago, contended that "**in our experiments we did some remarkable things. And there was no question in my mind that you can get into the brain with microwaves. .If you really make the breakthrough, you've got something better than any bomb ever built, because when you finally come down the line you're talking about controlling people's minds,**"

Nicholas H. Steneck, a U of Michigan history professor and author of a book, "The Microwave Debate," said [the State Department's secret genetic testing program carried out from 1966 to 1969 under the cover name of the "Moscow Viral Study." ] the cytogenetic testing program "was set aside on the shoddiest and shakiest of grounds. .If nothing else, on the basis of that you do a follow-up study- you don't just crank it down."

Government officials .say one of the biggest lessons learned from the microwave problem was that it was a mistake to keep the radiation secret from most employees until February 1976. [There followed] .a series of administrative claims and lawsuits against the U.S. government by employees and dependents who alleged that they has suffered health injuries because of exposure to the Moscow beams. **To help defend itself against such legal actions, the State Department in 1976-78 funded a \$1 million epidemiological study of Moscow embassy personnel, carried out under contract by the Johns Hopkins U School of Hygiene and Public Health.**

Dr. Pollack, the State Department medical consultant, said that "**without that Hopkins study, State would be sitting in the soup, because there were about \$250 million in tort actions on the books. And every one of those has been withdrawn without a penny being paid.**"

.The study released in Nov. 1978', concluded that "no convincing evidence was discovered that would directly implicate the exposure to microwave radiation by the employees at the Moscow embassy in the causation of any adverse health effects as of the time of this analysis."

**[Several experts on non-ionizing radiation disagree such as ] Steneck, who cited a variety of studies that have been done over the past few years .finding significant effects at very low radiation power levels.**"

Public disclosure of the Moscow embassy problem in the mid-1970s spurred a substantial increase of interest among U.S. scientists in the controversial area of low-level microwave biological effects. "It had an enormous impact on the microwave research field," Said Steneck, who spent six years studying the field for his book.

For years, most American researchers had assumed that any significant biological effects were thermal-caused by heating of body tissues. This viewpoint is reflected in the safety limit of 5,000 microwatts per square centimeter set in the current U.S. voluntary guideline adopted by the American National Standards Institute.

The Soviet Union, however, has a much lower safety limit of only 10 microwatts, stemming from concern with subtle behavioral and physiological changes as well as subjective symptoms which Soviet researchers have reported with chronic exposure at low power levels.

Over the past decade more U.S. scientists have started paying serious attention to athermal effects, particularly effects on brain tissue of low-intensity microwaves modulated at extremely low frequencies. Since the early 1980s, however, federal government support for non-ionizing radiation bioeffects research has declined markedly. W. Ross Adey, a leading researcher based at the Veteran's Administration Medical Center in Loma Linda, Calif., told a House subcommittee last Oct. 6 that current levels of government funding -now about \$7 million a year- are "disastrously low."

**" There is reason to believe that this situation has arisen in part through a well-organized activity on the part of major corporate entities from the consumer and military electronic industries to discredit all research into athermal biological and biomedical effects," Adey said.**

Louis Slesin, editor of Microwave News, a newsletter covering the non-ionizing radiation research field, said that "what is clear is that Soviet researchers are extremely interested in the effects of this kind of radiation."

Feb. 12, 1976: Secretary of State Henry A. Kissinger tells a news conference that "**this issue is a matter of great delicacy which has many ramifications.**" He declines to go into detail.

Jan 4, 1977: A notice posted at the Moscow embassy discloses that about one-third of individuals tested have shown abnormally high white blood cell counts. It says the cause for this lymphocytosis condition is unknown.

The lessons from this article are clear. As discussed above and for in-depth reading, see April 1979 a Senate committee print, made at the request of Hon. Howard W. Cannon, Chairman Committee on Commerce, Science and Transportation. The title is "Microwave Irradiation of the U.S. Embassy in Moscow, Review of its History and Studies to Determine Whether or not related Health Defects were experienced by Employees Assigned in the Period 1953-1977".

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## Chapter 9. Electromagnetic Technology

### New articles on the technology

The following evidence supports the conclusion that classified technology to read your thoughts, and much more, has been developed.

Here is an example of how many scientists know of this technology but don't talk about it. It clearly shows how the public could be unaware of the development of this technology while many top officials ignore victims charges of human rights abuses and illegalities. US News and World Report 7-7-97 reported: "Moreover, medical researchers worry that their work on such things as the use of electromagnetic waves to stimulate hearing in the deaf or to halt seizures in epileptics might be used to develop weaponry. In fact, the military routinely has approached the National Institutes of Health for research information. "**DARPA {Defense Advanced Research Projects Agency} has come to us every few years to see if there are ways to incapacitate the central nervous system remotely,**" Dr. F. Terry Hambrecht, head of the Neural Prosthesis Program at NIH, told US News. "But nothing has ever come of it," he said. "that is too science fiction and far-fetched." The counter argument, of course is, why is Darpa, a smart, hi tech government agency wasting it's time by asking such a dumb question? Why are medical researchers worried that their research might be used to develop weaponry as stated above?

Social and ethical issues have also changed the course of neuroscience research. For example, the Sacramento Bee 2-22-99 p A-1 quoted Dr. Giulio Tononi, a neurobiologist at The Neurosciences Institute in San Diego. "**Ten years ago, it was not appropriate for a scientist to talk about consciousness because it was considered too elevated a topic that we really couldn't address. .Now it's not taboo anymore.**" The issues of religion are deeply embedded in most societies and ideas such as the scientific basis of man's world and the origin of man and the soul and questions of God have clashed in Galileo's time and today.

EEGs or brainwave have been studied since the 1920s. An excellent book, History of Neuroscience in Autobiography Vol. I, edited by Larry R. Squire 1996, is a good research tool for understanding the history of the parallel development of classified mind control. Page 582 described the general acceptance of consciousness as a biophysics problem. John Z. Young, a neuroscientist stated "**One example I quoted was the evidence of Libet et al. (1983) showing that there are electrical activities in the brain half a second before a person makes a conscious decision to move a finger. This clearly shows that actions of the mind depend on the brain and that is absurd to consider oneself as two separate entities.**" In the autobiography section on Theodore H. Bullock, he wrote, "I was introduced to electroencephalograph (EEG) recording and evoked potentials by watching Warren McCulloch,. (Please see previous Cahra articles on McCulloch)." Bullock described world wide conferences in the 1950s with the world class neurologists at the time. In describing brainwaves, Bullock stated, "**It's a jungle in there- a fascinating community of diverse species and interrelations-and, according to my intuition, the greatest reservoir of new principles yet to be discovered.**" ".**I believe that these compound field potentials are information-rich in ways we have not learned how to assess.**"

## **History of the development of Russian electromagnetic research**

Here is a summary of the overall picture of Russian biophysics research from 1930s to the present and will help in understanding the next two sections. This is excerpted in chronological order from the book, "Bioelectrodynamics and Biocommunication" by Ho, Popp et all, 1994, unless otherwise indicated. Please refer to my website for further information on Vernadsky, Gurvich, Becker and Adey.

Gurvich concluded that the agent stimulating cell division was UV radiation. .mitogenetic radiation[MR]. Subsequently the same effects were discovered in many other plant and

animal tissues.

In the 1930s, mitogenetic research had spread to other European countries with mixed results. The physical demonstration of the existence of MR was not possible before WWII; the 'Gurvich radiation' was therefore suspect. There were other reasons for its unpopularity: the disastrous consequence of Stalins science policy for biology resulting in the Lysenko affair) and the fact that, at the time, biological science became dominated by molecular biology, which made Gurvich's approach obsolete.

.In the Soviet Union this led to an intensification of mitogenetic research in the 1950s. . **maintain that the organism is able to act as an emitter and receiver of a broad range of electromagnetic frequencies and use these coherently for communication, regulation and internal structuring.** .Inyushin, who is also one of the pioneers of therapy by means of very weak laser irradiation, postulated, in 1967, that the main source of MR was the cell nucleus and that it was coherent-a notion that gave the field a new dimension.

Harold Saxton Burr of Yale U School of Medicine took up biopotential research in the 1930s. Burr and his coworkers found steady electric potential gradients on the surface of many different organisms which were characteristic for each species. Burr and his coworkers correlated changes of bioelectric potential to growth, regeneration, .However the work of people like Lund and Burr was almost completely ignored by fellow scientists. The reason was not only that the scientific climate of the time was not very sympathetic towards this kind of research

It was orthopedic surgeon at the Veteran's Administration Hospital in Syracuse, NY Robert O Becker that was to bring the field to the attention of a larger community of scientists. [Body Electric, a must read, excellent overview of military, science research of electromagnetic radiation.]

After the war many new electromagnetic technologies, originally developed for military purposes, became available to research laboratories. Among these were the microwave technologies that followed from the development of radar, the photoelectric multipliers used in bioluminescence research and the electronic transistor.

.One of the founders of biophysics, Boris Rajewsky of the U of Frankfurt am Main held that the main task of biophysical research was to apply physical thought and physical methods to biological phenomena and the elucidation of physical relationships in life processes. He investigated the effects of light and of electromagnetic fields on the intact organism and also made a contribution to the research on ultraweak bioluminescence. **He was convinced that living tissue reacts with 'uncanny precision to all physical influences.** [See Schwan's paper with Rajewsky below.]

However the 1940s and 1950s also saw the beginnings of a number of new developments. The next 30 years saw the accumulation of evidence for the solid state properties of biological systems.

Russian biophysicist Alexander S. Pressman **proposed the first modern hypothesis on the biological role of EM fields.** He also suggested that informational as opposed to energetic, interactions play a significant if not main role in electromagnetic biocommunication.

. The radar developments during the second world war were rapidly applied to therapeutic

techniques from which the interest in the **dielectric properties of biological materials had its resurgence,**

1964. Dynamical Systems in Physics and Biology by Professor Norbert Weiner. "Many other considerations which have up to the present been situated in a somewhat shameful background, such as **the study of direct communication at a distance between nervous systems, possibly by some sort of radiative phenomenon,** are going to be subjected to a real trend in scientific examination which will not be corrupted by the unscientific assumption that we are dealing with phenomena with no physical correlates."

Paul Brodeur, author of "Zapping of America" mentions Vernadsky. Vernadsky was quoted in the first chapter of the 1981 Kaznacheev book, Ultraweak Radiation in Intercellular Interactions " **on the necessity of mastering the biological action of the entire electromagnetic spectrum.**"

.In a 1990 General Assembly of the International Union of Radio Science held in Prague, Ross Adey concluded that, " **It is no longer a matter of speculation that biomolecular systems are responsive to low level, low frequency electromagnetic fields. Not only is tissue heating not the basis of these interactions, but the many instances of responses windowed with respect to field, frequency and intensity set a rubric for their** consideration in physical mechanisms involving long range ordering at the atomic level."

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## **Chapter 10. The history and scientific basis of mind control technology: more facts to support the theory that the key to consciousness has been discovered**

Now scientists are studying the biology and physics of consciousness. Dr. J. . Perpich at the 1998 Mental Illness Conference featuring other speakers such as Vice President Al Gore, stated that "there are 80-100,00 genes of which half are devoted to the nervous system. Half! . **The neurosciences are the last frontier of human biology.**" It would be logical to ask why scientists have discovered the code of life but not of the brain and it is not implausible that it could be a classified project for military purposes. The famous scientist Albert Einstein wrote a letter to the President of the United States telling him of new scientific discoveries that could be used for stopping Hitler. This led to the development of the atomic bomb. The idea of a classified mind control project is not far-fetched. Many scientists have discussed its importance, see previous Cahra articles.

The 1954 book "The Roger Adams Symposium" by Brode et al page 5, is a good example of the international level of science as follows. "So, when General MacArthur asked for a **six-man scientific committee to come to Japan to advise him on the reorganization of Japanese science on a democratic basis,** Roger Adams was the man who headed it. The committee spent a strenuous summer in Japan, visiting and studying both industries and universities. Their report to General MacArthur was so significant that a new committee of six, of which Roger Adams was again a member, was asked to come to Japan in 1948 to survey and report upon the progress that the Japanese had made."

The 1969 book, "Intellectual Migration" by Donald Fleming described the discovery of the atomic secrets and there is surely a similar story for the discovery of the code of the brain. It cannot be explained in one sentence but the evidence below supports this 'at first glance, crazy idea'. The evidence is convincing. Page 158,

In 1934 Szilard conceived the idea of a nuclear chain reaction producing a violent explosion and actually took out a patent on the process (partly secret and assigned to the British government). But he had not hit upon the right element for sustaining a reaction and everybody else learned of the discovery of nuclear fission in uranium. Szilard, who had settled in New York in 1937, now undertook a three-pronged campaign-to get English, French and American scientists to clamp a tight lid of security on their research in this field; to demonstrate that with uranium a chain reaction would really work; and above all to impress upon the American government the importance of getting an atomic bomb before Hitler. **In this cause, he drafted and induced Albert Einstein to sign the famous letter of August 1939 warning Franklin D. Roosevelt of the possibility of such a bomb**-the letter that triggered the (initially very modest) efforts of the United States in that direction. **Szilard himself eventually became a member of the team at the University of Chicago that built the atomic pile, the device for producing a controlled chain reaction that he had envisioned from the beginning.**

Like Einstein's theory of the atom, the theory of electromagnetic radiation began in the 1930s. I.I. Rabi, Nobel prize winner was quoted in a Washington Post 1939 article headline, "**We're all radio stations, Columbia Scientists Report, All Atoms, in Humans or in Steel, Found to Emit and Receive Long Waves**".

**" Every living thing on earth is a radio broadcasting and receiving set unconsciously sending out and receiving long-wave wireless messages." Professor I.I. Rabi, Dr. P Kusch and Dr. S. Millman of Columbia University told the American Association for the Advancement of Science today that all atoms, whether part of the heart tissue of man or a piece of steel, constantly emit radio waves which can be detected and measured.** Even death of an animal organism does not mean the stopping of activity, they said, since the atoms which form part of the living cell continue to emit radiation after the organism as a whole has ceased to function. The Columbia scientists measured these radio waves from atoms for the first time and found them similar to the action of visible light though the waves are much shorter and can be detected only by delicate apparatus. The method was used also in exact studies of the nucleus of the atom. All nuclei of atoms and the particles which surround them spin much like a toy top. The spinning is irregular, the particles of the atoms jumping with the speed of light from one point to another. "The radio waves which we have studied are emitted when the atoms pass from one of these states to another." they said. In their experiments, the Columbia scientists measured these radio waves with an accuracy 10,000 times better than has ever before been achieved, by shooting particles of atoms at high speed between two magnets.

Rabi was chairman of the original Science Advisory Committee from 1953 to 1957 and a member of PSAC until 1968 . He was assistant director of the MIT radar lab and worked on classified radar research during WWII. An article by Allan A. Needell entitled " I.I. Rabi, Lloyd V. Berkner and the American Rehabilitation of European Science, 1945-

1954"stated that "**Following the war, Rabi, with J. Robert Oppenheimer, was among the most influential participants in the debate over the control of postwar American atomic energy policy.**" The article continues,

"[Rabi was ] chairman of the "Scientific Adviser to the Policy Council" of the Pentagon's Joint Research and Development Board (JRDB). Among its duties was to advise the service secretaries (after 1948 the secretary of defense) on issues of long-term planning as well as the implications of scientific and technological advances for military strategy." **The advisers assisted the founders of the Central Intelligence Group (forerunner of the CIA) in staffing a scientific intelligence branch.**"

The scientists in the 1940s up to the present have been strategizing on national security and science policy. Needell's article continues,

"One of four specific recommendations on intelligence operations made by the Rabi-led committee was to increase "the number of U.S. scientific personnel overseas, either as members of formal missions under the auspices of the Departments of National Defense or State, or through exchange agreements worked out directly with foreign universities. It also supported establishing close relations between the Office of Naval Research (ONR) and the so-called London Mission for the Exchange of Industrial Technology, which, renamed the London Science Mission in 1947, came under the jurisdiction of the U.S. State Department."

