

Members  
BRAC Commission  
Arlington , Va.

DCN 5601

May 21, 2005  
Ms. Ruth Moriarty  
281 Chauncy Walker  
Belchertown, Ma. 01007

Dear Chairman, Commission Members, Staff AND  
CONCERNED Americans,

The President has brought Democracy and Freedom to Iraq BUT MANY, MANY GOOD, DECENT AND MORAL citizens (AND CHILDREN) ARE BEING DENIED THEIR RIGHTS AND FREEDOMS, RIGHT HERE IN THE U.S.A..

At Westover Air Reserve Base in Chicopee, Mass., they are using a HUGE NUMBER OF CITIZENS AND CHILDREN IN STILL NEEDLESSLY SECRET Bio, Behavior and for other MILITARY PURPOSES MICROWAVE EXPERIMENTS. This testing began around the late 50s when Westover was a S.A.C Base and have been ALLOWED TO CONTINUE ALL THESE YEARS. This testing is LONG-TERM AND MULTI-GENERATION RESEARCH AND IS USING THE 4TH GENERATION OF CHILDREN AND CAUSING THEM GREAT HARM.

This "testing" is causing so many crimes and horrors, it is impossible for them to all be put in this letter. They have caused GREAT SUFFERINGS (SOME STRONG ENOUGH TO BE CALLED TORTURE), This LONG-TERM TESTING HAS CAUSED MANY SERIOUS ILLNESSES AND DEATHS. Degraded, dehumanizes, destroyed for the FUN OF IT, MONITOR DECENT CITIZENS ALL THE TIME AND ARE DEPRIVING THEM OF ALL THEIR RIGHTS, LIVES, HEALTH AND FREEDOMS. Are dosing JUST and tax-PAYING CITIZENS WITH VERY HARMFUL MICROWAVES RADIATION, SOME SINCE THE LATE 50s AND ARE ON THE 4th generation now. Are SERIOUSLY AND KNOWINGLY HARMING BABIES AND CHILDREN AND WERE HURTING THEM EVEN BEFORE THEY WERE BORN! This testing has and is INTENTIONALLY AND SENSELESSLY MURDERING SO MANY BEAUTIFUL PEOPLE WITH TECHNOLOGY (MOST OF WHICH, IF NOT ALL) IS AROUND 50 YRS. OLD!!

We began protesting these grave abuses in the EARLY 70s! We wrote to everyone, including local and National News. In 1976, National News reported on the EXACT TYPE OF TESTING WE HAD BEEN TELLING ABOUT (REPORTS INCLOSED). The military LIED AND DENIED ALL although this tech. was some what OLD IN the 70s. In the mid 70s, Congress uncovered crimes by some INTELLIGENCE AGENCIES BUT NOT MUCH ATTENTION WAS PAID TO ELECTRONICS (SUCH AS MICROWAVES) ALTHOUGH THE News and Scientific Reports had been stating the military's interest in the bio effects of microwaves and other such technologies. OUR MASS. Senators and Reps. have refused to do anything about these abuses and have always been more concerned WITH THE ECONOMICS OF WESTOVER, THAN WITH THEIR ATROCITIES!!!!!!!!!!!!

There has been more outrage over Abu Ghraib (ABUSES ON POSSIBLE TERRORISTS) THAN THESE CRIMES ON GOOD U.S. CITIZENS AND CHILDREN!!!!!! WHY?? AMERICA NEEDS SECRETS BUT NOT THESE KINDS OF CRIMES! THIS TECH. IS ANCIENT AND NO OLD TECHNICAL INFO. HAS TO BE GIVEN OUT..

Sincerely,  
*Ruth*

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1976 - 7 - 1 - U. News

# Soviet Study Shows Microwaves Effects

By BARTON REPPERT : diplomatic personnel it could be used, equally as well as as an interrogation tool. No mention was made in the study made by the Army Intelligence and Liaison Division of the current microwave bombardment of the U.S. Embassy in Moscow which the State Department has claimed to be unsubstantiated. State Department officials claim the microwaves are beamed at the embassy in an attempt to disrupt electronic observation equipment in the building. The Soviets deny beaming any radiation at the embassy.

The U.S. analysis of the Soviet Union's microwave program was released to The Associated Press by the Defense Intelligence Agency in response to a request under the Freedom of Information Act. The Pentagon said parts were withheld for national security reasons.

The report concluded Soviet studies have "great potential for development into a system for disruption of electronic equipment or disruption of the behavior patterns of military or

**Microwaves**  
Electromagnetic radiation can be transmitted through signals, relay telephone calls and transmitted quickly. But overexposure can cause headaches, dizziness, fatigue, irritability, insomnia, agitation, depression, anxiety, forgetfulness and mental disorders.

*Paul*

Westover HAD THIS TECH. BEFORE THIS REPORT CAME OUT! THEY COULD CAUSE HEART ATTACKS AND KILL HUMANS IN OTHER WAYS! THESE HORRORS CONTINUE ALTHOUGH THE COLD WAR IS OVER AND THIS TECH. IS ANCIENT! WHY?

THIS REPORT CAME OUT AFTER WE BEGAN PROTESTING THESE CIRME!!! AND THEY CONTINUE!!!

Looking at the report over 25 years later, given the 1990s unveiling of the nonlethal emr weapons, it can now be verified that the U.S. did have a very classified emr program going back decades. The U.S. knew about the Russian emr weapons program and also developed an emr arsenal. The nonlethal weapons revealed in the 1990s were capable of causing symptoms which microwaves can induce as stated in the 1976 report.

The importance of this declassified 1976 DIA document is that it is a US government document discussing Soviet athermal emr research for weapons development. The DIA report was based on Soviet research. It becomes clear that both the Soviets and the U.S. were developing weapons based on the athermal effects of emr. For further details on this DIA report, refer to the Paul Brodeur book, "Zapping of America". Brodeur pointed out that the DIA report failed to mention scientist Allan Frey's work on microwave beginning in the 1960s in the U.S.

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This 1976 DIA report is also important for documenting that the U.S. State Department is on the record for lying to embassy employees about the finding of "no adverse health effects attributable to microwaves". The U.S. government has lied about scientific facts and risked the health of the Embassy employees and utilized the National Security Act to do so. The rights of U.S citizens are usurped by the National Security Act. The laws in this regard need to be changed so that the U.S. government is held accountable for illegal government experiments.

[ Citation in PubMed ] [ Related Articles ]

# Headaches from Cellular Telephones: Are They Real and What Are the Implications?

Allan H. Frey

*Daniela Foxman*

Randomline, Inc., Potomac, MD 20854 USA

## Abstract

There have been numerous recent reports of headaches occurring in association with the use of hand-held cellular telephones. Are these reported headaches real? Are they due to emissions from telephones? There is reason to believe that the answer is "yes" to both questions. There are several lines of evidence to support this conclusion. First, headaches as a consequence of exposure to low intensity microwaves were reported in the literature 30 years ago. These were observed during the course of microwave hearing research before there were cellular telephones. Second, the blood-brain barrier appears to be involved in headaches, and low intensity microwave energy exposure affects the barrier. Third, the dopamine-opiate systems of the brain appear to be involved in headaches, and low intensity electromagnetic energy exposure affects those systems. In all three lines of research, the microwave energy used was approximately the same—in frequencies, modulations, and incident energies—as those emitted by present day cellular telephones. Could the current reports of headaches be the canary in the coal mine, warning of biologically significant effects? **Key words :** brain, cellular telephones, electromagnetic fields, eye, hazards, headaches. *Environ Health Perspect* 106:101-103 (1998). [Online 23 January 1998]

<http://ehpnet1.niehs.nih.gov/docs/1998/106p101-103frey/abstract.html>

*Frey was a "Pandora" Researcher For U.S. Intelligence in the 60s*

In the 1960s Frey also reported that he could speed up, slow down, or stop isolated frog hearts by synchronizing the pulse rate of a microwave beam with the beat of the heart itself. Similar results have been obtained using live frogs, indicating that it's technically feasible to produce heart attacks with a ray designed to penetrate the human chest (IN THE 60s, DR. FREY AND OTHERS WERE GIVING HEART ATTACKS TO FROGS! BY THE 70s, WESTOVER WAS GIVING HEART ATTACKS TO HUMANS!! (GOOD, DECENT AND BEAUTIFUL CITIZENS!!!))