Top US scientists from the 1940s were monitoring scientific discoveries and no doubt knew of Russian developments of electromagnetic technology, especially in light of the microwave bombardment of the U.S. Embassy from 1953 on, see section below.

Needell's article continued,

In January 1949 President Truman formally approved National Security Council Intelligence Directive 10 (NSCID), which assigned to the Department of State "primary responsibility for the collection abroad for all government agencies of information in the basic sciences." Lloyd Berkner was named to direct a detailed study of science-related organization in 1949. Berkner began a survey of the "International Flow of Scientific Information" and enlisted the National Academy of Sciences (to which he had recently been elected) and its government service arm, the National Research Council. Berkner appointed Rabi to an advisory committee. Detlev Bronk selected Rabi to serve on the National Research Council Committee (NRC). "**he NRC committee quickly endorsed establishing and staffing science missions in major foreign embassies throughout the world.**"

Needell continued,

"**The Berkner Report was devoted to advance American national security interests.** Berkner remarked in 1950 that "**while the unclassified portion [of the recent report] has been designed to stand alone, it should be considered as a cover for the classified section.** Although the secret section to which he referred cannot be located in State Department files, Berkner hints that science could be profitably tapped to accomplish the political goals of the United States and that "according to his

proposal, the State Department would have a [scientifically knowledgeable] 'staff' or a monitoring function in relation to [our] diverse interests. Berkner explained, he meant that, while traveling, scientists could be briefed prior to their departure and debriefed upon their return. "The debriefing," he emphasized, "should be handled carefully by scientists in such a way as not to suggest that the information is to be used merely in the nationalistic sense."

Needell's article concluded that

**" Berkner and Rabi remained close associates on matters of national security for years to come. Each contributed to important studies for national security agencies. Instead, many scientists became concerned with promoting their influence within the U.S. government and, more generally, building an institutional framework for cooperation between government and outside experts. .More fundamental was the deep commitment of American scientists to working, often in secret, for the government."**

Rabi is one of nine scientists for the 1996 book "The Story of MRI" from Bar-Ilan University Press. The book jacket states, "Rabi played a key role in propagating the "new physics" [new quantum mechanics] to his American colleagues. **His 1937 discovery of magnetic resonance in molecular beams earned him the 1944 Nobel Prize in physics for his resonance method or radiofrequency spectroscopy.** Another of the nine scientists was Edward M. Purcell, a nuclear physics Nobel prize winner and the book discussed his government scientific advisory role.

A.G. Gurvich, founder of a leading Soviet school of biophysics made similar discoveries in Russia in 1920s and 30s. Vernadsky worked with Gurvich. Vernadsky quotes were used in Russian scientific journals. A famous Russian military slogan based on Vernadsky's work was "He who controls the entire electromagnetic spectrum will dominate the world". See Cahra website, EIR Special Report 1988.

To place some of these scientists who "deepened man's comprehension of the atom" in a hierarchy they received the votes by a Fortune magazine poll. Seventeen Nobel laureates chose among 74 Nobel prize winners, who might be regarded as "immortal". Rabi, Bohr and Schroedinger, mentioned in sections of this paper were clearly the top scientists of their time.

Albert Einstein 17 votes  
Niels Bohr 14  
Ernest Rutherford 11  
Enrico Fermi 11  
Werner Heisenberg 10  
Max Planck 9  
P.A.M. Dirac 9  
H.A. Lorentz 6  
J.J. Thomson 6  
Wolfgang Pauli 6  
Erwin Schrodinger 6  
Wilhelm K Rontgen 4  
Robert A. Millikan 3  
Ernest O. Lawrence 3  
I.I. Rabi 3

## **World class scientists form 1950s biology-physics groups: the Jasons, the phage group, Biophysical Society, Cybernetics Group and Teleological Society**

Gregg Herken dedicated his 1992 book to "Isidor Isaac Rabi, physicist, patriot, science adviser" This book abundantly described the politics involve in the PSAC, a presidential advisory board. Here are a few telling excerpts.

The Jasons had their roots in a secret 1958 Pentagon-funded undertaking known as Project 137, an attempt by the Defense Department to attract new talent to the study of military problems. .[were] given the code name Project Sunrise. (The moniker Jason, which the scientists themselves selected, apparently derived from the Greek temple appearing on IDA's (Institute for Defense Analysis) logo.) .it was agreed that while the task force would be headed by Army Lieutenant General Alfred Starbird, Kistiakowsky and several Jasons would also be members. **To ensure that work on the [electronic] barrier remained, in McNamara's words, "high-priority, top secret, and low profile," the task for was assigned the misleading title "Defense Communications Planning Group."**

There are numerous examples of the classified scientific defense projects in the 1960s to the present time. Science advisors and top government officials are using national security to classified the conferences and meetings on what technology to develop and how to use it. **Rabi continued to offer advice and counsel to the government, including suggestions "to build bigger satellites and a warning to Secretary of Defense Robert McNamara not to use nuclear weapons in Vietnam in 1968".**

Sidney Drell, a Jason wrote the 1993 book "In the Shadow of the Bomb Physics & Arm Control.". He wrote this in his preface, page xii,

"The bonds between JASON members and the academic communities that were our home base were also severely tested during the Vietnam War years. On many campuses, working for a Defense Department that was "doing all those awful things" in Southeast Asia was de facto evidence of

evil deeds. With varying intensity, some were personally attacked-I was confronted on several occasions, and once thrown out of a classroom in Europe-for "supping with the devil." **Many defense consultants, including JASONS felt the strain of having to keep part of our lives secret and off limits to discussions and questions, while working with our students and colleagues in the very open scientific world in which we enjoy the full and open exchange of ideas and the public scrutiny that is traditional and cherished in our purely scientific activities."**

These examples are great illustrations of the mentality of that period. Detlev W. Bronk, on the PSAC wrote an article in Science Vol. 186, Oct. 11, 1974 and stated, "**It was the beginning of 12 years during which there was strong support of science by Presidents Truman, Eisenhower, and Kennedy."**

In the book by Herbert York, "Making Weapons, Talking Peace, A physicist's Odyssey from Hiroshima to Geneva", **York stated that the Jasons became a division of SRI and Mitre.** Jack Ruina who headed the NSA, was a Jason in 1964 and "**examined the possible impact of new technologies on national security.**" "**Jason pioneered work in beam weapons of all kinds.**" Nicholas Christofilos was a Jason and proposed ".Sanguine", constructing a very low frequency radio system for communicating with totally submerged submarines.

Dr. Herbert York, currently Emeritus of the Institute on global Conflict and Cooperation was heavily involved in government consulting in ARPA, among other government agencies. In an email to Dr. York dated 7-99, about electromagnetic weapons as described in the 1970 UN documents authored by the Russians (see Cahra website) and human experimentation, he replied in part,

"There has been much work since the late '50s on the production of EMP in nuclear explosions on and the effects of EMP on Computers, guidance systems and communications systems, and there have been attempts for more that twenty years to develop weapons using these effects against enemy missiles/aircraft. Despite a lot of work they have not been very fruitful. To my knowledge, there has been no serious work in the US on using EMP to "target the brain."

But the question did not ask about EMP or electromagnetic pulse to target the brain. Time will tell if Dr. York is using a national security answer. It would seem so unlikely that a top science adviser would not know of a large program to develop emr (electromagnetic radiation) weapons as indicated by the history and large numbers of victims world wide presented in this paper.

In 1956 the Biophysical Society formed. It was oriented toward the study of radiation. Members included this long list of notable scientists. H. P Schwan, Otto H. Schmitt, Claude Shannon, ("The most powerful and pervasive development in communications in this century has been Shannon's discovery of information theory [in] 1948, excerpt from book, "Age of Electronics, Lincoln Lab Decennial Lectures" by Overage, 1962.) In an interview of Shannon by Omni Magazine, Aug. 1987, he stated, ". **applying information theory to biological systems may not be so farfetched, because in his view common principles underlie mechanical and living things.**", Kenneth Cole, Alan Hodgkin, Norbert Weiner, MIT W. R Adey, UCLA, the James Watson and Francis Crick (discovery of DNA), Erwin Schrodinger, (founder of quantum mechanics), Georg Von Bekesy and other actual or potential Nobel laureates.

There was also t **he 'phage' group of physicists and biologists** who met and discussed physics and biology in the 1940s and 50s. This group included **James Watson**, Leo Szilard and Hans Delbruck. The Fleming book described how Watson had read Schrodinger's book "What is Life" and discussions of physics and biology included notable scientists such as Salvador Luria, and Gunther Stendt.

Steven J. Heims wrote the book, "Cybernetics Group" and stated the following.

"Another group of physicists displayed their self-confidence after the war by invading the traditional domain of biology, proposing to unravel the code-script embodied in the genes as suggestion in Erwin Schrodinger's widely read book with the enticing title What is Life? (1944). A dedicated group of researchers who became known as the "phage group" formed around Max

Delbruck and Salvador Luria and gathered in the summers at Cold Spring Harbor on Long Island: **they were as narrowly goal-oriented as the designers of the atom bomb had been during the war. In this group young researchers obtained the training and orientation that**

eventually led to the discovery of the structure of the DNA molecule and creation of the new discipline of molecular biology."

This would be worth researching further as these top scientists were discussing the ideas of the time.

Many of the same 'phage group' and 'biophysical society' scientists attended the Josiah Macy (CIA funded) conferences on neurology in the 1940s and 50s. Some of the conferences are still classified according to author Steve Heims. John Neuman, Norbert Weiner, William McCulloch, neurologist, John Lilly M.D.; the connections are numerous. **Dr. Lilly was Chief, Section of Cortical Integration, Neurophysiological Laboratory, Research Branche, National Institute of Mental Health. Lilly authored an experiment entitled, "Experiments in Solitude, in Maximum Achievable Physical Isolation with Water Suspension, of Intact Healthy Person," Psychophysiological Aspects of Space Flight, New York: Columbia University Press 1961.** Dr. McCulloch described a trip to Europe for the U.S. Office of Naval Research looking for medical discoveries and stated that Dr. Lilly was failed to show up. See McCulloch, Warren S.(1965)."Embodiments of Mind" M.T.T. Press.

Here is an excerpt from Heims, Steven.(1991). Cybernetics Group. MIT

Preface. "The subject of this book is the series of multidisciplinary conferences, supported by the Macy Foundation and held between 1946 and 1953, to discuss a wide array of topics that eventually came to be called cybernetics." Pg. 11. . included several mathematicians (Norbert Wiener, John von Neumann), engineers (Julian Bigelow, Claude Shannon), a neuropsychiatrist (Warren McCulloch), and a polymatic genius (Walter Pitts). **Some members of this group had proposed that their concepts useful in engineering and biology.** For lack of a better collective name we shall refer to this group as the cyberneticians, although they would never

have used this term themselves. ."Fremont-Smith[Josiah Macy Foundation] was so cautious that I got the impression he was anxious to keep something private- . **Much later I learned of the CIA involvement, .(the Macy Foundation's records have not been open for researchers).** At the Macy meetings, as the unedited transcript shows, the political conditions were discussed explicitly from time to time. **Some participants were government consultants who worked on "classified" topics kept secret from other researchers; their priorities were such that they skipped attendance at the conferences whenever the government called.**

## **MIT, Massachusetts Institute of Technology: a possible classified electromagnetic weapon technology location, similar to the Manhattan Project's, University of Chicago football field location**

One research lead is the following. MIT's NPR (Neuropsychiatric Research) Associates included W. Ross Adey, Brain Research Institute, UCLA, Theodore H. Bullock, Gerald M. Edelman, Robert Galambos, David Hubel, Seymour S. Kety, William H. Sweet (refer to experiment section above) and Paul Weiss. These are world class scientists exchanging ideas on a global level in the 1950s and 1960s.

And from Steven Heims, "Cybernetics Group" book, Pg. 256, here is a profound statement by Gregory Bateson, a famous anthropologist once married to Margaret Mead, (Mead also attended Macy meetings.). "I looked up Bateson in Sea Life Park in 1968. I had written to him in connection with my interest in the history of the Macy cybernetics meetings. His response was, "**There is certainly a piece of scientific history to be dug out of these meetings-I believe more profound and dramatic than The Double Helix.**"

Pamela McCorduck wrote the 1979 book "Machine Who Think". This section increases the likelihood of a Manhattan Project, University of Chicago, under the foot ball field location for labs to develop the bomb, at MIT. Much more research needs to be done, but it is plausible.

Page 68. **They were all connected: Wiener, Shannon, McCulloch, Turing, von Neumann. They were connected by friendship, by proximity, by their fascination with the dawning possibility that tools were finally at hand for understanding at least some aspects of human thought, which up to then had frankly eluded anything but proof by assertion.** I don't mean that we can declare a direct lineal descendancy from one generation of researchers to the next. Turing, with his appreciation of the rich possibilities of organizational and functional comparisons between human brains and the computer-as opposed to comparisons at the cell level. . **Those concerned [with the Information Processing Model] were open-eyed people-the Ratio Club in London, the Teleological Society, and the Macy meetings in the United States- all devoted to the mathematical analysis of the nervous system (and as Wiener notes, you cannot study the nervous system without studying the mind.)**

And again, from the McCorduck book is an example top scientists meeting in groups and discussing the brain. Page 66. He [John von Neuman] had joined in December 1944 with Howard Aiken, the Harvard-based co-inventor of the Mark 1 computer, and with Norbert Wiener the cyberneticist, Walter Pitts, the logician, and Warren McCulloch the neurophysiologist, to form something called **The Teleological Society, to discuss "communication engineering, the engineering of control devices, the mathematics of time series in statistics, and the communication and control aspects of the nervous system."**

In the 1988 book Embodiments of Mind, Warren McCulloch wrote on page 3, "**in 1952, I went to the Research Laboratory of Electronics at Massachusetts Institute of Technology to work on the circuit theory of brains.** Granted that I have never relinquished my interest in empiricism and am chiefly interested in the condition of water

in living systems-witness the work of my collaborator, Berendsen, on nuclear magnetic resonance."

Christophe Lecuyer, Stanford University wrote in HSPS, 23:1 (1992), "The making of a science based technological university: Karl Compton, James Killian, and the reform of MIT, 1930-1957". On page 156 Lecuyer wrote, MIT's war effort brought a spectacular growth of research programs and the rise of Federal patronage. MIT's continued acceptance of federal sponsorship during the postwar years, along with the technological revolution and the general expansion in higher education at the time, accelerated reforms initiated in the 1930s. **These combined developments brought MIT to the forefront of the elite research universities, expanded its research budget and its graduate school, led to even greater emphasis on science in engineering curricula, to an enlargement of its field of activities and to the development of new science-based technologies on a grand scale.** These changes permanently eroded the boundary between MIT and industry.

Dr. Lilly was also present for the 1960s UCLA Brain Research Institute Conferences with Dr. Ross Adey and Dr. William H. Sweet of violence studies notoriety in Boston, Massachusetts. One conference was entitled "Conference on Neurobiological Basis of Behavior. May 1-14 1964, UCLA Institute for Brain Research. The book "Simulations of God, The Science of Belief" by Dr. John C. Lilly, 1956, describes his contact with L.J. West of CIA and LSD experiments. Dr. Karl Pribram, Stanford University Professor and author of the holography theory of the brain collaborated with Dr. Lilly It is easy to imagine the talk of classified brain research among those who probably had security clearances. (See Cahra website, code of the brain article.)

### **A possible scientific basis for the key to consciousness**

" **Informational Bioelectromagnetics**" by David Copson, 1982 is an excellent book for understanding this topic. Even more importantly, the author states the possible scientific basis for the mind control technology. Copson noted the importance of Dr. S.J. Webb and "his 'expose' of exquisitely sensitive, bioelectromagnetic communication between precisely-controlled external millimeter waves with the very machinery of life in cells." **He describes the 1956 formation of the Biophysical Society** included Claude Shannon, Francis Crick who was the co-discoverer of DNA, Erwin Schrodinger, Georg von Besky and Norbert Weiner, to name a few, (See previous Cahra article, Code of the Brain). On page 236, Copson quotes Arthur von Hippel in The Molecular Designing of Materials and Devices. MIT Press, 1965. **Dr. von Hippel was Professor of Electrophysics at MIT, recipient of the Presidential Certificate of Merit in 1948, fellow of the AAAS and more.** "Since nature designs everything from atoms, we should be able to create with foresight any feasible kind of material and device if we understood the Periodic System in all its implications." " **the intriguing concepts of biomolecular engineering and dielectromagnetics will be mentioned briefly.** The former recognizes the possibility that biomolecules may be combined into materials in which the characteristics and performance are predictable from a knowledge of the molecular properties, **particularly of their constants such as the dielectric constant, the semiconductivity, and related electrophysical properties.** "

The term dielectro-magnetic engineering actually arises from the two areas under discussion, dielectrics and electromagnetics. The dielectrics part of this is explained by the

quotation that opens this chapter and suggests the kind of information in the Periodic System that Dr. von Hippel had in mind- **a kind of electrical or dielectrical reaction to applied forces and processes, varying with the element. The author once observed that with a fully classified and utilized electromagnetic spectrum, one might select frequencies to satisfy defined requirements in a process. Then by resorting to the device which delivers this specific energy in the form required, one could obtain some truly sophisticated solutions to process problems.** ( Please note, this fundamental law of science could be the basis for mind control technology. See previous Cahra papers. This fundamental law of science has been stated by many others from 1940s through the 1990s.)

Copson continued, "The term dielectromagnetic engineering combines aspects of von Hippel's enthusiasm for the Periodic System of the Elements with the author's respect for the electromagnetic spectrum. It is then obvious that neither sentiment is justified fully without the other. The conclusion for education in the future is that the study of materials and electromagnetic energy interactions and especially of dielectric processes will need much more emphasis. As if to connect these lines of thought we have the fact that it was the early work in spectroscopy following Nils Bohr's dynamic model of the atom that established the basic physical terms of the Periodic System of the Elements."

The 1965 book "The Molecular Designing of Materials and Devices" by Arthur von Hippel included chapters on biology such as "Sensory Coding in the Nervous System" by Walter A. Rosenblith, Professor of Biophysics, MIT and attendee of the Josiah Macy conferences mentioned above. The physicists and biologists, neurologists and medical professions were exchanging ideas including electromagnetic radiation and brain interactions.

It be plausible that his work might have been applied to the biological applications of a theory of the brain, similar to Einstein and the theory of the atom applied to the atomic bomb.

Here is an email to the Bulletin Of Atomic Scientist, Frank von Hippel, Arthur's son in an excerpted email below asking about his father, "Maybe you can answer a short

question. Your father was quoted by David Copson in 1982 in "Informational Bioelectromagnetics". I am interested in researching how the government decoded the brain in a highly classified program beginning in the 1940s, for military, intelligence and

psyops purposes. Your father's basic theories on material science is slightly related If you would have any information on this." On 8-21-99 Dr. von Hippel's son replied . Here is an excerpt. " I am unaware of this controversy. I also doubt that my father would have been involved in any **psychological** research. But if you have any information that he was and can forward it to me, I will be happy to see what I can find out. Frank von Hippel Center for Energy and the Environment Princeton University" Victims cannot expect scientists to reveal national security secrets.

The book "The Cold War and American Science: The Military -Industrial-Academic Complex at MIT and Stanford", by Stuart Leslie, 1993 stated that Arthur von Hippel was a German refugee and there were significant documents at the Rockefeller Foundation Archives on his work. Rockefeller Foundation was interested in his work and MIT offered him an appointment in electrical engineering in 1936, (page 190).

Fleming's book discussed Niels Bohr's interest in biology. Niels Bohr was a Nobel prize winner. "**He did not deny, he said in 1929, that biology was a 'fruitful' field for**

**the application of physics and chemistry. Just as we do not need to distinguish, in principle, between the current in a water pipe and the flow of blood in the vessels, no more should we expect, beforehand, any profound fundamental difference between the propagation of sense impressions in the nerves and the conduction of electricity in a metal wire."**

Russia & East Block say nonthermal emr biological effects proven, U.S. says no

H.P. Schwan was a German scientist who came to the US under a military recruitment program after the war. He has worked at the University of Pennsylvania on numerous government contracts and was a major contributor to the first health and safety standards for electromagnetic radiation, established by the US government. **In Physical Properties of Biological Matter: Some History, Principles, and Applications by Herman P. Schwan, 1982. ".Rajewsky and I had published a paper on the conductivity of erythrocytes, reporting, for the first time, dielectric measurements on biological materials extending up to 1,000 MHz. [ See above,Russian history section for Rajewsky]. .I mention all of these things to indicate the decisive role that the Navy and NIH played. Navy support has been available to me, in one form or another, ever since 1947, and NIH support since 1952.**

The book continues, "While a young physics student, financial problems forced me to interrupt my studies until I found employment as an electronics technician at the Oswalt Institute for Physics in Medicine, now **the Max Planck Institute for Biophysics** cell membranes are not likely to be affected directly by microwaves since fields of interest can only apply potentials across the membranes that are vanishingly small in comparison with potentials needed to yield significant membrane responses. And significant responses of biopolymers require field strength levels very much higher than those causing undue heating. These arguments have not been directly challenged so far [not true, See Adey above]. Schwan has worked extensively in the biomedical engineering field. **He has claimed up to the 1990s that the nonthermal effects of electromagnetic radiation have not been proven. Schwan holds this opinion to this day. His March 22, 2000 email response to the issue of classified electromagnetic, neurological weapons stated. "I am not aware of military antipersonnel weapons using em radiation. There was alot of talk about it some years ago. I believe the potential for such weaponry is small since em radiation field strength decreases inversely with the distance square in the "distant" field."**

Many scientists such as Dr. Ross Adey, who worked for years at NASA's Space and Biology Lab, believe otherwise and experienced the cutoff of funding of his nonthermal electromagnetic radiation research early in his career and in the 1980s he made this comment to a congressional hearing. From AP May 1988 Moscow Embassy newspaper article cited under international politics section above.

"Since the early 1980s, however, federal government support for non-ionizing radiation bioeffects research has declined markedly. W. Ross Adey, a leading researcher based at the Veteran's Administration Medical Center in Loma Linda, Calif., told a House subcommittee last Oct. 6 that current levels of government funding -now about \$7 million a year- are "disastrously low."

**" There is reason to believe that this situation has arisen in part through a well-organized activity on the part of major corporate entities from the consumer and military electronic industries to**

**discredit all research into athermal biological and biomedical effects," Adey said.**

Louis Slesin, editor of Microwave News, a newsletter covering the non-ionizing radiation research field, said that "what is clear is that Soviet researchers are extremely interested in the effects of this kind of radiation."

Schwan's theory is still officially endorsed in safety standards by the U.S. government. In light of lawsuits claiming cancer and other health effects caused by electromagnetic radiation, the government policy of nonthermal effects of electromagnetic radiation makes sense. The U.S. military is the major funder and user of radar and electromagnetic technology. .

The scientific basis of the bioeffects of electromagnetic radiation at levels below heating of tissue is supported by many scientists but economic and political forces have changed the course of science and as a result the issue of health effects of electromagnetic radiation is controversial to this day. It can be shown that from the 1940s through the 1990s the history of electromagnetic research is based on theoretical foundations that are standing the test of time. (See International article, Cahra website). The 1979 excerpt by V.L. Issraelyan, Representative of the USSR to the Committee on Disarmament actually stated the following. "**Assessments quoted in international literature of the potential danger of the development of a new weapon of mass destruction are based on the results of research into the so-called "non-thermal" effects of electromagnetic radiation on biological targets.**"

Here is an example by A. S. Presman of Russia. The nonthermal effects of electromagnetic radiation theory is accepted in east block countries. A.S. Presman of the Department of Biophysics, Moscow University, Moscow wrote "Electromagnetic Fields and Life" published in 1970. He began his research on the effects of electromagnetic fields on living organisms in the 1950s. In the forward, Presman wrote "Experimental investigations and theoretical considerations suggest that EMFs can have a significant biological action only when their intensity is fairly high and that such action can be due to only one process-conversion of the electromagnetic energy to heat. **Yet there is an increasing amount of reliable experimental data which indicate that EMFs can have nonthermal effects and that living organisms of diverse species -.are extremely sensitive to EMFs"**.

Presman included a quote by V.I. Vernadskii, 1926 in the introduction.(Please see previous Cahra articles citing Vernadskii as father of the Soviet Bomb). Vernadskii stated: "**Only a few of the invisible radiations are known to us at presently. We have hardly begun to realize their diversity and the scrappy nature and inadequacy of our knowledge of the radiations which surround us and pass through us in the biosphere, and to understand their basic roles in the processes going on around us, a role which is difficult to comprehend by minds accustomed to other conceptions of the universe.**" "**We are surrounded and penetrated, at all times and in all places, by eternally changing, combining and opposing radiations of different wavelengths-from ten millionths of a millimeter to several kilometers.**"

The book "Electromagnetic Fields" by B. Blake Levitt, 1987, is good overview of the controversy surrounding electromagnetic fields, from a health standpoint. Levitt is listed in Who's Who of American Women and her work most often appeared in the New York Times before her bookwriting. Page 387 concluded the following. "**The nonionizing**

**band of the electromagnetic spectrum will probably turn out to be far more significant than anyone heretofore imagined. There is a distinct possibility, for instance, that entrainment phenomenon, resonance relationships, and other reactions to nonionizing electromagnetic fields will prove to be a critical, but hidden, variable in all scientific research.**"

This is a complex topic and the facts are becoming clearer as the same patterns emerge. The facts are verifying the claims of victims of nonconsensual experimentation. Another independent source to substantiate the nonthermal theory of electromagnetic radiation is an article in Trial 8-90 page 32, by Bruce H. DeBoskey entitled "Non-Ionizing Radiation: Hidden Hazards". It summarizes the litigation surrounding prolonged exposure to NIEMR or non-ionizing electromagnetic radiation. This is a good reference article and it demonstrates the difficulty involved in court cases filed by victims. The article stated "**the potential for hazards from NIEMR has long been known to the industries involved.**" "**.Some industries have been funding research designed to show the absence of harm to workers or the general public.**"

The EMR, (electromagnetic radiation), nonthermal controversy is being handled by the government in the same way as the defoliant Agent Orange used in the Vietnam war in which there were charges by veterans of the health effects of Agent Orange for years. This is an example of the government's use of lack of scientific evidence to cover up the toxic effects of Agent Orange in order to avoid lawsuits. Time 8-9-93, p51 headline read, "Reversing previous finding, experts link Hodgkin's disease, among other, to the Vietnam-era defoliant." The article continued, ".A study by the Centers for Disease control concluded in the late 1980s that the link between Agent Orange and various cancers was too tenuous to prove. Only 1,000 of the 39,000 claims made would be paid out. Last week, a 16-member panel of experts assembled by the National Academy of Sciences Institute of Medicine.", a link to cancer was made. It has been an ongoing battle". **It was recently reported in the Sacramento Bee Nov. 1, 1998 p. A4 that there is proof that the U.S. military withheld information about possible links between Agent Orange and birth defects, and downplayed the defoliant's link to cancer.**

There are many more examples that could be given such as the history of the radiation victims fight for justice. The government is knowingly carrying out a policy in order to avoid compensation costs. The Vietnam veterans risked their lives in the Vietnam war and the U.S. government should be punished for the way that the agent orange vets were treated. The radiation victims were treated the same way and there is a lesson for the current victims. It is important to realize that victims must actively fight for their rights because for many reasons there is no help for this type of problem in our society today.

### **The medical community's use of nonthermal electromagnetic radiation effects**

From Harlan Girard of the International Committee On Offensive Microwave Weapons, here are three medical conferences featuring electromagnetic technology. The first example has information on the website for NextMed2 is at <http://www.amainc.com/nextmed.html>. It is at Boston April 9-11, 1999 and **the** program chair is Cdr Shaum B Jones MD of DARPA or Defense Advanced Research Projects Agency. Lectures included topics such as "**The Inner Universe of the Mind, Insights from Neurobiology and "Replacement Parts for the Brain"**".

The second conference is ElectroMed99 April 12-14, 1999 in Norfolk Virginia at [www.ece.odu.edu/~emed99](http://www.ece.odu.edu/~emed99) entitled **Nonthermal Medical/Biological Treatments**

Using Electromagnetic Fields and Ionized Gases. The conference description stated in part, "Electrical pulses with duration down to less than one billionth of a second but at voltages exceeding ten thousand volts allow us to explore and utilize

electrical interactions with biological cells without heating the tissue. The high frequency components in the ultrashort pulses have been shown to provide a pathway to the interior of cells. Pulsed, high power microwave and millimeter wave sources allow us to explore and utilize nonlinear processes on the molecular level, with the potential to modify molecular structures, such as DNA, selectively. **Harlan Girard pointed out, E. Postow of the National Institutes of Health was on the Program Committee of ElectroMed99. He was also editor of a tribute to H. P. Schwan,** see above, nonthermal controversy section.

Third, NIH ( National Institute of Health) and the Air Force are represented at a workshop on "**Therapeutic Benefits of Electromagnetic Fields**". by the Bioelectromagnetics Society in Washington DC on Feb. 12, 1999. Speeches included "**The Use of MW Technology for Remote Physiological Measurements**", Henry Kues, PhD., Applied Physics Laboratory, Johns Hopkins University and "**Repetitive Transcranial Magnetic Stimulation in Treatment of Mood Disorders**", Andrew M. Speer, MD Senior Staff Fellow, NIMH, Biological Psychiatry Branche.

### **Example: We're All Radio Stations**

## **New York Post**

Friday, December 29, 1939

# **We're All Radio Stations, Columbia Scientists Report**

All Atoms, in Humans or in Steel, Found  
to Emit and Receive Long Waves

COLUMBUS, Ohio, Dec. 29 (AP).--Every living thing on earth is a radio broadcasting and receiving set unconsciously sending out and receiving long-wave wireless messages.

Professor L L Rabi, Dr. P. Kusch and Dr. S. Millman of columbia University told the American Association for the Advancement of Science today that all atoms, whether part of the heart tissue of man or a piece of steel, constantly emit radio waves which can be detected and measured.

Even death of an animal organism does not mean the stopping of activity, they said, since the atoms which form part of the living cell continue to emit radiation after the organism as a whole has ceased to function.

The Columbia scientists measured these radio waves from atoms for the first time and found them similar to the action of visible light, though the waves are much shorter and can be detected only by delicate apparatus.

The method was used also in exact studies of the nucleus of the atom.