Scientist Allen Frey of Randomline, Inc. was always more interested in low intensity microwave hazards: thermal effects were known. During Project Pandora, the Navy funded such projects of his, as how to use low average power intensities, to: induce heart seizures; create leaks in the blood brain barrier.

*"Secret & Surprised" 93*

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HEART ATTACKS AND LEAKS IN THE BLOOD BRAIN BARRIER CAN KILL!!  
WESTOVER MURDER THIS WAY! IT HAD BEEN DONE BUT THEY WANTED TO TRY IT OUT ALSO!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

THE ELECTROMAGNETIC SPECTRUM IN LOW-INTENSITY CONFLICT

By Capt Paul E. Tyler, MC, USN

LtCol David J. Dean, USAF, Editor

With a Foreword by CONGRESSMAN NEWT GINGRICH

Air University Press, Center for Aerospace Doctrine, Research,  
and Education, Maxwell Air Force Base, Alabama, June 1986.

Library of Congress Cataloguing in Publication Data

Low-intensity conflict and modern technology.

Papers presented at a workshop conducted by Air University  
Center for Aerospace Doctrine, Research, and Education (CADRE),  
March 1984.

POTENTIAL MILITARY APPLICATIONS OF EMR

The exploitation of this technology for military uses is still  
in its infancy and only recently has been recognized by the  
United States as a feasible option. A 1982 Air Force review of  
biotechnology had this to say:

Currently available data allow the projection that specially  
generated radio frequency radiation (RFR) fields may pose  
powerful and revolutionary antipersonnel military threats.  
Electroshock therapy indicates the ability of induced electric  
current to completely interrupt mental functioning for short  
periods of time, to obtain cognition for longer periods and to  
restructure emotional response over prolonged intervals.

Experience with electroshock therapy, RFR experiments and the  
increasing understanding of the brain as an electrically  
mediated organ suggested the serious probability that impressed  
electromagnetic fields can be disruptive to purposeful behavior  
and may be capable of directing and or interrogating such  
behavior.

Further, the passage of approximately 100 milliamperes through  
the myocardium can lead to cardiac standstill and death, again  
pointing to a speed-of-light weapons effect.

A rapidly scanning RFR system could provide an effective stun  
or kill capability over a large area. System effectiveness will  
be a function of wave form, field intensity, pulse widths,  
repetition frequency, and carrier frequency. The system can be  
developed using tissue and whole animal experimental studies,  
coupled with mechanisms and waveform effects research.

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Carol Swann (Chelicer)  
col Westover

the central nervous system. He cites theoretical evidence that suggest that neural networks are capable of shifting into chaotic behavior. Guerara and others have recently reported the onset of chaotic behavior in chicken heart cells when stimulated by electrical signals at specific frequencies and amplitudes. It has also been shown that normal breathing takes place at certain frequencies and amplitudes, but not at others. Animals forced to breathe at certain unnatural frequencies develop severe respiratory distress.

Current research in chaotic behavior has shown that the alteration of only one parameter to a critical phase can induce chaotic behavior with drastic outcomes. It is not too difficult to envision that electromagnetic systems could interact with the electrical signal in cardiac muscle. If the proper parameters were utilized, several possible results could be produced. These include auricular and ventricular fibrillation, or complete asystole with a resultant fatal outcome.

individual. Some current research provides a few clues that altering brain waves can have a major impact on a person's cognitive and overt behavior. In this regard, some people have even speculated that electromagnetism has already been used for this purpose. (17)

These are but a few of the many biological effects and uses that have been reported over the past decade. There are not exhaustive and do not include many of the effects reported in the Soviet and East European literature.

As with most human endeavors, these applications of electromagnetic radiation have the potential for being a double-edged sword. They can produce significant benefits, yet at the same time can be exploited and used in a controlled manner for military and covert operations. This paper focuses on the potential uses of electromagnetic radiation in future low-intensity conflicts.

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<sup>UNITED NATIONS</sup>  
The Certain Conventional Weapons Convention (also known as the Inhumane Weapons Convention).<sup>2</sup> 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. In addition, the use of high-power microwaves to melt down electronic systems would incidentally cook every person in the vicinity.

Regardless of the level of injury inflicted, the use of many non-lethal weapons is likely to violate international humanitarian law on the basis of superfluous suffering and/or indiscriminate effects.<sup>3</sup> In addition, under the Certain Conventional Weapons Convention, international discussions are now under way that may lead to the development of specific new protocols covering electromagnetic weapons; a report is expected sometime next year. 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.

<sup>↑</sup> Barbara Hatch Rosenberg <barbara@promedmail.org> is chair of the Federation of American Scientists Working Group on Biological Weapons and research professor of Natural Science, State University of New York at Purchase.

BULLETIN OF ATOMIC SCIENTISTS

1994

FOREWORD BY **TOM CLANCY**  
**FUTURE**  
NON-LETHAL WEAPONS  
IN MODERN WARFARE  
**WAR**  
JOHN ALEXANDER, PH.D.



Hal Puthoff and Col. John

One man's name has become synonymous with the field of non-lethal weapons development. Col. John Alexander first became known to the public through his December 1980 Military Review article titled, "The New Mental Battlefield." This article clearly describes the lethal nature of many of the so-called "non-lethal" weapons now being developed  
Alexander noted:

The first step in fathoming the non-lethal weapons program is to get past the name. When even proponents concede that non-lethal weapons are not necessarily non-lethal, why are they still called that? Because the term is politically attractive.

1716

1976 ALLIANCE MENTIONS MICROWAVE

Associated Press: "Mind-Altering Microwaves: Lets Studying Invisible Ray" LOS ANGELES HERALD MINER, Sec. A. Pg. 7, 22 November 1976.

newly declassified US Defense Intelligence Agency report says extensive Soviet research into microwaves might lead to methods of causing disoriented human vigor, nerve disorders, or even heart attacks.

Soviet scientists are fully aware of the biological effects of low-level microwave radiation which might have offensive weapons application," says the report, based on an analysis of experiments conducted in the Soviet Union and Eastern Europe.

According to the study, this research work suggests a potential for the development of a number of antipersonnel applications."

Microwave beams are the electronic basis of radar and are widely used for relaying long-distance telephone calls. Other common sources of microwaves include television transmitters.

A copy of the study was provided by the agency to The Associated Press in response to a request under the Freedom of Information Act. The Pentagon agency refused to release some portions of the study, saying they remain classified on national security grounds.

The report made no direct mention of the Soviet microwave bombardment of the US Embassy in Moscow, but despite strong American protests, the radiation continued at reduced levels.

Up to now, the view most widely accepted among State Department officials in Washington has been that the Soviets appear to be using the microwave beams to foil sophisticated US electronic intelligence-gathering equipment at the embassy.

The State Department issued an administrative notice Nov. 12 declaring Moscow "an unhealthy post", but the link was officially drawn between this move and the radiation situation. Department spokesmen insist that (CIA) tests have found no adverse health effects attributable to the microwaves.

The Soviets have denied beaming any radiation at the embassy, contending that the microwaves are simply part of the normal background radiation found in any major

1996  
1976

Some of Kistner's tests are ground (almost) 50 years old!  
What are they hiding?  
Circumstances!

Kids!

city.  
The Pentagon agency's report, distributed within the government last March, said that one biological effect which could offer antipersonnel uses is the phenomenon known as "microwave hearing".

The report concluded that Soviet research in this area has great potential for development into a system for disorienting or disrupting the behavior patterns of military or diplomatic personnel. It could be used equally as well as an interrogation tool."

The report said that along with microwave hearing, the Soviets have also studied various changes in body chemistry and functioning of the brain resulting from exposure to microwaves and other frequencies of electromagnetic radiation.

"One physiological effect which has been demonstrated is heart seizure," the report said.

It said that this has been accomplished experimentally in frogs by synchronizing the pulses of a microwave signal with the animal's heartbeat and the beaming the radiation at the chest area.