All nuclei of atoms and the particles which surround them spin much like a toy top. The spinning is irregular, the particles of the atoms jumping with the speed of light from one point to another. "The radio waves which we have studied are emitted when the atoms pass from one of these states to another," they said.

In their experiments, the Columbia scientists measured these radio waves with an accuracy 10,000 times better than has ever before been achieved, by shooting particles of atoms at high speed between two magnets.

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## Chapter 11. Progress

Progress has been made internationally where the US suppression seems to be less effective. Below are the milestones and preliminary analysis of the international remedies through treaties, human rights law and international law.

1. Beginning with the CWC or chemical weapons convention, reported by Barbara Hatch Rosenberg in Bulletin of Atomic Scientist Sept./Oct 1994 p45, Hatch Rosenberg stated that under "The Certain Conventional Weapons Convention (also known as the Inhumane Weapons Convention and by its full name, "Convention on Prohibition or Restriction of the use of Certain Conventional Weapons Which May Be Deemed to Be Excessively Injurious or to Have Indiscriminate Effects", international discussions are now under way that may lead to the development of a specific new protocols covering electromagnetic weapons;. **The current surge of interest in electromagnetic and similar technologies makes the adoption of a protocol explicitly outlawing the use of these dehumanizing weapons an urgent matter.** "An article on nonlethal weapons entitled, " A Fate Worse Than Death" **New Scientist, 10-18-97, p. 27, Dr. Robin Coupland of the ICRC or International Committee of the Red Cross , "believes nations need an international treaty that specifically covers the new technology. "**
2. European Union Resolution on A4-0005/99, environment, security and foreign policy passed on Jan. 29, 1999

The **draft resolution** included the following section and is indicative that victim's allegations are getting through to officials. H. **(c) whereas there is mounting documented evidence, from as early as the 1960s, much of it from official and military sources, clearly indicating the potential of electromagnetic radiation to profoundly affect humans, positively or negatively, leading to the possibility of new medical treatments and/or methods for manipulation of human central nervous system, including brain function, and even high energy weapons."**

In section (4) of the draft resolution, there is an example of the actual use of the technology. **It read, "Hi-Tech Psychological Warfare arrives in the Middles East", Bulletin, 23 March 1991, ITV London News Bureau Ltd, quoting accounts from Iraqi troops explaining the negative psychological effects of the electromagnetic transmissions;"**

And section H (h) read, "whereas, with hindsight, it is clear that allowing the military to operate in secret had not protected their secrets from their perceived enemies, and has in fact enabled all sorts of excesses, including environmental and health ones, so that they have come to threaten the security they purport to provide, ." And most importantly to victims, section 15 (b) read, "**Calls for a Committee of Inquiry to investigate the very extensive research in this field, and in particular the multitudinous claims of victims of being exposed to various forms of electromagnetic systems and other so-called "non-lethal" weapons, to include in particular the claims of the women of Greenham Common, but not limited to victims within the EU, so that former Iraqi troops or others could at least be interviewed:"**"

The relevant section to EU A4-005/99, which passed this years read, "**27. Calls for an international convention introducing a global ban on all developments and deployments of weapons which might enable any form of manipulation of human beings;**" It is posted on the European Parliament website at <http://www.europarl.eu.int/sg/tree/en/>. Find activities, then click on Plenary Sessions, then click on Reports by A4 number, then fill in 0005.

3. Electromagnetic Weapons Summary: by Grattan Healy, Advisor on Energy & Research Green Group in the European Parliament: February '99

Electro-Magnetic (EM) weapons are one of the newest and most serious military developments in the world today. Enormous secrecy surrounds their development, which is helped by the fact that they rely on the complex physics of non-ionizing radiation and on bio-electromagnetics. They can be broadly broken down into two categories- those aimed at the environment and those aimed at living systems, or in reality the human central nervous system. In the case of the environment and those aimed at living systems, or in reality the human central nervous system. In the case of the environment, very large quantities of energy can be literally 'broadcast', like radio, to create certain special environmental effects- radical changes in the ionosphere to affect communications, and possibly even the weather, as well as reflection to earth to perform such feats as x-raying the earth to find underground installations, possibly large transfers of energy to power equipment, or to apply destructive forces anywhere on earth, including EMP effects (Electro-Magnetic Pulse, associated with nuclear explosions), and simpler tasks like submarine communication, using very long waves. **The more sinister aspect concerns the ability to use low energy density waves of particular frequencies and special waveforms to literally 'tune into' the human central nervous system (CNS), something that has been achieved in the laboratory, according to publicly available scientific literature.** This might be done on an individual scale, to temporarily or perhaps permanently alter psychological states, so as to elicit certain behaviours temporarily or perhaps permanently alter psychological states, so as to elicit certain behaviours from human beings. It is alleged that many victims have been tested involuntarily for

decades now with this technology. It is also suggested that these weapons have been used in some actions, most especially the Gulf War and against the Greenham Common women in the UK. In this case they would have a mass effect, in that they are aimed at large groups. This use is sought not only by the military, but, alarmingly, by the police forces as well, clearly for the purpose of controlling unruly domestic populations. Once achieved, such a system might become irreversible, or unstoppable. The subject came to the attention of the Green Group in 1996, and we have slowly developed a knowledge base and large archive in this highly specialized area. Several special meetings culminating in a Foreign Affairs Committee Parliamentary Hearing have been held at the European Parliament as a result, and finally the Group managed in early January '99, with the help of interested Members in other Groups, to have Parliament pass a resolution referring very critically to this subject. **This subject also has very serious implications for standard setting for non-ionizing radiation, because the levels of exposure at which one can manipulate the human being are very low indeed, since it is the tuning and the waveform which matter, not the levels, which is the reason that Russian exposure standards are apparently 1000 times lower than the US standards.** Setting standards suited to the use of mobile phones and power lines, so as to avoid the long term health effects, while very desirable indeed, may not even be low enough to prevent the use of these weapons, and may even legalize their use, something the Greens must be very careful of, since we have been responsible for this subject to date in the European Parliament (Lannoeye, Belgium and Tamino, Italy). Ideally, for now, we should exclude military sources, specifically weapons, as opposed to communications equipment, from EU legislation on non-ionizing radiation altogether.

It is worth comparing the standard setting processes for non-ionizing and for ionizing radiation, as they are remarkably similar. The military, via the International Commission on Radiological Protection (ICRP), played a major role in originally setting ionizing standards at ridiculously high levels burying or ignoring the science, leading to the need for continuous reductions in the acceptable exposure levels. Something similar appears to be happening with non-ionizing radiation, in that a very similar unelected 'independent' advisory committee (ICNIRP-International Commission on Non-ionizing Radiation Protection) has offered advice in this area, which is accepted blindly by the European Commission, despite the fact that, once again, much of the science is being ignored, and the precautionary principle, for some odd reason, seems not to apply. The fact that two of the US representatives on ICNIRP are associated with the military has echoes of the past, and is most suspicious. The focus of public attention so far has been a project in Alaska called HAARP (High Frequency Active Auroral Research Program), which is a massive 'array' transmitter designed to manipulate the ionosphere for military purposes- communications effects, earth x-rays, and possibly weather manipulation (despite conventions banning this). **But the range of uses of this basic technology is very wide, much wider than its predecessor, ionizing radiation (nuclear). The primary difference is that electromagnetic waves can be 'tuned' so as to have certain effects on living systems, whereas the 'chaotic' nature of ionizing radiation does not facilitate this and the result of exposure to it is normally direct damage only.** As stated above, scientists have been able to 'tune EM to facilitate remote direct communication with the central nervous systems of living creatures, and they are of course especially interested in using this fact to manipulate human beings. According to their own official documentation, the military and the police

themselves are planning to use these technologies to control populations. They were used in a crude form by the Soviets against the US Moscow embassy in the '60s with fatal consequences for the ambassador himself, and it is believed that they were used in what is called a 'superfence' against the Greenham Common women, and also to demotivate the Iraqi troops during the Gulf War. The Soviets tried in the 70s to prevent an arms race in this area by means of a Convention, but the US rejected these efforts, and has moved ahead very rapidly, also within NATO, into a dominant position. Unless this development is stopped, we are entering an Orwellian '1984' type scenario, which could potentially permanently transfer enormous power to those in control of the technology. **It must also be seen in the wider context of the on-sided arms race currently underway, where the US is re-arming, by continuing with "Star Wars", and is aiming to be totally dominant in 'Space Power' by 2020. Electromagnetic weapons play a key role here, alongside ABMs, lasers and particle beam weapons.**

Group Position: We are of course totally opposed to the development and deployment of these weapons. We regard the unsuccessful attempts in the 70s of the former Soviet Union to have these weapons controlled by a UN Convention as having been a major missed opportunity, which has now led to a new arms race in this field. We have sought to renew the attempt to have a Convention to outlaw these weapons and the research that lead to them, primarily that concerning external manipulation of the human central nervous system. We are alarmed that, already, the US is moving toward deployment of ABMs, in Alaska for example, in breach of the 1972 ABM Treaty (possibly arguing that the USSR no longer exists!), and is also developing weather modification weapons, which would breach the 1977 UN ENMOD Convention. Adherence to these existing Treaties is absolutely essential from our point of view.

Positions of Other Groups:

The focus for debate so far in Parliament on this issue has been provided by a report on the environment and the military, authored by Swedish Socialist and peace activist Maj Britt Theorin. She referred to this very sensitive matter in a rather passing fashion in her draft report, having met, during a Parliamentary hearing on the matter, some of the main activists on the issue, and having also apparently met some anonymous scientist. Enormous pressure was imposed on the rapporteur Mrs. Theorin, we believe via her 'scientific' advisers, and she opposed every attempt to strengthen the resolution on this subject. At some points the PPE divided, and important Green amendments were lost, such as our call for a convention banning the human CNS research!. The Left (GUE/NGL) followed the Socialists, while the Liberals were mixed, but helpful on this question to some extent. In the end, we achieved a quite remarkable Parliament resolution on January 28th, damning the US for not being willing to even come to discuss the matter with the Parliament, and in particular attacking the HAARP project in Alaska, calling for a Parliament STOA study on it, while also calling in rather vague terms for a ban on the manipulation of human beings.

Initiatives Taken by the Group:

Being a very difficult subject, as it is (or seems) so new and very technical, and seemingly science fiction, it has been necessary to move carefully and not too quickly. **We began in 1996 with two special Green Group meetings, one**

**showing an excellent BBC Horizon documentary on HAARP, and involving experts like Dr. Rosalie Bertell from Canada, an Dr. Nick Begich from Alaska, author of the best-selling book on HAARP, as well as MEPs like Tom Spencer and Carlos Pimenta, to make Members aware that this was no science fiction.** That let the Parliamentary Hearing on HAARP and 'Non-lethal' Weapons in February last year, in the Foreign Affairs Committee. The culmination so far was the Theorin report, and the considerable success in adding references on this sensitive subject, by adoption of our amendments, and some by the PPE.

Future Plans:

Not much has happened since the adoption of the Theorin report and resolution, and changes in the Membership of the Parliament in June may be having to start again to some extent. However, the media have now started to take the matter more seriously since Theorin. The STOA study should be produced in the next year. Green Ministers will now be urged to act on the matter. The new group will have to face this new issue after the election to decide how to proceed.

4. There are steps forward and back, Dec/Jan 97/98 Nexus, p8 stated that "On 19 November 1996 something happened in Strasbourg, France, which could fundamentally remove many of the rights of patients. It had no public airing beforehand, and has been little reported on ever since. **After marathon discussions, the Committee of Ministers of 39 European Union member states adopted the Convention on Human Rights and Biomedicine. This allows for future drug use and other medical trials to be carried out on potentially huge numbers of people, possibly without their consent.** those particularly at risk include the mentally ill who are deemed not to be able to give their consent; those with diseases for which there is no "known" cure(i.e., AIDS, cancer, CJD); people who are in a coma; those needing emergency treatment; and, perhaps most worrying of all, children. Although the convention applies only to EU member countries, the US Food and Drug Administration (FDA) simultaneously, and very quietly, changed its rules to be almost identical to those of the Strasbourg Convention. These new rules also mean that some groups of people may be involved in medical research programs without their knowledge or consent. Under the guise of individual "protection", the Convention says that in certain situations "general interests" will take priority over those of individuals. There is even the provision for organ removal from a living person, without consent, for transplant purposes in "exceptional circumstances". Source: Doris Jones, What Doctors Don't Tell You, Sept.97).
5. The United Nations General Assembly has adopted this 1996 Resolution 51/37. Prohibition of the development and manufacture of new types of weapons of mass destruction and new system of such weapons. This resolution has interesting history that began in 1975. The Soviets first proposed this resolution and it has been up for debate with the United States ever since as the UN record reflects. In 1979, the Soviets specified what they meant by "new weapons of mass destruction" The list included " (c) Infrasonic "acoustic radiation" weapons. **They would utilize harmful effects of infrasonic oscillations on biocurrents of the brain and nervous system.** " and "(d) Electromagnetic weapons operation at certain radio-frequency radiations, which could have injurious effects on human organs. " Quote from United Nations and

Disarmament: 1945-1985 by the UN Department for Disarmament Affairs. (1985) NY.

Here is more documentation from the UN. The next quoted four paragraphs are from the 10 July 1979 Committee on Disarmament 1-52, V.L. Issraelyan, Representative of the USSR to the Committee on Disarmament. "**As a result of research into the effects of electromagnetic radiation on biological targets, the existence of harmful effects of radio-frequency radiations within a wide range of frequencies on such vitally important organs of the human as the heart, the brain and the central nervous system may now be regarded as a firmly established fact.** Assessments quoted in international literature of the potential danger of the development of a new weapon of mass destruction are based on the results of research into the so-called "non-thermal" effects of electromagnetic radiation on biological targets. These effects may take the form of damage to or disruption of the functioning of the internal organs and systems of the human organism or of changes in its functioning."

"As regards the possibility of devising technical means of generating electromagnetic radiation, many countries already have a highly developed technical base in the field of radio engineering and radio electronic. Powerful high-frequency generators, radar devices and other radio engineering installations serving various purposes have been developed and brought into use. The development of these means reflects a common trend in that efforts are being made to improve their characteristics, increase their efficiency and reduce their dimensions. Data available in the scientific literature show that the peak capacity of electromagnetic radiation generators has increased almost a hundredfold during the past four years alone. It is expected that, in the next five or six years, means capable of the directional transmission of electromagnetic radiation density in excess of known safety standards will be attainable in areas measuring dozens of square kilometres."

**" It is therefore to be expected that, taking into account further achievements in science and technology, it may be possible in time to devise means of generating powerful electromagnetic oscillations whose parameters could make those means suitable for use as a new type of weapons of mass destruction."**

" During the course of the discussion in the Committee on Disarmament of the question of the prohibition of new types and systems of weapons of mass destruction, Soviet experts as well as experts from a number of other countries adduced concrete scientific data and facts which convincingly demonstrate that, in view of the present level of science and technology in certain areas, it is scientifically justified to speak of the possibility of developing corresponding new types of weapons of mass destruction, and in particular those listed in the annex to the expanded draft agreement. **It is practically no long possible at the present time to dispute the fact that the possibility of developing new types and systems of weapons of mass destruction--**the consequences of whose emergence are as yet difficult to foresee--exists, and that the problem of the comprehensive prohibition of the development, manufacture and stockpiling of new types and systems of such weapons is therefore a pressing one."