The document added that "a frequency probably could be found which would provide sufficient penetration of the chest wall of humans to accomplish the same effect" -- heart attacks

The report said that another potential antipersonnel use of microwaves could be based on their effect on the blood brain barrier, which regulates the exchange of

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HAARP is not the only system available for taking advantage of these new technologies. The military has developed smaller weapon systems for use in battlefield applications. These new weapons were disclosed in documents authored and compiled by the United States Air Force. The Air Force documents indicate that these weapons can be used for control, inducing heart attacks, causing electronic failures and creating computer malfunctions. More recently these new weapons have been revealed in International Red Cross documents and in other press reports. In a CBS - 60 Minutes broadcast on February 11, 1996 a report on some of these new systems was shown. The program discussed some of the effects of these new weapons which included disorientation and "flu-like symptoms".

Intelligence documents show that Western governments have know about Soviet experiments using mobile phone-type radiation to cause brain damage for more than 20 years. The uncensored documents reveal that Soviet military scientists had successfully used microwaves of the type used by mobile phones to weaken the blood brain barrier. According to Dr. Louis Slesin...US Army scientists had succeeded in duplicating the Soviet experiments by 1977 -

MICROWAVE NEWS

"Professor Ross Adey, a biologist, had his funding withdrawn by Motorola before completing research which showed that mobiles affected the number of brain tumors in animals. Dr. Henry Lai, who has been studying the biological effects of electromagnetic fields for 20 years, was asked three times to change findings on how they caused DNA breaks in rats."27 Both of these scientists have been involved in academic, military and other research projects throughout their lives. In fact many of their observations on the health effects of EMFs have been used in increasing the military's understanding of these potential weapons applications as reported in our earlier work.28

The Sunday Mirror newspaper said the 20-year study of servicemen had established 'the strongest link yet', showing a high cancer death rate among soldiers exposed to microwave radiation, 'the same as that emitted by the phones.'39

Reprinted from

Series 1 Volume 1.

DR. NICK BEGICH

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Nick Begich is the eldest son of the late United States Congressman from Alaska, Nick Begich Sr., and political activist Pegge Begich. He is well known in Alaska for his own political activities. He was twice elected President of both the Alaska Federation of Teachers and the Anchorage Council of Education. He has been pursuing independent research in the sciences and politics for most of his adult life. Begich received his doctorate in traditional medicine from The Open International University for Complementary Medicines in November, 1994. He is the Chairman of Earthpulse Press Incorporated, a research, publishing and consulting organization.

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Tennenbaum, Jonathan (1983, Feb). Some ABCs of Electromagnetic Anti-Personnel Weapons. Executive Intelligence Review. Executive Intelligence Review Special Report. 317 Pennsylvania Ave. S.E., 2nd Floor. Washington, DC 20003 (202) 544-7010. Pg. 9.

Dr. Jonathan Tennenbaum is on the Board of Directors of Fusions-Energie-Forum in the Federal Republic of Germany, and an editor of its magazine, Fusion.

Often referred to by the misleading name, "radio-frequency weapons," The most sophisticated new type of anti-personnel weapons now being perfected by the USSR for use by its Spetsnaz and regular forces, uses pulses of electromagnetic energy to disorient, paralyze, and kill human targets. Such electromagnetic pulse (EP) weapons can take a variety of forms, including the following: ...

The closest analogy to a sophisticated EP anti-personnel weapon is provided by powerful chemical weapons, such as nerve gases having rapid, fatal effects at extremely low concentration. In the latter case, the effect is mediated by molecules which enter nerve synapses and other critical areas and disrupt normal functions without massive destruction of tissue. The poison acts on the higher levels of organization of living process. Furthermore, it should be understood that molecules themselves are nothing but electromagnetic configurations. That is, the molecules (e.g., of the nerve gas) act via electromagnetic fields, by exchange of electromagnetic energy with other molecules. Hence, it should hardly be surprising to discover that the same effects can be induced by electromagnetic radiation alone—without the presence of the molecules! In principle it suffices to identify the precise geometrical characteristics of the electromagnetic action associated with the given substance, and then just "mimic" the molecular action by a carefully "tailored" signal. Once this principle is understood, biophysical research can define the most appropriate pulse forms for weapon applications, independently of any specific chemical "model." That this is by no means a mere theoretical possibility is proven by a wide variety of experiments on the biological effects of "tailored" electromagnetic radiation, carried out in the West and East over the last 40 years. For obvious reasons, experiments involving lethal effects are mostly classified. To illustrate some of the relevant research areas, we present a couple of examples of well-documented non-lethal effects.

Lethal effects have been obtained at power levels not very much higher than in behavior modification experiments. Again, it is not so much the net power as the exact form of the applied series of pulses, which makes the difference. One laboratory device, used in brain research, kills experimental animals with a single microwave pulse of 1/6 second duration.

The effects of EMEs on the cardiovascular system include bradycardia, decreased physiological reserve capacity, and alterations in blood pressure. Heart action may be particularly sensitive to EME: a decrease in heart-rate was seen after 15 minutes exposure to 60 v/m, 60 Hz (z). The changes in the low-frequency studies were strikingly similar to those reported in humans who were occupationally exposed to power-frequency fields (see chapter 10).

<http://www.ortho.lsumc.edu/Faculty/Marino/EL/EL7/Summary7.html>

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On April 29, 1983, Associate Editor Dr. Stefan Possony, addressing the Defense 83 meeting sponsored by Defense & Foreign Affairs, reported on Dr. Adey's work and on the work by Dr. A.S. Davydov of the Ukrainian Academy of Sciences. Davydov discovered how the blood-brain barrier can be penetrated by low-frequency beams and directly affect cells in the brain. Possony's remarks were delivered to a panel on "Psychological Warfare." [Part of that paper is printed below—Ed.]

During the conference on Nonlinear Electrodynamics in Biological Systems E. Del Giudice from the Department of Physics at the university in Milano, Italy, spoke about the possibility to create blood clots by coherent propagation of

*oscillation*  
electric waves in the supporting medium when the fibrinogen is present in the blood (recall the interactions of electromagnetism and chemicals)

13  
In the already mentioned experiment by McAfee (13) the microwaves pulsed at 300, 600 and 1000 Hz produced uneasiness to breath (leading even to suffocation) in rats. Capt. Tyler in his contribution to the book "Low Intensity Conflict and Modern Technology" writes: "It has also been shown that normal breathing takes place at certain frequencies and amplitudes and not at others. Animals forced to breath at certain unnatural frequencies develop severe respiratory distress." In the context of his paper those are rather the effects on people that are in question.

*Some in Perugia!*  
14  
The publication of the World Health Organization on the effects of electromagnetic radiation on living organisms from 1981 gives many examples of the effects of this radiation on the excretion of glands, chemical composition of blood, eyes (for example corneal cataract), molecules of DNA and genetics, the development of organisms and behavior of animals (16). Robert Becker, in the book Cross Currents (17) refers to the work of A. Liboff who proved that it is possible, by means of electromagnetic radiation, to stop the process of the division of the cell in the moment when the cell is dividing.

Similarly dangerous is the finding of Allan Frey that RFR can weaken the blood-brain barrier which prevents poisonous chemicals from the access into the brain (20).

The specialized effect of electromagnetic radiation on individual brain system was proved by experiments repeated by many scientists. The irradiation of dogs, cats, rabbits, rats and frogs by electromagnetic fields of 2 - 5 milliwatts per square centimeter density produced desynchronization in basal rhythm in the brain (12).

*Ref*  
13) James C. Lin: Microwave Auditory Effects and Applications, Charles C. Thomas publisher, Springfield, Illinois, USA, ISBN 0-398-03704-3

14) H. Merrit, R.H. Hartzell, J.W. Frazer, 1976, The Effects of 1.6 GHz Radiation on Neurtransmitters in Discrete Areas of the Rat Brain, in: C.C. Johnson and M.L. Shore ed. Biological Effects of Electromagnetic Wavez. Symposium proceedings, LBoulder, October 1975 - quoted from ref. 15

15) Emerging Electromagnetic Medicine, 1990, conference proceedings

16) Critere d'hygiene de l'environnement 16, Requence radio,lectric et hyperfr.quences, Worl Health Organization, Geneve, Switzerland, 1981

17) Robert Becker: Cross Currents. The Startling LEffects of Electromagnetic Radiation on Your Health, 1991, Bloomsberry Publishing, London, Great Brittain, ISBN 0-7475-0761-9

19) Low Intensity Conflict and Modern Technology, ed. Lt.Col. J. Dean. USAF, Air University Press, Center for Aerospace Doctrine, Research and Education, Maxwell Air Force Base, Alabama, june 1986

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IN THE 50s, THE SOVIETS IRRADIATED THE AM. EMBASY. U.S. SAW BIO AND BEHAVIOR EFFECTS, THEY WENT OF OF CONTROL TRYING TO FIND OUT ABOUT IT!

"Opening Pandora's Box". 1984 produced by David Jones for Fulcrum Central Productions, aired on BBC Channel 4. This is a summary of main points of an exceptionally insightful and succinct documentary, not a verbatim account.

The Soviets started bombarding the American Embassy in Moscow in 1953 and the U.S. government funded Project Pandora to find out why. Project Pandora was "a top secret multimillion dollar program". Top scientific experts were consulted by the American Government "about the meaning of microwaving" of the Moscow Embassy. "Five presidents kept it secret". President Johnson complained to the Soviet Premier Kosygin who claimed that he was unaware of the signal and would be sure that it was turned off. Officially the Soviets did not admit that they were microwaving the Embassy. But the bombardment of the Moscow Embassy continued. It began in 1953 and in 1975 the signals changed. Two new transmitters were added by the Soviets.

Dr. Robert Becker was an eminent scientist and was asked if central nervous system, CNS disturbances occur by microwave radiation. The Pandora Project found that the microwave radiation interferes with decision making capacity, causes chronic stress and low efficiency. The white blood count of Embassy workers was 40% higher than normal. Monkeys exposed to microwave radiation showed a marked decreased performance of simple tasks. Making embassy personnel function less efficiently would obviously be a benefit to the Soviets.

Dr. Becker stated that the U.S. couldn't say anything about it because safety standards for the U.S. were higher than the microwave signals used by the Soviets on the Moscow Embassy. He stated that you do affect cns (central nervous system) by microwave exposure. But if the U.S. admitted bioeffects or athermal effects, meaning not heating effects as from a microwave oven, but other biological effects from the radiation, such as a high white blood count, it would throw into doubt the U.S. standard set "rather arbitrarily" in the 1950s. It would be an embarrassment to the Americans who chose to keep the public in the dark about the microwaving of the Moscow Embassy from 1953 to 1975.

The Soviet standard was 1000 times lower than the U.S position and their armed forces were exempt from the Soviet standard. The Soviets were aware of biological effects of emr in the 1950s.

DR. BECKER WAS TWICE NOMINATED FOR A NOBEL PRIZE IN MED...!  
and did research in this area for the U.S. GOV...!

Nonthermal emr effects controversy is born. U.S denies effects, Soviets disagree

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Dr. Becker commented that the U.S. safety standard presented a dilemma for U.S. military planners. Dr. Becker explained that the problem was that the U.S. population was currently being exposed to the same athermal effects level of emr that the U.S military was using to develop classified emr weapons. This athermal level of radiation is not biologically active, according to the U.S. safety standard. But the dilemma was, how could the U.S. government develop an emr weapon system based on the athermal effects of emr when currently allowing exposure of their own people to the same athermal effects level of emr in their environment from TV and radio towers and microwave ovens, for example? It was a conundrum.

ONE TESTING ON UNKNOWING SUBJECTS OF EMR (ELECTROMAGNETIC RADIATION =  
-MICROWAVES) TOOK PLACE IN SECRET AT WESTOVER AND IT CONTINUES TODAY!

be greater than its physical capture surface area by an order of magnitude (Anne, Saito, Solati, & Schwan, 1961).

*Brief Scientific and Political History of Radio-Frequency Studies*

The history of behavioral and biological experimentation on radio-frequency energy is a spotty chronicle that began in the 18th century when Luigi Galvani observed that the isolated leg of a frog would twitch upon brief activation of a remote spark-gap transmitter (see Presman, 1970, p. 3). Much later, a few years before the turn of the 19th century, Jacques d'Arsonval (1893) radiated intact mammals with radio-frequency energy and recorded both physiological and gross behavioral reactions. d'Arsonval's observation of elevated temperatures in his radiated animals marked the beginning of *diathermy*, the medical term for heating of tissues by radio-frequency energy. Nearly half a century passed before the first semblance of concerted investigative activity began - this for the greater part in the Soviet Union, where a number of investigators, many of Pavlovian persuasion, began to probe for behavioral and biological effects of exposure to radio-frequency fields. The researches by Soviet and other Eastern European investigators through 1966 have been well summarized and synthesized by Presman (1970), the distinguished Soviet biophysicist.

The interpretive thrust of the eastern Europeans' studies of animals and of case histories of human beings employed near industrial or military sources of radio-frequency energy is that chronic exposure to microwave radiations results in a *neurasthenic syndrome*. Headache, fatigue, weakness, dizziness, moodiness, and nocturnal insomnia are typically reported symptoms (cf. Marha, 1970; Tolgskava & Gordon, 1973).

Concerted biological investigations of radio-frequency energy first got underway in the United States during the middle 1950s, largely through the aegis of the Department of

1961) had been at variance with the Soviet's interpretation - American rats and dogs apparently did not develop the neurasthenic syndrome, even after intense radiation by microwaves in the laboratory. Many American servicemen and technicians who worked in proximity to radar and other radio-frequency devices were examined by physicians, but to my knowledge reliable evidence of the syndrome was never reported in the United States. Indeed, the clear implication of the majority of the experimental and case data reported by U.S. investigators has been negative for all but simple heating effects. What triggered a renewed out-pouring of support for research on microwaves, once again spearheaded by the Department of Defense, was described by Jack Anderson (1972) in his syndicated column in the *Washington Post*. Reading like the scenario of a novel by Ian Fleming, the column related how the U.S. Embassy in Moscow had been bugged clandestinely for several years by the Soviets, who had presented Ambassador Averell Harriman in 1945 with a handsomely carved Great Seal of the United States. An electronic bug was in the seal, and the seal was in a room where privy conversations among U.S. officials were supposed to take place. These conversations were actually overheard by the Soviets over the next seven years; however, a check by U.S. security experts in 1952 revealed the bug and subsequently brought forth additional experts who made periodic inspections for presence of other electronic eavesdropping devices. During one such sweep in Moscow in the early 1960s, it was discovered that the Soviets were directing beams of microwave energy at the U.S. Embassy.

American intelligence agents were understandably curious, but they did not want their Soviet counterparts to know that the microwave bombardment had been detected. Enter the Advanced Research Projects Agency (ARPA), an arm of the Executive Office that specializes in getting fast answers to far-out questions that may bear on national security.

**Microwaves  
and Behavior**

DON R. JUSTESEN

Laboratories of  
Experimental Neuropsychology,  
Veterans Administration Hospital,  
Kansas City, Missouri

RECEIVED  
5/23/75

1950s





Defense. This joint effort by scientists, who were supported by all three military services, faltered and died in the early 1960s for want of sustained funding (cf. Susskind, 1970). The impetus for a renaissance of research activity in the United States occurred in the late 1960s because of political events in the Soviet Union. The interpretation of biological data from the so-called Tri-Service studies (see, e.g., Peyton,

Agents for ARPA contacted Joseph C. Sharp, former director of research in experimental psychology at the Walter Reed Army Institute of Research, and an electronic engineer Mark Grove, who began to put together at Walter Reed what is now one of the best equipped laboratories in the United States for studying, biopsychological effects of microwave radiations. Additional behavioral, engineering, and medical scientists throughout the United States were also brought into the investigation

WESTOVER'S TESTING DID NOT FALTER BUT CONTINUES TODAY!!!!

*Handwritten notes:*  
...the biological effects.  
...the Air Force was assigned the responsibility of...  
...with this, the "Tri-Service Program" was born. Till

\* \* \* From N.Y. Un. Journal on bio effects of microwaves states that the U.S. Air Force has been involved in the bio effects of microwaves since 1956 (SORRY, THESE PAGES ARE GETTING SO OLD THEY ARE HARD TO SEE!)