## Weapons 1998 Civil Court Case Dismissed and Appealed to the Inter-American Commission on Human Rights

Andrews Electromagnetic Field Litigation Reporter, Oct. 98 (www.andrewspub.com) reported "Human Testing Claims 'Too Vague to Confer Standing,' U.S. Argues". The article continued, "United States government attorneys say that a class action suit, allegedly on behalf of persons who have been unwitting subjects of government-sponsored radiation and electric and magnetic field exposure tests, should be dismissed because its "vague allegations are insufficient to confer organizational standing." The government tells U.S. District Judge Gladys Kesler of Washington, DC, that not only does the plaintiff group appear to have only one identified member, but the allegations contained in its complaint are too speculative to support its claims that unauthorized testing has violated the constitutional rights of an untold number of Americans." On page 6, the article continues with ".The International Committee alleges that Girard, and others whom the group seeks to represent in the suit, have "experienced symptoms which are consistent with exposure to biological process control weapons and microwave technologies. The complaint alleges that government agencies are compelled by a March 1997 presidential directive to develop regulations preventing nonconsensual human testing. **The government, in reply, holds that the executive order cited by the group does not have the force of law and, thus, does not confer a private right of action upon the plaintiffs.**"

JAMA, Journal of the American Medical Association, Vol. 277, No. 20, p. 1583, reviewed the March 27 memorandum by President Clinton. The article stated that "President Clinton has directed federal agencies to adopt stricter rules for the conduct of classified research on human subjects. The directive follows most of the recommendations made by a committee he appointed in 1994 to investigate radiation experiments conducted on unsuspecting people by the US government during the Cold War. In his March 27, [1997] memorandum, Clinton directed federal agencies to propose new rules that would require scientists conducting classified research on humans always to obtain informed consent from potential subjects, to tell the subjects that the research is classified and explain what classification means, and, in most cases, to disclose to subjects the identity of the agency sponsoring the research. The rules also should require agencies to keep permanent records of all secret research involving humans, ." It is relevant to Girard's court case that the JAMA article continued with the following. "Clinton has directed federal agencies to issue a formal report annually on the number of classified human research projects and the number of subjects in each project." According to the Girard court case, this was not done.

As reported in Microwave News Nov/Dec 1998, p16, ".In September, a lawsuit brought by the International Committee for the Convention Against Offensive Microwave Weapons (ICOMW) was dismissed in the U.S. district court in Washington." "We were asking the court to enforce a presidential memorandum which bans involuntary research on human subjects," "The Philadelphia-based organization had alleged that the DOD and the CIA have conducted such experiments in their efforts to develop weapons systems using EMFs, lasers, microwaves and sound waves(see MWN, M/J98). The judge ruled that the group did not have standing to bring suit because the people alleged to have suffered from such testing were not ICOMW members. She acknowledged that Girard himself was a member, but stated that his own complaints were "too generalized and nonspecific to support a complaint." Girard told Microwave News that the ICOMW

could not afford an appeal. **Instead, he said, the committee plans to raise the matter with the Inter-American Commission on Human Rights.**"

The above case was dismissed and it required a large sum of money, out of the reach of most victims. It is interesting to note that **the court case cited a violation of the 4th,5th and 8th amendments to the U.S. Constitution. It also cited "Violation of Treaties and International Law". This included the Nuremberg Code, the Universal Declaration of Human Rights, the Helsinki Declaration, the ICCPR and the Convention against Torture.** The case is US District Court for the District of Columbia, ICOMW v US Case # 1:98CV00939.

7. World Organization Against Torture USA October, 1998 Report on "Torture in the United States, The Status of Compliance by the U.S. Government with the International Convention Against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment"

This report is another milestone, thanks to the three years of lobbying efforts by Harlan Girard of the ICOMW. This report was prepared by "The Coalition Against Torture and Racial Discrimination, A Joint Working Group of Non-Governmental Civil and Human Rights Groups in the U.S., Compiled and Edited by Morton Sklar, Director, World Organization Against Torture USA The project to organize a working group of U.S. based civil and human rights organizations, and compile and issue a joint report on U.S. compliance under the Convention Against Torture, was made possible through grants provided by the Ford Foundation and the World Council of Churches". A partial list of individuals who contributed to this report were the ABA, ACLU, AI, Meiklejohn Civil Liberties Institute and many more. There were 11 chapters and over 99 pages. A copy can be obtained from OMCT Suite 400, 1015 18th St. NW Washington, DC 20036 tele, (202) 861-6494 and it is posted on their website at  
<http://www.omct.org/woatusa/CATreport/science.htm>. [moved:  
<http://www.woatusa.org/>]

The relevant chapter is chapter 10. Involuntary Human Scientific Experimentation. Here are the highlights.

"The 1995 Initial Report of the United States to the United Nations Human Rights Committee acknowledges that a number of Cold War era experiments involving the exposure of humans to radiation were conducted that would be in violation of the International Covenant on Civil and Political Rights. **It does not however discuss in any detail: .whether any steps have been taken to ensure that such experimentation does not take place in the future.**" The report then discussed radiation experiments and stated, ". **while high level officials were aware of the dangers and the ethical considerations involved, there was a consistent lack of effective regulation governing administration of the tests.**" This section on experimentation ends with the following two paragraphs.

"In summary, although the U.S. government has taken important steps to acknowledge some of the errors that occurred in the past involving improper human experimentation, very little has been done to properly compensate those adversely affected by these experiments, and courts have refused to hold the government financially responsible for what has occurred in many areas not

presently covered by legislation. In addition, full disclosure of improper experimentation still has not taken place, and the adequacy of safeguards to guarantee that these types of unlawful practices do not occur is still very much open to dispute."

"Similar concerns also are being raised about involuntary human experimentation involving new forms of classified research and testing of high technology military weaponry, including microwave and laser equipment. Groups working on these issues cite, among other evidence of the existence of these unauthorized testing procedures, a White house intergovernmental memorandum dated March 27,1997, establishing stronger guidelines prohibiting non-consensual testing for classified research, but suggesting, by implication, that this type of human subject research may, in fact, be taking place. **Because of the classified nature of these activities, it is very difficult to confirm or disprove that they are taking place. Given the serious negative impacts on non-consensual human subjects that classified research of this type is capable of producing, and given the past history of secret experimentation by the government, these allegations of continuing improprieties involving secret government sponsored human testing should not be dismissed without more thorough, impartial investigation.**"

8. The International Bioethics Committee IBC of UNESCO, Proceedings of the Third Session September 1995, Volume1 included the conclusion to chapter 1 entitled "Ethics and Neurosciences" by Jean-Didier Vincent, Director of the Alfred-Fessard Institute, ". **As a possible instrument of encroachment on human liberty and dignity, the neurosciences may also turn out to be a poisoned chalice on which the worst forms of ideology may thrive.** The purpose of this report is to examine in a clear-sighted way and without complacency, the hopes and risks involved and to issue a few warnings of an ethical nature."
9. The medical profession and the effects of weapons, Excerpts from the Reports of the Symposium held under the auspices of the International Committee of the Red Cross Montreux, Switzerland, 8-10 March 1996

Human rights professionals are coming up with new ideas on how to deal with arms control. The March 8-10 -96 Montreux, Switzerland Symposium entitled "The Medical Profession and the Effects of Weapons by the ICRC, International Committee of the Red Cross included the following. "Mission Statement for the Symposium. .Attempts to limit the development, design and transfer of weapons have met with little success. **It is possible that the future will see epidemics of the effects of the weapons using acoustic beams or electromagnetic waves. These weapons are being developed. It is not known how their effects can be treated.** .A framework for negotiation is needed to which both military and humanitarian arguments can relate. A primary consideration of the effects of weapons in terms of health provides just such a framework. . Conclusions.The participants agreed that to study and communicate the effects of weapons on health both present and future was primarily the responsibility of the medical profession. .the global epidemic of the effects of weapons should be viewed as a public health issue; **the effects of weapons on health provided an objective means of communication and a common language among doctors, lawyers, scientists and military decision-makers; weapons of the future should be assessed in terms of their effects on health;** . Recommendations of the Symposium . **2. a special meeting should be**

**convened to establish the means whereby the effects of weapons on health, including their psychological effects, can be objectively assessed to facilitate a proper balance with military utility; this meeting should also address means of assessing the effects of future weapons."**

The 3-16-96 Lancet, Vol. 347, p. 749, gave a positive review of the Montreux conference. The article stated that "the first hurdle to overcome is the popular misconception that the methods, means and targets of warfare are unlimited. **In fact, targeting of civilians is illegal under international law, as is the causing of "superfluous injury" or "unnecessary suffering to combatants."** It discussed the importance of the organization WHO, **World Health Organization "with its mandate to monitor and publish international public-health trends, is the only agency capable of mobilizing the necessary resources"**. There is a need to collect epidemiological data on the public health aspect of the effects of weapons. The article concluded that "the time for coordinated and robust clinical involvement in prevention's has begun".

10. Russian State Duma Expert Yuriy Lopatin Calling for Legislation Banning Illegal Development and Sale of Mind-Control Devices Excerpt from the "Man and Law Program, Moscow Russian Public Television First Channel Network in Russia 1610 GMT 6 Oct 95. This report was distributed to several government agencies such as Lawrence Livermore lab and Wright Patterson AFB. It is an unclassified FOIA response and the whole excerpt is below.

"Program includes a 5-minute report over video by Uriy Vorobyevskiy on Psychotronic weapons. Report opens with footage of Branch Davidian Siege and the claim that FBI has used a psychotronic device developed by Moscow scientist Igor Smirov. Video includes footage of Smirnov's laboratory, interview with Smirnov on possible uses of psychotronic technology; footage of special-troop recruits under instruction said to have been filmed at MVD Research Institute; interview with Aleksandr Kachurov, member of Moscow Psychotronic Institute, who says psychotronic devices are available to people who are willing to pay for them."

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## **Chapter 12.**

### **Strategies for victims: fighting back**

Research and organization is making a difference. Here are possible strategies for the future effort to stop this human rights abuse. This issue has been closely studied and victims are learning much from the process, so that a solution to this problem will occur in this generation. There is a tremendous amount of information to be gathered on this topic. And the information has solidified the claims. Some of the newly found information is below and the evidence continues to support victim's claims. Victims who allege government harassment and targeting with electromagnetic weapon technology have been ignored and discredited. Government documents are classified and any sophisticated electromagnetic warfare signals used on alleged victims are difficult to detect. It is a Samson and Goliath analogy. But victims are networking, organizing and fighting back.

Professionals are scientifically studying the cluster of symptoms common to most victims.

CAHRA is sponsoring the Dr. Rosalie Bertell Project and has started a preliminary study of the medical claims of victims. Dr. Bertell has a doctorate degree in Biometry, the design of epidemiological research and the mathematical analysis of bio-medical problems. Currently, a medical doctor working under Dr. Bertell is reviewing victim allegations in order to design a larger study. Dr. Bertell is highly qualified and is active in the international peace community to this day. For example, she has worked on the International Medical Commission -Chernobyl which investigated violations of human rights of Chernobyl victims. The Preliminary Study on electromagnetic technology human rights abuses will be released on November 1, 2000. Please see CAHRA website for details.

1. There is no solution but many approaches towards the goal.

Here is an example of hard work and progress short of victory. The outcome was still worth it. California Representative Ronald V. Dellums wrote an excellent 1983 book "Defense Sense, Search for a Rational Military Policy". He held hearings on defense policy and an alternative military budget. It failed but opponents treated it as a serious challenge to the status quo. Participants included Hon. J William Fulbright, Dr. Michael T. Klare, Dr. H. Jack Geiger, Dr. Herbert Scoville, (See Scoville, CIA work above) and more.

2. Information the public needs to know

A grassroots effort is one way to overcome governmental obstacles. The public has much to benefit from learning the facts. Their children's future may be affected, and now that there is proof of victimization of people of all walks of life, including children. There is more reason to be concerned about the unaccountability of classified research. The government is not using this technology to improve health and save lives. They are developing weapons and using huge amounts of tax dollars in the process. Victims report

a set of symptoms over and over and their descriptions points to a technology in which the mechanisms of hearing and sight have been discovered and perfected. This technology could be used to overcome deafness and blindness.

Victims report sophisticated manipulation of their memory functions and agree that the mechanism of memory processes have been deciphered. This could be used to help Alzheimer's patients. Every nerve of the body can be controlled remotely and this could be used to block pain in chronic back pain cases or terminally ill cases. An article entitled "Attacking tumors with robotics and missile technology" in Biophotonics International, Sept/oct95,p22, demonstrates that this use of military technology is being used in civilian situations. The article described ".a new procedure that blends high-precision robotics with 3-D imaging and missile-tracking technology. Called computer-mediated stereotaxic radiosurgery (CMSR), the techniques uses agile robotic arms and powerful x-ray machines to safely destroy any cancerous tumors. .the system delivers short pulses of high-energy radiation.so accurately that healthy tissue surround the tumor remains undamaged." The conversion of military technology for civilian use needs to be expanded.

### 3. Research and collecting information is important

Writing Freedom of information act requests and compiling important information is worth the effort. There are many leads to follow. For example, Financial Times, Nov, 30 1999 reported

**" Pretoria- The SA Defense Force (SADF) was involved in highly secretive research in the early 1990s into changing people's brain functions, the Pretoria High Court heard yesterday. Jaap Cilliers, counsel for the apartheid government's chemical warfare expert Dr. Wouter Basson, put it to former SADF surgeon-general Niel Knobel that the research "terrified the world" because it was feared it could be abused to permanently alter people's brains to make them passive or aggressive.** Knobel said he had been aware that highly specialized equipment was imported for AIDS research and knew this equipment was also used in research on substances to incapacitate crowds, including the drugs mandrax and ecstasy. However, he found it difficult to comment on claims by Basson that the same equipment was also used in studies on altering brain function."

There are important questions to be answered. For example, under what government agency are the experiments taking place?

Victims have attempted to determine under what government agency the experiments are taking place. Given their history, the CIA and DOD, or department of defense are likely agencies. High security, very sophisticated equipment are the limitations to locations and it is likely manned locations on military bases. A few inquiries have shown where the experiments are not conducted. Dr. Joseph G. Perpich, grant director of the Howard Hughes Medical Foundation, replied in an email dated 10-22-98 that "**I do not know of any classified experiments in the neurosciences, and I do not know where one can direct inquiries regarding the same.**"

On March 27, 1997, President Clinton issued the memorandum on "Strengthened Protections for Human Subjects of Classified Research. On Feb 4, 1999, in response to a question "Does the Department of Defense conduct or contract out classified research? Dr. Edward M. Land, Office of the Deputy of Defense (Science BioSystems Division, he is the director of human subjects committee for the Department of Defense) stated,

No, the March 1997 memorandum which stated that all agencies conducting classified research involving human subjects had to meet certain specifications and requirements as stated in the memo or discontinue all classified research one year from the published date of 27 March. The DOD complied and stopped all research that was classified and involved human subjects. The new "interim final rule" for classified research involving human subjects was presented to the federal agencies last Friday( 1-30-99). This rule is out for public comment and will be on the OPRR website in the future or the NBAC website. .If the DOD funds or sponsors 'extramural' research, the private contractor must meet all regulations that the DOD facilities must meet. They must abide by the Federal Common rule and any other regulations that govern their

project." President Clinton's memorandum was issued to several departments for compliance including Director of Central Intelligence and the Secretary of Defense.

Since the experimentation continues to this day, according to victims, it would be likely that the government agencies have classified special access programs and are breaking the law again, as occurred in radiation experiments. This quote was from Bulletin of Atomic Scientist, Sept/Oct 1994 p 43.

"Special access programs employ security measures that are draconian compared to ordinary classified programs." stated Cong. Patricia Schroeder, who chairs the House Armed Services Research and Technology subcommittee. [She] mentioned at a recent hearing that she'd asked the Defense Department for a list of special access programs and their costs. Her request was turned down. **Anita Jones, the Pentagon director of defense research and engineering, claimed that providing the list to Schroeder-whose subcommittee must authorize spending for such programs -would be too dangerous to national security.**"

And a final example from the National Institute of Mental Health, NIMH, Dr. Henry Khachaturian, Public Information Office on 1-27-99. **"To answer your question, the NIMH does not support research on "behavioral weapons." The NIMH does not contract out, sponsor, conduct, or support classified research."**

4. One person made a big difference, a milestone for the cause

The international approach to this problem has been helpful. Nick Begich has consulted extensively on the HAARP, ( High Frequency Active Auroral Research Program of the U.S. government) with the European Union. He has clearly demonstrated how one person who cares, can make a tremendous difference. Defense News Feb 16-22, 1998 p3 discussed his work. It stated ".Nick Begich, a native of Alaska who co-authored the 1996 book, "Angels Don't Play This HAARP," told the European Parliament at the Feb. 5 hearing that while the initial experiment does not have sufficient power to be used as an electronic jammer or satellite killer, the U.S. military no doubt intends to follow up on work to bolster its capabilities. .Begich has studied the project as an independent ecologist since its inception in 1990, and referred the parliamentarians to an unpublished 613-page compilation of a 1991 HAARP workshop held at Hanscom Air Force Base, Mass, known as Technical Memorandum 195." **"T he construction of such a device, Begich said, "may well be a legitimate military goal and requires confidentiality. But how it is to be used should be open to debate. That transparency is not there.** HAARP must be evaluated by independent scientists." Please see the new EU resolution listed under CAHRA table of contents and it's application to mind control victims. Informing professionals and influential people who can help is worth the effort, especially since our case is getting stronger.

5. Political, financial and international pressure, an important tool to be developed

Another tool that many human rights groups use is political, financial and international pressure. The Sacramento Bee Feb. 17, 1999 article page A8 is a classic example that electromagnetic victims can follow. Entitled "German Businesses back WWII Compensation Fund", it stated that "The German government announced Tuesday that 12 of the country's largest banks and businesses will contribute money to a new fund designed to compensate hundreds of thousands of workers, mainly from Eastern Europe, who were enslaved by the Nazis during World War II. **The formal pledge to establish the fund, which is expected to be worth at least \$2 billion and possibly much more, follows months of intensive talks to head off a flurry of lawsuits that threatened to conflict serious damage to Germany's largest corporations and disrupt their expansion plans in the United States.**"

U.S. News & World Report, July 10, 2000 page 24, an article entitled "Pieces of a tragic wartime puzzle stated, " With each cache of secret documents unsealed, **evidence has mounted to support the view that the Allies knew about the atrocities and as early as 1942 had solid intelligence on the death camps.** More that 400,000 newly declassified documents released at the National Archives last week reveal fresh pieces of this historical puzzle that make the case even stronger. .While the Jews's destiny may not have been a top priority, **U.S. intelligence clearly tracked the Holocaust.** The victims of terror speak eloquently in the files of the OSS-the wartime forerunner of the CIA. **The documents trace the unimaginable cruelty and rigid indoctrination that defined daily life at the camps. .What is contained in the remaining 100,000 OSS documents still to be declassified by the CIA?"** The lessons are clear and understanding of human nature as history repeats, is important to victims who can attest to the severity of their torture.

An Economist, Dec. 5, 1998 article entitled "The World is Watching" gives an excellent detailed account of the human rights community today. One section is called "**The Power of Shame.**" Victims must use this important fact. Human Rights Watch, the largest U.S.-based human rights group has reported on the U.S. human rights abuse in a 506 page report on worldwide review of rights abuse (Sacramento Bee, 12-4-98). Amnesty International announced a campaign on the United States, to confront human rights abuse in the U.S. The US government has much to fear from exposure of their cold war secret, nonconsensual electromagnetic weapons testing programs and they will be unable to accuse other countries of abuses that they themselves are committing. Public reaction determines how much the U.S. will respond. This is an avenue for victims to investigate further.

It is important to give serious thought to the presentation of victim's plight and plea for help. Organizations such as the Federation of American Scientists, who include 55 American Nobel Prize Laureates and describe the private, non profit organization's work as analysis and advocacy on scientific and technical issues for global security, so far, will not investigate this issue. An email in Aug. 1998 from Dr. John Pike stated that the number of issues that they have the resources to work on is small relative to the possibilities. **While he felt that the victim's claims were based on adequately established technology,** there are hundreds of issues and FAS chose not to address this issue. Human Rights Watch, the International Committee of the Red Cross and Amnesty International, also have chosen not to deal with this issue, even with repeated requests.

Victims must find other approaches until there is one that works. Harlan Girard of the International Committee Against Offensive Microwave Weapons has tirelessly sat through meetings on the establishment of an International Criminal Court. Again, issues are complicated but Mr. Girard has made inroads and valuable contacts by presenting the issue in a factual way. Mr. Girard has networked with M. Cherif Bassiouni, the main force behind the establishment of the court. Bassiouni is a professor of law and author of the excellent book "Crimes Against Humanity in International Criminal Law. Bassiouni has extensively studied and written about the Nuremberg Code and its history in this book. In addition, he has written "**An Appraisal of Human Experimentation in International Law and Practice: The Need for International Regulation of Human Experimentation**" in the Journal of Criminal Law & Criminology, Vol.72, no.4, 1981 page 1597. These are essential reading if one is to understand international politics and experimentation law. The hope is that some day, illegal experimentation cases would be heard in the proposed court.

Victims need to be innovative in coming up with solutions. Here is an example of innovation by the government. Of course this seems to be more of a token declassification of technology to satisfy public relations for the intelligence community. October 1999 vol. 286 of Science magazine, page 34 described the Medea Committee, **a panel of scientists modeled after the Jasons, a group of scientists who for decades have advised the government on issues relating to nuclear weapons technology.**

"This group meets regularly with the federal intelligence community to discuss how such disclosures can make important contributions to knowledge, without jeopardizing the nation's security."

## 6. What can be done about the media problem?

Some things can be done such as contacting your local newspaper about the CIA connection and if they could reveal this information if they were aware of a CIA relationship to their newspaper. Contacting your congressman for a GAO, government accounting office investigation. Congressmen have the power to request this type of investigation. There are GAO investigations of classified material and a history of investigations similar to the electromagnetic weapon testing issue. GAO/T-NSIAD-94-266 is entitled "Human Experimentation An Overview on Cold War Era Programs" for example. Please note that the GAO stated that generally they do not review singular allegations in specific matters but it is possible that the GAO FraudNET will forward the suspected wrongdoing to an executive agency for appropriate action. (For more information, email to [fraud.osi@gao.gov](mailto:fraud.osi@gao.gov)).

Because there are official reports from various professionals calling for an investigation of involuntary electromagnetic radiation experimentation (see Cahra website), a congressional hearing or staff report similar to the congressional hearing entitled "Is Military Research Hazardous to Veterans Health? Lessons Spanning Half a Century" is more likely to be approved at this time than in the past. It is plausible for the CIA Inspector General's office or the Department of Defense to investigate.

Finding the public official or professional who would be interested in taking up our

issue is another strategy to work on. Prior to the 1990s, for the most part, victims worked alone but now they are organizing and the group effort has and will make a difference. The public would sign petitions, write letters of protest and support this issue, if they had the facts. The government will investigate if a case can be made and political and public pressure is organized. In reality, our system of government works in a certain way and victims need to plan accordingly.

A realistic perspective will make efforts and setbacks more understandable. U.S. News and World Report, Jan 24, 2000, page 5 illustrated the politics involved in government agencies. It helps to understand how the system works. This article discussed the reorganization of the Office for Protection from Research Risks and plans to move it out from under the National Institutes of Health. The article stated, "But now comes word of pressure to oust the office director, Gary Ellis, in favor of a candidate more protective of researchers. "They're trying to fire him for doing the right thing," says a Hill source."

Here is another example. A letter dated March 31, 1998, from Francis X. Brickfield MD, Chair Human Subjects Research Panel, CIA, stated, "I have received today your letter of 22 March 1998 requesting our procedure for opening a formal investigation into your allegation that the Central Intelligence Agency is conducting illegal classified experimentation on human subjects. I have forwarded your request to our Office of the Inspector General for action. That Office is responsible for investigating allegations of illegal conduct within this Agency, and will respond to your complaint." But there was never a reply, even after a call to the Inspector General. Victims must decide for themselves on how to spend their limited resources against a government with virtually unlimited resources.

Victims have written numerous letters to professionals and scientists but this has been a limited avenue of help. Freeman Dyson of the Institute for Advanced Study at Princeton is a physicist and was quoted in the Bill Joy article in April 2000 Wired Magazine on the dangers of technology. **Dr. Dyson coined the word "radiotelepathy", i.e. "something like a cordless phone inside your head" (see Cahra article, Code of the Brain). Dyson wrote this comment. "After the organization of the central nervous system has been explored and understood, the way will be open to develop and use the technology of electromagnetic brain signals."** This quote was from the International Herald Tribune April 25, 1997 page 4, entitled Imagined Worlds, by Rudy Rucker.

In reply to a question concerning classified brain research on March 18, 2000, Freeman Dyson wrote, " Nothing important in science stays secret for long. .The Russians had hundred of secret projects Luckily we are not so good as the Russians at hiding stupid stuff. **So stop worrying about imaginary scares. One of my friends .cures his patients with magnets. .But this had nothing to do with science."**

Dyson was a member of the elite Jason Division, the 40-odd leading scientists-including some Nobel laureates, -who in 1959 and 1960 banded together to work on national security matters in the summertime under the aegis of the Institute for Defense Analyses (IDA). Jason originated as an enabling mechanism to keep younger physicists in touch with defense problems, but it rapidly evolved into a club. "We were all bright young men together; we were all precocious 30 years ago," recalled Dyson. (Excerpt from Science, February 1973 page 460.)

And further, the April 2000 Wired magazine article on the peril of technology, (see future prediction section above) included a quote by Dyson;

Nearly 20 years ago, in the documentary "The Day after Trinity", Freeman Dyson summarized the scientific attitudes that brought us to the nuclear precipice: "I have felt it myself. The glitter of nuclear weapons. It is irresistible if you come to them as a scientist. To feel it's there in your hands, to release this energy that fuels the stars, to let it do your bidding. To perform these miracles, to lift a million tons of rock into the sky. It is something that gives people an illusion of illimitable power, and it is, in some ways, responsible for all our troubles-this, what you might call technical arrogance, that overcomes people when they see what they can do with their minds."

Bill Joy, chief scientist at Sun Microsystems also wrote about Han Morovec, a robotic scientist and founder of the world's largest robotics research program, at Carnegie Mellon University mentioned in previous Cahra website papers. Morovec predicts man machine brain communication for the near future. And Sun analyzed Kaczynski's rant against technology, while Kaczynski is alleged to be a product of a CIA related psychology experiment at Harvard,( see 2000 Atlantic Monthly excerpt, this book, victim section). Sun discussed his meetings with Ray Kurzweil, the distinguished scientist who predicted mind machine computers by 2020,(see future prediction section above).

Joy discussed Arthur C. Clarke, who was privy to discussions about the Strategic Defense Initiative proposed by the Reagan administration. Clarke is affiliated with BT,(see future prediction section above), the British Telecommunications company working on the 'soul chip'. It is evident that these top scientists would know about the development of classified weapons such as a powerful mind control weapon. It insults the intelligence to think that top government, corporation consultants would not be aware of this powerful weapon. Most scientists discuss the amazing new technologies that interface with the mind but use the excuse of national security and do not address the underlying issues involved with weapons such as nonconsensual experimentation. The scientists who talk are killed, or lose government funding etc. (see this book, whistleblower section)

Here is what Joy wrote about information technology.

I have long realized that the big advances in information technology come not from the work of computer scientists, computer architects, or electrical engineers, but from that of physical scientists. The physicists Stephen Wolfram and Bros. Hasslacher introduced me, in the early 1980s, to chaos theory and nonlinear systems. In the 1990s, I learned about complex systems from conversations with Danny Hillis, the biologist Stuart Kauffman, the Nobel-laureate physicist **Murray Gell-Mann**, and others.

And here is what Science, Vol. 179 page 460 stated about **Gell-Mann's** involvement with the Jason Division mentioned above.

Apparently this is a reference to a small study group including Gell-Mann which looked into Vietnam-related problems. Jason members say that there was no Vietnam work when they met at Woods Hole in 1965.

But in 1966, some Jasons and other intellectuals, principally in Cambridge, decided to do something on Vietnam. Roger Fisher of the Harvard Law School .wrote John McNaughton of the Office of the Secretary of Defense in January suggesting an electronic barrier. Meanwhile a group of Harvard and MIT scientists suggested to McNamara that they establish a general technical working group on Vietnam and received his blessing.

It becomes obvious that top scientists and consultants are not going to reveal neurological electromagnetic weapons to the public but it is clear that they would be aware of its existence.

## 7. Working on a legal solution

Understanding the legal system will help in formulating a plan for stopping nonconsensual experimentation. Understanding national security law, for example is knowledge that will increase chances of success. Vermont law professor Stephen Dycus has commented on the area 51 toxic tort case and the need for a special court to balance the needs of individual rights and national security concerns. He wrote a book on national security law, articles on international human rights and also the excellent book "National Defense and the Environment". He is one of the few to take the stand for balancing national security with individual rights, unlike the hundreds of government lawyers.

He is quoted in the Wall Street Journal Europe, February 12, 1996 entitled "Desert Storm: U.S. Air Base Broke Hazardous -Waste Act. Workers' Suit Alleges Washington Hits Claims Tied to Toxic Disposal fires by Citing National Security. Plaintiffs Fear Retaliation" By Margaret A. Jacobs. The article stated that, "The government in effect argues that the national-security privilege -a form of executive privilege- **gives the military more leeway than the president has to keep information secret, even if it involved a crime.**" The article continues,

"The workers' attorneys have repeatedly asked Judge Pro, who once found that the government wasn't liable for injuries to 216 workers exposed to radiation at the Nevada test site between 1951 and 1981, to limit the material the government can restrict under the national -security privilege to truly sensitive information. In other privilege cases, the lawyers say, judges have segregated sensitive material and given the public access to the rest. A few courts have enlisted special judges with high-level security clearance or held secret trials rather than dismiss cases against the government", Vermont's Prof. Dycus says.

The article concluded with the following.

The Defense Department, however, claims to have properly asserted the national-security privilege. Though conceding that its position will result in some routine information about the base being withheld, **government lawyers argue that they can't acknowledge seemingly innocuous facts without creating a 'mosaic' that an enemy could use to figure out what the military considers a secret.** While Judge Pro hasn't ruled on the government's motion to dismiss the case, he has decided in its favor on most important issues

including the 'mosaic' theory. Last month, he found that the government had properly refused to provide virtually all of the material sought by the plaintiffs and that the government had properly classified the manual. He also rejected without explanation the workers' argument that the government can't use the privilege to conceal evidence of a crime. Prof. Turley's office remains under seal and off limits to faculty members and students. He says his clients intend to appeal many of the judge's rulings. One important point, however, the workers prevailed. Last spring, the government disclosed that the EPA had begun inspecting Area 51, making it the first 'black' base opened to public inspection. **But, citing the privilege, the government refused to make the inspection report public, as required by law.** After the plaintiffs objected, Judge Pro ruled the government could withhold the report only if it got an exemption from the president. Shortly afterward, **President Clinton, who the same week publicly apologized to the victims of radiation experiment and who is opening up long-classified files about public exposure to atom-bomb tests in the 1950s, granted the exemption. His memo said keeping the reports secret was in the nation's 'paramount interest.'**

National security is more important than the human rights of Area 51 workers, according to the judge.