RECEIVED LATE 70s, early 80s! FOOD AND DRUG AND, OR NAT. INSTI-

Behavioral studies constitute an important part of current efforts sponsored by a number of agencies. (includes) among these are DOD and DOE. In ongoing work, DOD DEPT. OF DEFENSE, GOV. PUB. ON MICROWAVE RESEARCH ch include

Research into the effects of radio frequency radiation (RFR) has been conducted for decades - ever since the development and deployment of radar by the military. Even early radar operators showed suspicious health effects from their occupational exposure. Much of the research conducted by the military has not been made known to the public.

<http://www.cmrnetwork.org/research/research.htm>

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5/25/05

*Handwritten scribble:*  
NOT



Department of Energy  
Washington, DC 20585

April 5, 1994

\*\*\*\*IT TOOK ALMOST 20 yrs.  
( AFTER WE BEGAN TO PROTEST )  
BEFORE THE MILITARY ADMITTED THERE  
WERE EVER ANY MICROWAVE TESTS AT WESTOVER!  
THEY HAVE OMITTED THE FACTS THAT THIS TESTING  
BEGAN IN THE 50s, CONTINUES TODAY, AND USING  
UNKNOWNING HUMAN SUBJECTS (INCLUDING CHILDREN  
AND VETS.) AND COMMITTING ATROCITIES  
ON THEM!!!!!!!

The Honorable John W. Olver  
U.S. House of Representatives  
Washington DC 20515

Dear Congressman Olver:

Thank you for your letter to Secretary O'Leary, on behalf of your  
constituent Ms. Ruth regarding possible electromagnetic  
radiation testing at Westover Air Reserve Base in Chicopee,  
Massachusetts.

50s

1950s

Based on our inquiries, there have been no studies involving the  
exposure of humans to microwave radiation at Westover Air Reserve  
Base or its predecessor installation. ~~Some of the early~~  
~~laboratory research on the effect of microwaves was conducted in~~  
~~the 1950s, under the sponsorship of the Department of Defense.~~  
This laboratory research resulted in the first standards for  
microwave operation. However, we are not aware of any research  
with microwaves performed on humans. Current research on  
microwave and radio frequency exposure is being performed at the  
Armstrong Laboratory at Brooks Air Force Base.

Equipment installed at Westover Air Reserve Base operates in the  
radio frequency and microwave range, similar to radar and  
communication equipment used at airport facilities. All such  
equipment is operated in accordance with the Institute of  
Electrical and Electronic Engineers (IEEE) standard, C95.1-1991.

The subject of human experimentation is of considerable concern to  
the Department. Thank you for your concern on this important  
issue.

Sincerely,

Robert L. San Martin  
Deputy Assistant Secretary  
for Utility Technologies  
Energy Efficiency and Renewable Energy

WE ARE NOT TALKING ABOUT  
MICROWAVE RADAR, COMMUNICA-  
TIONS, OR OTHER SUCH EQUIPMENT!

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5/25/05

ON HUMANS  
IS TESTING BEGAN IN THE  
50s AND CONTINUES TODAY!  
NUMBERS INCREASED OVER THE  
YEARS... UNBELIEVABLE-  
IS IT TRUE!  
THESE TESTS ARE MULTI-  
GENERATION EFFECTS AND  
WHAT WHY THEY HAVE LASTED SO  
LONG, IN SECRET!

THE MILITARY LIES AND LIES AND THAT IS THE END OF THAT!!!!!!

Important is also his experiment where the irradiation of chicken embryos by 10, 100 and 1000 Hz stopped their development including the development of hearts and veins. The experiment was replicated by the American Navy with the same results (21).

21) magazine OMNI, february 1985, Kathleen McAuliffe

Long-Term Low-Level Studies

e-NIH, for

*Letter Early 88* → NIH-FDA

A.  
23

Studies involving long-term low-level exposure of animals are needed to examine the possible consequences for humans of chronic exposure to nonionizing radiation. To test for possible cumulative damage to genetic or reproductive processes, several generations of animals must be studied. For statistical validity, large numbers of animals are required. This in turn requires an extensive commitment in space, facilities and personnel to house, maintain, expose and examine the animals, which exceeds the present capacity of any agency conducting research.

Because of the substantial commitment involved in these studies, extensive peer review and oversight should be undertaken and incorporated into the protocol before actual studies are undertaken. There must be a careful examination of the proposed protocol with agreement on the number and kind of animals to be studied, the experimental approach to be applied (e.g., animals exposed individually or in groups; serial sacrifice or longevity study; etc.), the duration of exposure, the biological end points to be pursued, criteria for drawing conclusions, etc. A properly designed study might cost \$5M, spread over 5 to 10 years. A logical two-step approach would be to 1) develop and secure broad scientific review of an experimental protocol and then to 2) undertake the indicated research. In this way, the bulk of the funds need not be committed until an acceptable study design has been formalized.

A small number of experiments with chronic exposure (e.g., three to six months) have been funded by DOE (60 Hz. E fields), EPA, DOD, and NIEHS. Projects such as these require additional support to provide data on the presence or absence of cumulative effects of chronic low-level or intermediate level exposures and, as a result, provide some basis for determining the necessity or adequacy of conducting multigeneration and multispecies studies at various frequencies. The number of experiments with exposure durations between one and three months or more have been increasing. Since 1976 EPA has been conducting intramural research with repeated exposures for periods of three months at frequencies of 2450 and 425 MHz. NIEHS has funded studies involving daily exposures (918 and 2450 MHz) for periods of three to four months. The Navy has also supported studies involving exposures up to several months duration. One Navy study evaluated effects of long term exposures to ELF electric and magnetic fields in primates continuously exposed for three and one half years. In an ongoing experiment primates exposed to ELF will be studied for a period of five years. In FY 79 the U.S. Air Force initiated a study in

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R 2/28/88

RFR Used in Base Communications (WHEN TESTING BEGAN - WESTOVER WAS A BIG BASE AND KNOWN FOR IT'S SECRET COMMUNICATIONS!!)

The US Air Force is one of the largest developers and users of radio frequency emitting devices in the world and, consequently, has been at the forefront of research on the biological effects of radio frequency radiation for more than 30 years.

<http://www.brooks.af.mil/AFRL/HED/hedr/hedr.html>

10/26/2002

# Study finds microwaves produce cancer in rats

The Associated Press

WASHINGTON — A major Air Force-funded study has found dramatic changes and a higher rate of cancer in laboratory rats chronically exposed to low-intensity microwaves.

According to the current issue of Microwave News, a specialized scientific newsletter, results of the \$5 million study conducted at the University of Washington have raised serious concern among researchers investigating the biological and health effects of non-ionizing radiation.

"In addition to a general increase in cancer incidence, the experimental results suggest that microwave exposure is responsible for widespread effects related to the adrenal glands and the entire

endocrine system," the publication reported.

The adrenal glands, adjacent to the kidneys, and other glands of the endocrine system produce chemical hormones vital to the regulation of many bodily functions.

The Microwave News account noted that the findings could provide an experimental basis for widely reported complaints of headaches, dizziness, memory loss and fatigue from workers chronically exposed to microwave radiation.

The Air Force study, headed by Professor Arthur W. Guy at the university's School of Medicine in Seattle, exposed rats for up to 25 months to pulsed microwaves at a level of 100 microwatts per square centimeter.

THE MILITARY DOES NOT CARE IF THIS SICK HARMING OF CHILDREN CONTINUES!

80's



2002

WHY IS THE MILITARY AND CONGRESS KILLING THESE BABIES???????

## Lt. Col Thomas E. Bearden (retd.)

PhD, MS (nuclear engineering), BS (mathematics - minor electronic engineering)

### Microwave Radiation of the U.S. Embassy in Moscow

Three U.S. Ambassadors eventually died of disease by their exposure to the Embassy radiation. Dr. Zaslavsky had openly released some of the results of Soviet military experiments showing that any kind of disease or disorder could be induced in targeted cells by EM radiation.



2000

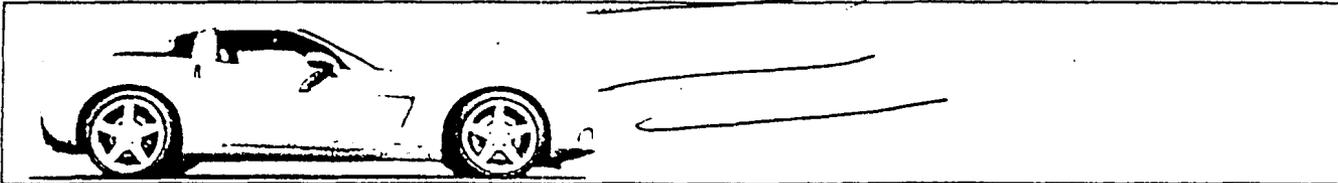
These babies are 2 (among OTHERS), OF THE 4th GENERATION BEING USED! MUST THEY AND OTHERS BE DESTROYED BODY, MIND AND SOUL, IF THEY LIVE?

R 5/25/05

A cover up begins: U.S. government knew of athermal emr effects at least in the 1960s. By basing the U.S. safety standard for emr exposure on politics rather than scientific evidence, the U.S. government knowingly risked the health of U.S. citizens (DR. BECKER IN 1980s INTERVIEW!)  
ABC.

POPULAR  
science

2004

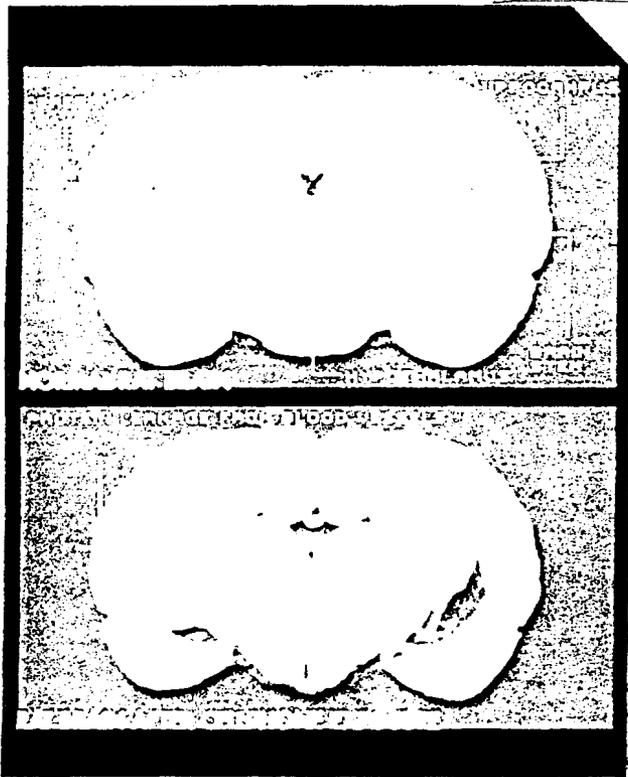


RESOURCE | SCIENCE | INTERNET | COMPUTERS & CONSUMER ELECTRONICS | AVIATION & SPACE | AUTO

THIS REPORT WAS KIND OF QUICKLY

HEADLINES

TAKEN OFF THIS SITE???



The safety of cellphones has been called into question, again. This time the scientific community is paying very close attention.

Comments Write to us

Try 2 Issue of Popular FREE!

Last summer neurosurgeon Leif Salford and colleagues at Lund University in Sweden published data showing for the first time an unambiguous link between microwave radiation emitted by GSM mobile phones (the most common type worldwide) and brain damage in rats. If Salford's results are confirmed by follow-up studies in the works at research facilities worldwide, including one run by the U.S. Air Force, the data could have serious implications for the one billion-plus people glued to their cellphones.

The findings have re-ignited a longstanding debate among scientists and cellphone manufacturers over cellphone safety.

Many of the hundreds of studies performed during the past decade suggest cellphone use may cause a host of adverse effects, including headaches and memory loss. Other studies, however, have shown no such effects, and no scientific consensus exists about the effect of long-term, low-level radiation on the brain and other organs. A comprehensive \$12 million federal investigation of cellphone safety is currently under way but will take at least five years to complete.

air force has been doing this since the 50s!

All is secret! why?

DO YOU WANT TO GIVE YOUR KIDS BRAINS?

damage done not show up in this copied page but it is there!

Meanwhile, the research world is scrambling to replicate Salford's surprising results. His team exposed 32 rats to 2 hours of microwave radiation from GSM cellphones. Researchers attached the phones to the sides of the rats' small cages using coaxial cables -- allowing for intermittent direct exposure -- and varied the intensity of radiation in each treatment group to reflect the range of exposures a human cellphone user might experience over the same time period. Fifty days after the 7-hour exposure, the rat brains showed significant blood vessel leakage, as well as areas of shrunken, damaged neurons. The higher the radiation exposure level, the more damage was apparent. The controls, by contrast, showed little to no damage. If human brains are similarly affected, Salford says, the damage could produce measurable, long-term mental deficits.

KIDS

RE 15/25/05

BIO EFFECTS ARE CONTROVERSIAL (MOSTLY COVERED UP) BUT WOULD YOU WANT YOUR CHILDREN OR GRAND CHILDREN USED TO FIND OUT??????????



## Reported Biological Effects From Radiofrequency Non-Ionizing Radiation

The following studies indicate biological effects at exposure levels far below what would be explained by "thermal effects", and well within the range people are commonly exposed to every day.

NOTE: Most of these exposures lie FAR BELOW the current advisory exposure standards in the US, which are based on thermal effects only.

- Studies by Increasing Power Density
- Studies by Increasing Specific Absorption Rate
- Standards and Background Levels
- Listing of Full Citations

*Same radiation that Westover is using is used in cell phones and other devices!*  
*Leads*

### Studies by Increasing Power Density

Power Density	Reported Biological Effects	References
0.1 $\mu\text{W}/\text{cm}^2$ (0.001 W/Kg SAR)	EEG brain waves are altered when exposed to cell phone signal	Von Klitzing, 1995
0.16 $\mu\text{W}/\text{cm}^2$	Motor function, memory and attention of school children affected (Latvia)	Kolodynski, 1996
0.168 - 1.053 $\mu\text{W}/\text{cm}^2$	Irreversible infertility in mice after 5 generations of exposure to cell phone signals from antenna park	Magras & Xenos, 1997
0.2 - 8 $\mu\text{W}/\text{cm}^2$	Two-fold increase in childhood leukemia from AM-FM exposure	Hocking, 1996
1.3 - 5.7 $\mu\text{W}/\text{cm}^2$	Two-fold increase in leukemia in adults from AM RF exposure	Dolk, 1997
2.4 $\mu\text{W}/\text{cm}^2$	Interference with medical devices at least up to 1000 MHz	Joyner, 1996
2 - 4 $\mu\text{W}/\text{cm}^2$	Direct effect of RFR on ion channels in cells/opening of acetylcholine channels	D'Inzeo, 1988
4 - 10 $\mu\text{W}/\text{cm}^2$	Visual reaction time in children is slowed/lower memory function in tests	Chiang, 1989
5 - 10 $\mu\text{W}/\text{cm}^2$	Impaired nervous system activity	Dumanski, 1974
10 $\mu\text{W}/\text{cm}^2$	Significant differences in visual reaction time and reduced memory function	Chiang, 1989
10 - 25 $\mu\text{W}/\text{cm}^2$	Changes in the hippocampus of the brain	Belokrinitskiy, 1982
30 $\mu\text{W}/\text{cm}^2$ (0.015 W/Kg SAR)	Immune system effects - elevation of PFC count (antibody producing cells)	Veyret, 1991
50 $\mu\text{W}/\text{cm}^2$	An 18% reduction in REM sleep (important to memory and learning functions)	Mann, 1996