8. A grassroots campaign; one avenue of many that victims can effectively work on in their search for an end to nonconsensual experimentation. There are massive problems. Government harassment and problems with secrecy.

The public should know of mind control and electromagnetic technology development and have a say on how it is used. But evidence indicates that they are not interested or may feel powerless to have any effect on the issue. It is a fact that people in the US are not politically active in terms of mind control and other issues. There have been American, Canadian, Australian, Russian and German TV programs about mind control technology, and there has not been a massive public protest. It would seem that the US government is also testing the waters. **There has been little public reaction so far.** Cynicism and the feeling that one cannot make any changes in a system of government that is growing every day may be some of the reasons for this apathy. The problem of mind control merits a response as in the 1960s response to nuclear, environmental and women's issues but it is not there. For these reasons, it seems logical to conclude that the nonconsensual experimentation will continue for many years, without major changes.

9. Harassment in order to suppress information from the public

Scientists developing mind control technology were also under political pressure and loss of funding if they did not cooperate with the status quo. And scientists who have worked on unclassified but related research were also pressured in this way. See previous Cahra articles, on Dr. Robert Becker, Dr. Eldon Byrd and Dr. Ross Adey's loss of funding for electromagnetic nonthermal biological effects research. Tom Bearden is a retired army officer who has written books on electromagnetic weapons and is one of the few professionals to speak out about

mind control technology. It was reported in Atlantis Rising no 12 by William P. Eagles page 18, that "Since the early 1990s, however Bearden has shunned any discussion of psychotronics( this is another name for electromagnetic weapons, see previous Cahra articles), mysteriously claiming reticence to be the prudent course for any man interested in 'staying healthy.'"

Paul Schaefer has a degree in electrical engineering from U of Missouri-Rolla who worked on nuclear weapons for four years for an Atomic Energy Commission contractor and was an activist. He died in 1999. He has written about harassment with hi tech electromagnetic technologies and there have been attempts to discredit him for his views. The Greenham Commons nuclear protesters also experienced electromagnetic harassment and mail tampering, threats and burglaries in the 1980s. See Human Rights Cahra article.

Here are two more examples in the nuclear industry. In 1981, the California Attorney General's Office assigned an estimated 10 percent of the agents in its Bureau of Investigation to a special task force on anti-nuclear activists. In 1971, PG&E attempted to discredit filmmaker Don Widener, who produced a television documentary highly critical of the nuclear industry's safety record(Nuclear California 1982 by David Kaplan p. 26). There are many more examples and this is one reason that the issue of electromagnetic radiation could be kept out of the public eye.

U.S. News and World Report, 4-14-97 p. 15 reported on CSETI's director, Steven Greer, a physician . "**requesting the government to disclose whether there have ever been experiments in remote mind-control, alien cryptography, and other supersecret "unacknowledged special access projects."**" On CSETI's website is Dr. Greer's letter of July 3, 1997 stating that he felt it was a strange coincidence that he and his coworker were stricken with cancer at the same time last year. His CSETI coworker has died. There are many more examples. This is a common phenomena in many different fields in which there are struggles for power. By demonstrating this pattern, it becomes more understandable in a field that people have not heard of, such as classified high technology.

This is an article listed on Lexis Nexis database, available at college libraries. As reported in the Intelligence Newsletter 10-3-96 Indigo Publications, a respected and expensive newsletter on intelligence issues, Admiral Mike Boorda chief of naval operations committed suicide. He is now known to have headed a secret body called the Strategic Studies Group,(available on the Internet), to study topics such as cognitive warfare. It cited an example of using electromagnetic force to produce speech in the human body, enabling covert suggestions to be planted in someone's brain. "The same techniques, say the experts could be used to prevent muscular movements, control emotions and actions, produce sleep and interfere with short-term and long-term memory." **The article states that Admiral Boorda was "deeply involved in a study on the possibilities of cognitive warfare, a form of mind control that uses acoustical, optical and electromagnetic fields or a combination of the three to interfere with the biological processes of an enemy, .some lurid reports have surfaced that he was murdered because he was about to reveal sinister undertakings by the Navy in mind control and brain warfare."**

## 10. Networking with other grassroots organizations

It is hard to convince people to deal with a problem that only indirectly affects their future. To the general public, the mind control issue is a problem that can wait. Mind control triggers thoughts of lunatic fringe, muddied waters with little evidence and fears of national security issues. This is what victims must overcome and find a strategy to deal with. An alternative is to ask people for donations to this cause. For example CAHRA is a non profit 501(c)3 organization. This is a small step that people can do and it would make a difference in the outcome of this issue.

Networking with other human rights groups such as Nukewatch and subscribing to their quarterly newsletter is helpful. There are books on the topic and the latest information on the Stop Project ELF Coalition, how to protest in an effective way. Contact nukewtch@win.bright.net or write Nukewatch, P.O. Box 649, Luck, WI 54853. This grassroots effort has been used by groups such as the famous Project Censored, Sonoma State U in California, a media watchdog group. They have reported on the dangers of HAARP. See <http://www.projectcensored.org/> or contact director Peter Phillips at (707)664-2500.

The Berkeley Earth Regeneration Society headed by Aldon Bryan in Berkeley, California has been working for over 15 years on environmental issue with scientists such as Dr. Glenn Seaborg. At a recent conference in Berkeley, Dr. Bryan described his work as "starting at a grassroots level and working up". This group has worked with Congressman Dellums on legislation and a teachers association, and the AFL-CIO for support. They were recently successful in organizing the Rio conference on air quality, an international effort involving the UN. The internet is also a good grassroots tool for victims and seems to be less censored than major newspapers.

In conclusion, the long-term reality does seem to be bleak and the short term gains in grassroots work are still worth the effort.

## 11. Innovation: in the end, victims must try anything that might work and is realistic

Ed Light, founder of the Mind Control Forum is a victim. He loves computers and applied his talents to fighting mind control. As a result of his informative world wide web internet website, The Mind Control Forum, the movement has grown. Eleanor White has used her many talents to further the cause in very creative ways. Please see her website at [www.raven1.net](http://www.raven1.net). Electromagnetic weapons technology is in the hands of very fallible human beings. As a result, victims experience the down side of technology and are the real heroes by simply surviving.

## 12. The approximately 500 victims who have contacted CAHRA have advice on how to survive this experience

- Go on with your life as much as you can
- Talk to as many victims as you can so that you will know what you are dealing with
- Don't spend money on travel and trying to escape it. This is world-wide. Not one victim has been successful by trying to run.
- Document what you can but don't spend needed funds; learn from victims who have already tried everything

- Be methodical when approaching professionals, don't lose your cool.
  - Do what you are able for the cause but take care of your health and personal life first
  - This is human nature at its worst, plan for the heartless psychological tricks and games by talking with other victims who have been through it
  - Do what you enjoy, are good at etc, for the cause, if you are willing and able.
  - Compensate in positive ways for the torture you are enduring.
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## **Chapter 13. Conclusion: Main points and editorial comments**

### **World-wide, victims describe the same set of symptoms: say torture is hi-tech , worse than ever**

Victims are coming forward from all over the world with stories of hi tech electromagnetic torture. There are reports of nonconsensual experimentation, counterintelligence programs, political repression and mass population behavior control. Cahra has networked with over 500 victims since it was formed by three victims in 1996. Russia has counterpart organizations of thousands of victims and since the break up of the Soviet Union, mainstream soviet press has published numerous articles. A 1998 TV program provides a good description of Russian experiments and it matches U.S. victim allegations Entitled "Secret Russia", the program is Geheimes Russland (TV-Tagestip, Der Dienstag im ZDF: 22-12.98-22.15), described the following, "**Since the years of Soviet rule** people have spoken furtively in Russia of secret research and experiments, which the Army and the KGB sponsor. "In the future are we going to be remote-controlled robots?"

### **Technology has advanced but human behavior has not kept pace**

Briefly, electromagnetic technology works on the theory that the mind and body are an electromagnetically mediated biophysics system and the electromagnetic signals from outside sources can mimic the mind and body's electromagnetic signals and therefore a weapon can be developed based on these principles. Microwave hearing is reported by many victims and is an intelligence tool, according to the many government documents. There has been Soviet and American interest in this weapon as described in the following article. The Federal Times, Dec. 13, 1976 article entitled "Microwave Weapons Study by Soviets Cited." stated, "The Defense Intelligence Agency has released a report on heavy Communist research on microwaves, including their use as weapons. Microwaves are used in radar, television and microwave ovens. They can cause disorientation and possibly heart attacks in humans. **Another biological effect with possible anti-personnel uses is "microwave hearing."**

There are numerous examples of the correlation of government documents with victims allegations from the 1950s to the present. Just one is the following. FOIA CIA 1959 MKULTRA, Subproject 119, "To make a critical review of 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." There is

abundant evidence of victims claims but the political will to stop this abuse is not there, just as in the case of radiation experimentation.

The twentieth century has been called the bloodiest century in the history of man. (See Cahra website nonlethal weapons paper). Human experimentation reflects this trend. There are now excellent books documenting the international history of human experimentation. Examples of the rationalization of government scientists who conducted horrendous experiments has notably occurred in the United States, Germany and Japan. Victims have now compiled stronger information to document a convergence of the complaints and allegations by victims for over 50 years, to the history of UN disarmament documentation and the development of electromagnetic technology and neuroscience. Here is one of the best articles on a classified electromagnetic weapons arms race. The International Review of the Red Cross 279, Nov.1, 1990, "**In spite of the rarity of publications on this subject, and the fact that it is usually strictly classified information, research undertaken in this field seems to have demonstrated that very small amounts of electromagnetic radiation could appreciably alter the functions of living cells.** The article further stated, "**Some research seem to have confirmed that low-level electromagnetic fields, modulated to be similar to normal brainwaves, could seriously affect brain function.**" The article continues, "**Research work in this field has been carried out in almost all industrialized countries, and especially by the great powers, with a view to using these phenomena for anti-materiel or anti-personnel purposes.**"

It is highly probable that the discovery of the brain is used for military and intelligence purposes and space exploration by the U.S. military and other major superpowers.

Victims are organizing. Dr. Bertell and a medical doctor are conducting a study of claims by survivors. The World Organization Against Torture, with funding from the Ford Foundation and several human rights organizations has stated that this issue deserves an unbiased investigation. The European Union has passed a 1999 law on electromagnetic technology that would manipulate human beings. **Not only the numerous uncounted survivors, but several independent professionals are putting their time and effort into this issue. Through facts, information and hard evidence, nonconsensual experimentation will eventually be exposed.**

## **Human rights abuse in the United States: a fifty year cold war secret**

The U.S. government does not want to admit that human rights abuse in the U.S. are as horrific as anywhere in the world. Political control and torture are now hi tech and computerized. **Instead of developing medical cures, this classified scientific discovery of the electromagnetic system of the brain and nervous system has been weaponized just as the secrets of the atom and DNA have been used for the atomic bomb and germ warfare.**

I have no hope that the U.S. government will own up to the ongoing classified cold war abuses until they are caught red handed. The history of secret government experimentation and survivor's lack of response from the government would support this conclusion. New York Times Magazine, 8-31-97, page 38 stated: "**For decades, those who claimed to be victims of clandestine radiation experiments conducted by the United States Government were dismissed as paranoid.**"

Eventually, the U.S. government will be unable to contain this issue; this is the pattern in

the past secret radiation experiments and the Moscow Embassy microwave bombardment. When radiation experiments were exposed in 1993, the government dodged the lawsuits and President Clinton gave a feeble public apology knowing that current secret experiments are continuing to this day. To appease the public, the government settled a few of victims claims. There was a Clinton executive order regulating classified government research and in this act the public was sold the hope that radiation type experiments would never happen again. The hope is false. Harlan Girard's legal complaint alleged that "government agencies are compelled by a March 1997 presidential directive to develop regulations preventing nonconsensual human testing. **The government, in reply, holds that the executive order cited by the group does not have the force of law and, thus, does not confer a private right of action upon the plaintiffs.**"

In comparison to the murders committed, the ruined lives, the profits of billions of defense dollars, this is an insult to victims. The irradiation of Moscow Embassy employees as reported in the 1988 AP article above is similar. Dr. Pollack, the State Department medical consultant, said that "without that Hopkins study, State would be sitting in the soup, because there were about \$250 million in tort actions on the books. **And every one of those has been withdrawn without a penny being paid.**" The study released in Nov. 1978', concluded that "no convincing evidence was discovered that would directly implicate the exposure to microwave radiation by the employees at the Moscow embassy in the causation of any adverse health effects as of the time of this analysis." **[Several experts on non-ionizing radiation disagree such as Steneck, who cited a variety of studies that have been done over the past few years .finding significant effects at very low radiation power levels.]**"

My hope is that victims will learn from this reprehensible behavior by U.S. government, as seen in the Agent Orange, Vietnam vet case, radiation experimentation and the Moscow Embassy employees and the microwave bombardment. The U.S. government has a policy of unaccountability to others and a disregard for the future except to exploit the rest of the world for their gain. As history of experimentation has shown, the underdog may win small battles but not the war. Learning from history is better than to deny this cold reality. Victims should fight with every tool they can and use this knowledge to plan a winning strategy.

### **National security law: numerous professionals say it is used to hide crime, corruption and horrific human rights abuse**

U.S. Representative Patricia Schroeder, Federation of Atomic Scientist Steven Aftergood, University of Vermont law professor Stephen Dycus and more criticize the antiquated and unconstitutional (according to legal scholars) national security law. Citizen's rights are abused and crimes are covered up by national security law. After fifty years, this 1947 law is a cold war relic that is in need of revision.

Victims cannot get the facts out to the public. The internet has helped slightly, to overcome this major stumbling block. The 4-27, 5-3-92, p. 34 Washington Post article by George Lardner, reported on a 1992 CIA report on "Greater CIA Openness". Director Joseph DeTrani stated " **PAO [CIA's Public Affairs Office] now has relationships with reporters from every major wire service, newspaper, news weekly and television network in the nation, " the report said. "This has helped us turn some 'intelligence failure' stories into 'intelligence success stories, and it has contributed to the accuracy of countless others. "In many instances, " the**

**report continued, "we have persuaded reporters to postpone, change, hold or even scrap stories that could have adversely affected national security interests or jeopardized sources and methods,"**

This is one of the best articles for proving the existence of a highly classified electromagnetic weapons program. A 7-7-97 US News and World Report article on 'Wonder Weapons', stated: **"And for a good 40 years the U.S. military has quietly been pursuing [nonlethal electromagnetic] weapons of this sort. Much of this work is still secret," Louis Slesin, a trade publisher for the electromagnetic industry further stated, "People [in the military] go silent on this issue more than any other issue. People just do not want to talk about this."**

For fifty years, electromagnetic military research has been tightly controlled via the media, top scientists and government officials. Those who talk too much lose government funding and there are incidents and rumors of worse fates. For example, the unexplained deaths of 25 defense workers in England in the 1980s was described in the Tony Collins book, "Open Verdict". He wrote, "This wave of suspicious fatalities in the ultrasecret world of sophisticated weaponry has not gone unnoticed by the US government. Late last fall, the American embassy in London publicly requested a full investigation by the British Ministry of Defense. (MoD). The Pentagon refuses comment on the deaths. But according to Reagan administration sources, "We cannot ignore it anymore."