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SAR	Reported Biological Effects	References
0.000021 - .0021 W/Kg	Changes in cell cycle and cell proliferation (960 MHz GSM cell phone signal)	Kwee, 1997
0.0004 W/Kg	Pulsed cell phone RF caused changes in blood-brain barrier that protects brain from outside harmful chemicals and toxins (915 MHz GSM cell phone)	Salford, 1997
0.001 W/Kg	EEG brain waves are altered when exposed to cell phone signal at 0.1 $\mu\text{W}/\text{cm}^2$	Von Klitzing, 1995
0.0317 W/Kg	Decrease in eating and drinking	Ray & Behari, 1990
.005 to .05 W/Kg	Calcium efflux	Dutta et al, 1989
0.14 W/Kg	Elevation of immune response at 100 $\mu\text{W}/\text{cm}^2$	Elekes, 1996
0.13 - 1.4 W/Kg	Lymphoma cancer rate is 2.4 times normal with two 1/2 hour exposures per day of cell phone exposure (pulsed digital mobile phone signal 900 MHz)	Repacholi, 1997
0.26 W/Kg	Harmful effects to the eyes/ certain drugs can sensitize eyes to RFR	Kues, 1992
0.4 W/Kg	Statistically significant increase in malignant tumors at 480 $\mu\text{W}/\text{cm}^2$	Guy, 1984
0.58 - 0.75 W/Kg	Biological effect on the development of brain tumors at 18% of standard (836 MHz TDMA digital cell phone signal)	Adey, 1996
0.6 and 1.2 W/Kg	DNA single and double strand breaks from RF exposure (2450 MHz)	Lai, 1995
2.4 mW/Kg to 24 mW/Kg	Digital cell phone (836 TDMA) at very low intensities cause DNA effects in human cells. DNA effects are direct DNA damage and the rate at which DNA is repaired. Is equal to about 800 $\mu\text{W}/\text{cm}^2$ power density	Phillips, 1998
2-3 W/Kg	Cancer acceleration in skin and breast tumors at 50 - 75% of standard	Szmigielski, 1982

## Standards and Background Levels

SAR	Standards	
0.2 W/Kg	IEEE standard for whole body SAR for general public (1/6 of an hour)	IEEE
1.6 W/Kg	FCC (IEEE) SAR limit over 1 gram of tissue (cell phone to ear)	FCC, 1996
Power Density	Standards	
579 $\mu\text{W}/\text{cm}^2$	800-900 MHz Cell Phone Signal Standard	ANSI/IEEE
1000 $\mu\text{W}/\text{cm}^2$	PCS STANDARD for public exposure (as of September 1, 1997)	FCC, 1996
5000 $\mu\text{W}/\text{cm}^2$	PCS STANDARD for occupational exposure (as of September 11997)	FCC, 1996
Background Levels		
0.003 $\mu\text{W}/\text{cm}^2$	Ambient background RF exposure in cities and suburbs in the 1990's	Mantiply, 1997
1 - 10 $\mu\text{W}/\text{cm}^2$	Ambient RF exposure within 100-200 feet of cell/PCS antenna array (or roughly 0.2 to 0.5 mW/Kg SAR in the human body')	Sage, 1998, unpublished

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U.K. Sunday Mirror, Thursday 27th December 2001

Scientists have discovered that a call lasting just two minutes can alter the natural electrical activity of a child's brain for up to an hour afterwards.

### THE CHILD SCRAMBLER

What a mobile can do to a youngster's brain in 2 mins

THESE are the first images that show the shocking effect that using a mobile phone has on a child's brain.

Scientists have discovered that a call lasting just two minutes can alter the natural electrical activity of a child's brain for up to an hour afterwards.

And they also found for the first time how radio waves from mobile phones penetrate deep into the brain and not just around the ear.

The study by Spanish scientists has prompted leading medical experts to question whether it is safe for children to use mobile phones at all.

Doctors fear that disturbed brain activity in children could lead to psychiatric and behavioural problems or impair learning ability.

It was the first time that human guinea pigs were used to measure the effects of mobile phone radiation on children. The tests were carried out on an 11-year-old boy and a 13-year-old girl called Jennifer.

Using a CATEEN scanner, linked to a machine measuring brain wave activity, researchers were able to create the images above.

The yellow coloured part of the scan on the right shows how radiation spreads through the centre of the brain and out to the ear on the other side of the skull. The scans found that disturbed brain wave activity lasted for up to an hour after the phone call ended.

Dr Gerald Hyland - a Government adviser on mobiles - says he finds the results "extremely disturbing".

"It makes one wonder whether children, whose brains are still developing, should be using mobile phones," he adds. (or, used in secret military experiments)

"The results show that children's brains are affected for long periods even after very short-term use.

"Their brain wave patterns are abnormal and stay like that for a long period.

"This could affect their mood and ability to learn in the classroom if they have been using a phone during break time, for instance.

"We don't know all the answers yet, but the alteration in brain waves could lead to things like a lack of concentration, memory loss, inability to learn and aggressive behaviour."

Previously it had been thought that interference with brain waves and brain chemistry stopped when a call ended.

The results of the study by the Spanish Neuro Diagnostic Research Institute in Marbella coincide

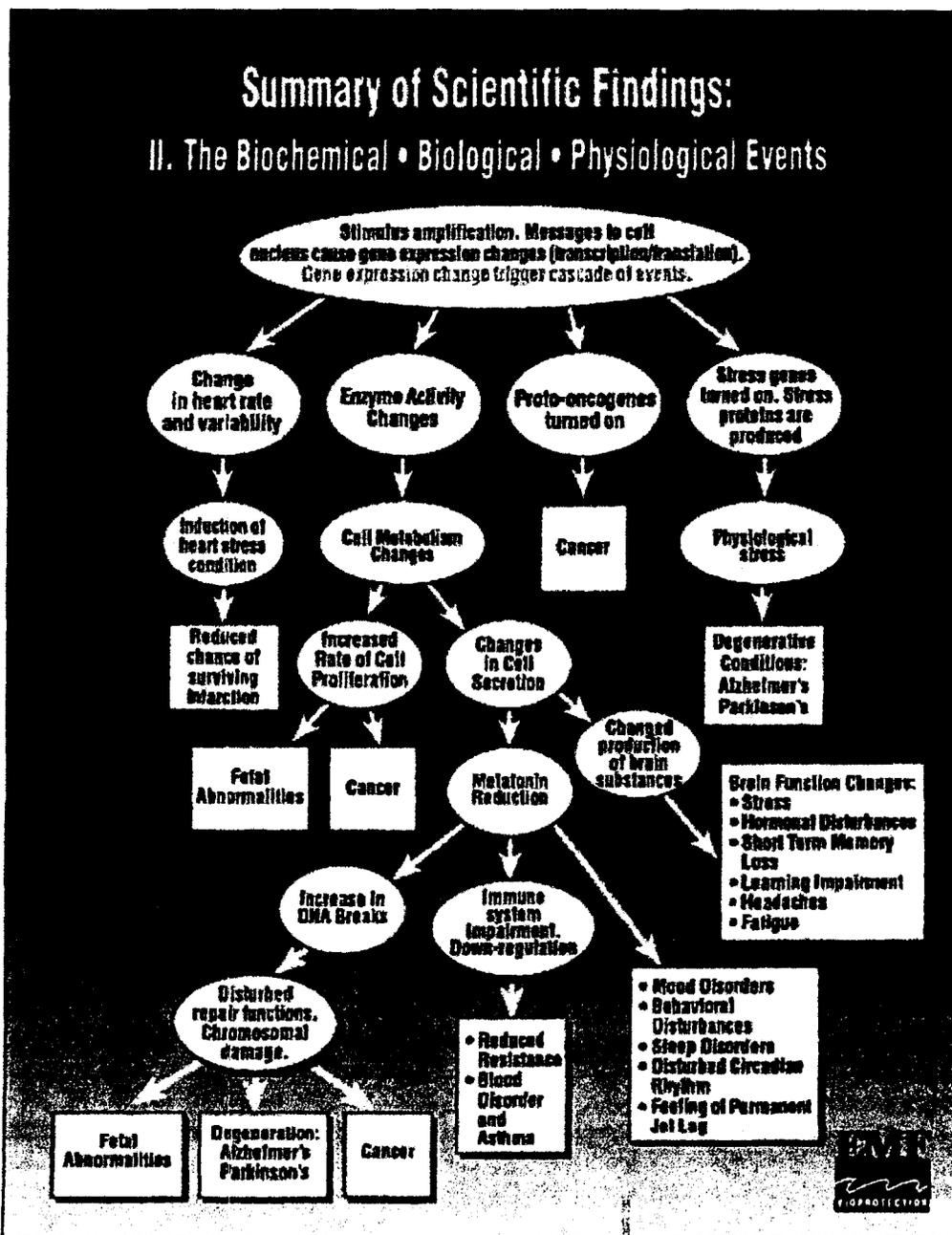
[http://www.emn-network.org/news/27Dec01\\_UKMirror.htm](http://www.emn-network.org/news/27Dec01_UKMirror.htm)

9/17/2002

EM.  
(Some radiation is used in Wastave's testing that was used in cell phones!)