**U.S. government motive: a bloodless weapon better than the atomic bomb, experts warn**

The connection between victims of nonconsensual experimentation and the US military philosophy is clear. **The goal of avoiding politically unpopular deaths in future wars and confrontations is met by electromagnetic and neurological weapons which can psychologically control and break down the enemy without leaving a trace.** U.S. military objectives for psychological warfare and weapons development match victim's allegations of experimentation and domestic counterintelligence programs. There are undoubtedly programs to develop electromagnetic and neurological technology to control brain function for counterintelligence purposes, in outer space conditions and on the battlefield.

This describes military goals in psychological warfare and matches the total devastation of victims lives by this technology. Defense News 9-14-20-98 p1, the subtitle is "Mobile Bedlam Brigades would sow broad chaos, confusion". It stated " **Essentially, the concept's aim 'is to control the will and perception of adversaries, from privates to princelings, by applying a regime of shock and awe,'** group member Harlan Ullman, said Sept 9. " **It is about effecting behavior.**"

**A story of oppression: exploiting victims and billions of dollars in profits**

Experimentation on radiation victims was condoned at the highest levels of government and the same cold war mentality has condoned electromagnetic and mind control experimentation. **There are billions of dollars and thousands of professionals working on this technology under the national security act. The bureaucracy that supports this technology is entrenched because of the long-term, classified cold war development of this weapons program. Further, because**

**of the alleged abuses of the technology, the increasing arrogance of the military and a US foreign policy without arms control, an escalating hegemony is probable.**

The top officials of many countries undoubtedly know about electromagnetic and mind control technology, it is only the public that is in the dark. **Russia warned the world officially in 1979 UN disarmament documents. There was no major protest against weapons of mass destruction using electromagnetic radiation.** Top officials of many countries would have to know about or develop electromagnetic and mind control technology.

## **Decoding the Brain: Top scientists tied to government and intelligence agencies worked on classified science**

The evidence for the scientific basis of mind control technology, for the 'code of the brain' is supported by more examples such as described in the book, "Computational Bioelectromagnetics" by David Copson, 1982. I.I. Rabi Nobel prize winner, in **New York Post, Dec 29th 1939 and his article entitled "We are all Radio Receivers."** is similar to the discovery of the secrets of the atom by Einstein. Scientists discovered DNA, the code of life; the theory of matter and the atom. There are compelling reasons to believe that scientists have discovered the decoding of the brain and consciousness for military purposes.

An article by Allan A. Needell entitled " I.I. Rabi, Lloyd V. Berkner and the American Rehabilitation of European Science, 1945-1954" stated that "**Following the war, Rabi, with J. Robert Oppenheimer, was among the most influential participants in the debate over the control of postwar American atomic energy policy.**" The article continues, "[Rabi was ] chairman of the "Scientific Adviser to the Policy Council" of the Pentagon's Joint Research and Development Board (JRDB). . **Among its duties was to advise the service secretaries (after 1948 the secretary of defense) on issues of long-term planning as well as the implications of scientific and technological advances for military strategy."**The advisers assisted the **founders of the Central Intelligence Group (forerunner of the CIA) in staffing a scientific intelligence branch."**

The public can decide if the available evidence is proof of victims claims. Here is the 1988 AP wire story on the microwave bombardment of the U.S. Embassy from 1953 to the present time. "Richard S. Cesaro, deputy director for advanced sensors at the Pentagon's Advanced Research Projects Agency, in an interview prior to his death two years ago, contended that "**in our experiments we did some remarkable things. And there was no question in my mind that you can get into the brain with microwaves. .If you really make the breakthrough, you've got something better than any bomb ever built, because when you finally come down the line you're talking about controlling people's minds,"**

**A 50 year clash: The self-serving U.S. position, no proven nonthermal electromagnetic health effects vs the Russian and East Block position, a scientifically accepted fact**

The 'thermal effects' of electromagnetic radiation are known. Microwave ovens used to

heat foods is an example. The 'non-thermal' effects of electromagnetic radiation are very small amount of radiation and its effect on the human body. Research on biological effects of electromagnetic radiation is not in agreement with the long-term US policy that there are no nonthermal electromagnetic radiation effects. There is a fifty year documentation of US government efforts to withhold funding of nonthermal EMR research and to discredit scientists working on this research. **The 1979 Russian UN document discussed nonthermal effects of electromagnetic radiation and its potential use as a weapon.** H.P. Schwan, A.S. Presman, Dr. Ross Adey, B. Blake Levitt, court cases and books on electromagnetic health effects; all discussed in detail the history of suppression of the nonthermal electromagnetic radiation effects.

Here are examples of how the U.S. government conducts controversial national security issues. **The U.S. government handled the case of the Agent Orange and Vietnam veteran controversy by suppressing scientific studies.** The irradiation of the Moscow Embassy and the resultant ill embassy employees were not compensated as a result of a tainted, government funded study. Radiation victims and Area 51 toxic court cases could not get the classified proof of their claim. The U.S. government is using similar, unjust and exploitative methods in the current case. **The U.S. government controls most of the funding of electromagnetic research and suppresses scientific evidence for national security purposes. This is a major reason for the controversy today over health effects of electromagnetic exposure from power lines, cellular towers and cellular phones.** The government has funded research in agreement with their military interests while the public is at risk.

## Unclassified electromagnetic technology

There are examples of the intelligence and medical community's use of nonthermal electromagnetic radiation effects. This adds to the support for nonthermal effects of electromagnetic radiation on human beings. There are CIA documents, a NextMed2 Conference, an ElectroMed99 conference and an NIMH Neuroscience Research Report.

In addition, there are numerous examples of neurological research and the interest of intelligence agencies.

Just one example given in this book is the National Institute of Health receives requests from intelligence agencies for ways to incapacitate the central nervous system remotely, US News and World Report, 1997. **There are several world class scientists who have made predictions and warnings of mind control technology over the last fifty years.** One example of the interest in neuroscience; 25,000 brain scientists attend Los Angeles, California, 1998 conference on news ways to map the brain.

The next two articles are profound in their implications. **This is what scientists are reporting, not victims.** A second example, ABCNEWS.com World News Tonight with Peter Jennings March 19, 1998 A Closer Look, Magnetic Therapy for Depression. with Forrest Sawyer, John McKenzie An ABC News transcript described magnetic therapy for depression, "**technology that can be used to manipulate people's thought processes, their mood, their memories and possibly even their will, if it is developed sufficiently.**"

As summarized in the NYTimes Magazine, Sept 29, 1996, on Magnetic therapy. "scientists realized the key was rapidly pulsing the current on and off. Here's how it might work: A hand-held computer programs the pattern at which the fields will fluctuate. **The**

**impulses move through the temporal lobe and penetrate deep into the brain, where they interfere and interact with the complex electrical patterns of the subject's neural fields.** .When Persinger focuses the solenoids on the right hemisphere. they sense a negative presence, an alien. If you interfere with the opiate pattern, people get very irritated,"

## **Key to consciousness: a military weapon**

There is documented evidence that the US government has kept this secret for over 50 years and the US public cannot wait for the US government to tell them; it may be too late by then. **The facts, the motive and the 50 years of technological development add up and it makes sense that the discovery of the secrets of matter by Albert Einstein and the DNA code by Dr. Francis Crick and others are public knowledge but the research on the secrets of the mind is a classified military secret.** "We're All Radio Stations, .All Atoms, in Humans or in Steel, Found to Emit and Receive Long Waves" the 1939 New York Post stated. The nobel prize winner, I.I. Rabi proclaimed that "Every living thing on earth is a radio broadcasting and receiving set unconsciously sending out and receiving long-wave wireless messages." Rabi, along with Einstein was voted as one of the 'immortal' scientists of our time by a Fortune magazine poll of seventeen nobel laureates. He has been a top presidential and government advisor up to the 1970s. Like the discovery of the atomic bomb, scientists around the world made the same discovery around the same time, in this case, 1939. In Russia, Vernadsky and others were stating ideas similar to Rabi's fundamental discovery.

The evidence is growing. There are numerous allegations that electromagnetic and neurological technology is currently being used in programs of nonconsensual human experimentation, in domestic and foreign intelligence projects and for military action. The facts given in this book, such as 1979 UN Russian documentation of nonthermal effects of electromagnetic radiation for weapons use and the US 'nonthermal effects have not been proven' policy coupled with suppression of government funds for nonthermal effects research, are powerful evidence of a 50 year U.S. cold war cover story.

Here is an intriguing quote which a reporter could investigate. Steven Heims wrote "Cybernetics Group" book, Pg. 256, about Gregory Bateson, a famous anthropologist once married to Margaret Mead, (Mead also attended the CIA sponsored, 1950s Joshua Macy consciousness conferences described above). "I looked up Bateson in Sea Life Park in 1968. I had written to him in connection with my interest in the history of the Macy cybernetics meetings. His response was, "**There is certainly a piece of scientific history to be dug out of these meetings-I believe more profound and dramatic than The Double Helix.**" [The Double Helix refers to DNA]

## **A global viewpoint**

The whole picture of a classified new weapon more powerful than the bomb has never been presented to the public in U.S. mainstream press. The microwave bombardment of the Moscow Embassy began in 1953 and it would seem likely that this was the beginning of the electromagnetic arms race between Russia and the U.S. The fears about development of new weapons of mass destruction has already been reported by all of the recent Soviet leaders **in foreign publications** and this has been lost in the other major problems of the world. In addition, international diplomatic overtures involving electromagnetic weapons include the 1977-1996 proposals to ban "new weapons of mass

destruction using new technologies by the Russians. The public protests via the Moscow Embassy microwave bombardment from 1953 to at least 1988 and the public display of the Russian woodpecker signal which the Russians broadcast in the 1970s, ( see previous Cahra website articles) were diplomatic war games. From the 1950s to the 1990s, Russians protested U.S. mind control weapons, to no avail.

President Clinton or any president would arguably not have the clout to face the intelligence agencies or the Pentagon over such a deeply entrenched program involving careers and billions of dollars. After fifty years, mind control technology is in the hands of many, mainly the intelligence agencies, the pentagon, defense corporations and scientific research centers. The Jan.11-17, 1993 Defense News article by Barbara Opall stated,

"Known as acoustic psycho-correction, the capability to control minds and alter behavior of civilians and soldiers may soon be shared with U.S. military, medical and political officials, according to U.S. and Russian sources. . Therefore, the Russian authors have proposed a bilateral Center for Psycho-technologies where U.S. and Russian authorities could monitor and restrict the emerging capabilities."

Mind control is here to stay. It is only a matter of when it will be declassified and how? As Dr. Robert Becker, the two time Nobel prize nominee said, it may be too late to stop it.

The classified electromagnetic arms race is over, the U.S. won There are no major enemies of the United States. It is doubtful that the many countries of the world could agree and coordinate efforts against the United States. It would seem that the United States does and will have world control. This weapon would make it possible.

It is safe to predict that the next world war will be bloodless and silent. Nobody will talk about the electromagnetic weapons or how powerful they are because everyone has something to lose. Any victim will tell you, that they would not wish this weapon upon their worst enemy, ( except the perpetrators). So everyone keeps silent. **Only the USSR publicly protested with electromagnetic weapons against the United States, since the 1950s up to the 1990s.**

Incidents, like the break up of the Soviet Union, even that, did not affect mind control international policy. **It is unlikely that a future incident will reveal electromagnetic mind control weapons, based on the Russian diplomatic protests via the Moscow signal and the Russian woodpecker signal etc.** In addition, the U.S. would not publicly reveal the purpose of the Moscow signal. In 1970 -90s UN disarmament documents, the Russians asked for the control of the development of weapons using nonthermal effects of electromagnetic radiation. They warned of powerful new electromagnetic weapons of mass destruction while the U.S. maintained an opposite policy from the 1940s to this day , nonthermal health effects have not been proven.

Unfortunately, electromagnetic weapons are not a political hot potato because world opinion does not significantly influence the U.S. The U.S. is in an ideal position for expanding its power. The public does not know about the weapon. If it is used there is no proof tying it to the U.S. and everyone knows not to talk about it or they may be the next victim. One of the many rumors is that Naval Admiral Boorda, who committed suicide, tried to reveal this technology and became a victim of it. (see strategy section above). The U.S. has nothing to lose, nothing to fear. There is everything to gain in keeping this technology classified. There are crimes to cover up. The weapons are powerful intelligence

tools which maintain U.S. superiority. Victims can count on the expansion of national security law.

### **Progress: victim's plans for the future**

There are realistic strategies and solutions for dealing with the problem of nonconsensual experimentation using electromagnetic and neurological technologies. Victims must organize: a fundamental step in the process. Victims can work on projects such as codifying, (i.e. making) the Nuremberg Code into U.S. law with punishment for illegal experimentation. National and international laws on new technologies such as electromagnetic weapons need to be passed.

The legal, congressional, executive, human rights groups and media; all are more influenced by money and power than the relatively powerless victims. None of the above listed will take on a losing battle with the U.S. government over a current national security issue. But, victims can work on a grassroots solution. Victims can learn from the government's treatment of Moscow Embassy employees who were bombarded with microwaves, Agent Orange veterans and radiation experimentation victims. The U.S. government has a history of suppressing scientific research that is damaging and abusing the national security act to cover up crime. There has been progress made with newly declassified information and a steady increase in victim's allegations.

There is a high value placed on money and the low comparative value placed on human lives, especially during the cold war and continuing today in the United States, therefore victim's allegations have been ignored. When there is a critical mass of victims, then something will finally officially be done about the 'problem'. But victims should learn from the past and plan a strategy for change. Unfortunately it is a slow process and can hardly be called justice. Of course it is still worth the effort.

### **International justice: with hard work and strategic planning**

It seems clear that an international solution is worth pursuing. It is an avenue around the unethical US national security act. The United States has a poor human rights record and is considered to have a double standard and is losing credibility. But there is no challenge to the US and it's top position in the world. International human rights codes such as the Universal Declaration of Human Rights have influenced public opinion. Under a UN world court decision, the atomic bomb was ruled to be an illegal weapon. Even though governments continue to develop it, the UN world court decision is progress towards the goal of global peace.

The United States has opposed efforts to establish an international criminal court. The United States is the superpower and has a major effect on the world. The United States will probably continue with its current, short sighted hegemonic behavior. Criminal charges for war crimes in Rwanda and Bosnia and against Pinochet under international law is encouraging. Accountability for human rights abuses will diminish future abuses.

### **A final editorial opinion**

The political will during the cold war condoned nonconsensual experimentation as the

only feasible means to ensure the national security of the U.S. The rationale was to sacrifice a few victims to save the country from Russian dominance in the race to develop mind control weapons. The political will today has shifted to an economic dominance whereby victims are still sacrificed for progress in space exploration and better technology to ensure a military edge. There is no end in sight for the victims of this Holocaust.

When nonconsensual experimentation first happened to me, I was sure that I had a big court case because it violated the U.S. constitution and every fundamental right I was entitled to as a U.S. citizen. I felt that the democratic system worked and that in time, I would stop the nonconsensual experimentation. But it was not that simple and I was naive. Democracy is a system with flaws and problems. In my opinion, national security law is a cold war legal relic that has seriously harmed the system of democracy. It is up to the public and victims to change their government-imposed fate. The top leaders of this era knowingly condoned, planned and used science and technology for unimaginable evil, after the lesson of Nazi experiments and the Holocaust. The legacy of the development of mind control will be another dark spot in human history.

The weapon has not been used in a major war and the implications of its power has only affected the victims. But some day, the world will know the extent of this issue. World opinion will probably decide that war has been avoided with mind control weapons and therefore many lives were saved, These are some of the complicated issues and harsh realities worth exploring as victims continue to fight for their lives.

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