Wastave's testing is Chronic and multi-generational long-term health research!

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5/25/05



Walter Reed Army Institute Department of Microwave Engineering.

The background for the project was worries in the U.S. Army about the biological effects and potential health concerns personnel exposed to EMFs. Since World War II, the U.S. Army has been the world's largest user of electric and telecommunication equipment, and was the first to recognize effects induced by EMFs on military personnel ([http://www.emf.com/scientific\\_information.php?arnum=119](http://www.emf.com/scientific_information.php?arnum=119))

10/27/2001

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5/23/05

**Long term in vivo (animal) effects**

WHY FUND ANIMAL STUDIES , WHEN IN SECRET, YOU CAN USE HUMANS?  
ON SUCH HUMAN TESTING HAS GONE ON FOR 4 GENERATIONS BY WESTOVER  
AIR BASE IN CHICOPEE, MA.....

Only few long term animal studies are available due to their high costs and extreme difficulty.

Professor C. Susskind and Dr. S. Prausnitz, University of California at Berkeley [ref. 39] carried out the first reported long term study for the US Air Force in 1962. They exposed male Swiss albino mice to microwaves at 0.1 mW/cm<sup>2</sup> for 4.5 minutes per day, 5 days a week for 59 weeks. They found two adverse effects in the exposed mice compared to the unexposed mice. Testicular degeneration occurred in 40% of the exposed compared to 8% of the unexposed mice, and leukemia occurred in 35% of the exposed mice compared to 10% of the unexposed.

In 1985 Professor Guy [ref. 40] and his team carried out a long term study at the University of Washington, funded by the US Air Force. They exposed 100 rats to pulsed radar-like MW EMF at SAR below 0.4 W/Kg, the human exposure level allowable under the ANSI standard. Guy and his team found 18 malignancies in the exposed rats compared to 5 in the unexposed group. This led the US EPA to classify RF/MW as a possible human carcinogen (group C) in 1985.

A study in Poland (1982) showed similar effects of MW EMF in inducing cancer in mice [ref. 41].

In 1980 a study at Duke University Medical Center gave direct evidence that long term MW EMF exposure caused chronic immunosuppression.

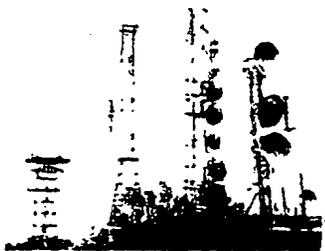
A study in India (1990) showed behavioral disturbances in rats (lower food and drink intake) and changed blood chemistry, as well as adverse effects on vital organs [ref. 42].

In 1997 [ref. 43] scientists at the Royal Adelaide Hospital, exposed 100 transgenic mice to MW radiation similar to GSM digital mobile phone antenna emissions for 30 minutes twice a day during 18 months. The study was conducted by Dr Repacholi funded by Australian telecommunication giant Telstra. At the end of the test period, the exposed mice had more than double the cancer rate compared to unexposed mice.

*Kudls!*

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5/25/05

## Our Primary Mission: Protect personnel from radio frequency radiation (RFR) exposure hazards, while minimizing negative operational impact.



### *RFR Used in Base Communications*

The US Air Force is one of the largest developers and users of radio frequency emitting devices in the world and, consequently, has been at the forefront of research on the biological effects of radio frequency radiation for more than 30 years. The mission of the Branch, part of the Directed Energy Bioeffects Division, is to protect Air Force personnel from RFR hazards, while minimizing negative operational impact. An extensive research program in the dosimetry and bioeffects of RFR is conducted. Research results are transitioned & transferred to health and safety standards (AFOSH 48-9; DODI 6055.11; NATO STANAG 2345; Ultrawide Band Interim Guidelines; ANSI/IEEE C95-1), which are used by safety officers, Bioenvironmental Engineers, and other health physics consultants. The advent of high-power microwave and ultrawide band directed energy weapons make the Branch's products and services ever more essential. Our goal is to provide the USAF with the world's best RFR bioeffects research and science-based exposure standards, allowing maximum safe exploitation of directed energy for the national defense.

- Collocated at Brooks AFB, TX, with Army and Navy RFR Research Programs
- World's Largest, Most Expertly Staffed, & Best Equipped Facility for RFR Bioeffects Research
- Exposure Capabilities from 100 kHz to 94 GHz
- AAALAC Accredited Animal Facilities

WESTOVER'S TESTING IS ON HUMANS (AND CHILDREN) LIED ABOUT, KEPT SECRET AND COVERED

- Expertise in Biology, Physics, Behavior, Neuroscience, Electrical Engineering, Math Modeling, Standard Setting, Risk Communication, and RFR Dosimetry

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## Bioeffects Research at AFRL/HEDR

Bioeffects research now being conducted by the Radiofrequency Radiation Branch examines effects at the subcellular, cellular, and whole organism levels. The research is coordinated through the Tri-Service Electromagnetic Radiation Panel, which is chartered through the Deputy Undersecretary of Defense for Environmental Security. In order to examine carcinogenicity potential, some studies expose small laboratory animals to RFR over virtually their entire life span. Other research focuses on the basic mechanisms of RFR bioeffects. Also emphasized are studies on the effects of millimeter wave frequency and high power microwave radiation on ocular and nervous system function. Some new directed energy weapons systems use short, intense pulses of microwave energy to incapacitate opponent electronic

WESTOVER'S TESTING IS MORE THAN LIFE LONG BUT ALSO MULTIGENERATIONAL

<http://www.brooks.af.mil/AFRL/HED/hedr/hedr.html>

11/10/2004

Toni

systems. A major research effort is focused on determining the biological effects of these novel pulses in order to establish protection criteria necessary before these systems can be tested and fielded. Bioeffects issues are critical to the success of new non-lethal weapons. Because of our core bioeffects expertise, we have become a major test facility for the bioeffects of non-lethal weapons.

## RESEARCH FACILITIES AT AFRL/HEDR

**Emitter Systems:** VHF; C-band; L-band; S-band; X-band; 35 & 94 GHz; Ultrawideband; Circular Waveguides, and 10 Anechoic Chambers.

### Modeling Support

- Finite Difference-Time Domain (FT-DT)
- Anatomical visualization
- Magnetic Resonance Imaging animal models
- Mathematical modeling

*Dosimetry models available via anonymous FTP to*

*Then click on the /EMF subdirectory*

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## Cover Story



### Wonder Weapons

*The Pentagon's quest for nonlethal arms is amazing. But is it smart?*

BY DOUGLAS PASTERNAK

Tucked away in the corner of a drab industrial park in Huntington Beach, Calif., is a windowless, nondescript building. Inside, under extremely tight security, engineers and scientists are working on devices whose ordinary appearance masks the oddity of their function. One is cone shaped, about the size of a fire hydrant. Another is a 3-foot-long metal tube, mounted on a tripod, with some black boxes at the operator's end. These are the newest weapons of war.

For hundreds of years, sci-fi writers have imagined weapons that might use energy waves or pulses to knock out, knock down, or otherwise disable enemies—without necessarily killing them. ~~And for a good 40 years the U.S. military has quietly been pursuing weapons of this sort.~~ Much of this work is still secret, and it has yet to produce a usable "nonlethal" weapon. But now that the cold war has ended and the United States is engaged in more humanitarian and peacekeeping missions, the search for weapons that could incapacitate people without inflicting lethal injuries has intensified. Police, too, are keenly interested. Scores of new contracts have been let, and scientists, aided by government research on the "bioeffects" of beamed energy, are searching the electromagnetic and sonic spectrums for wavelengths that can affect human behavior. Recent advancements in miniaturized electronics, power generation, and beam aiming may finally have put such pulse and beam weapons on the cusp of practicality, some experts say.

Weapons already exist that use lasers, which can temporarily or permanently blind enemy soldiers. So-called acoustic or sonic weapons, like the ones in the aforementioned lab, can vibrate the insides of humans to stun them, nauseate them, or even "liquefy their bowels and reduce them to quivering diarrhetic messes," according to a Pentagon briefing. Prototypes of such weapons were recently considered for tryout when U.S. troops intervened in Somalia. Other, stranger effects also have been explored, such as using electromagnetic waves to put human targets to sleep or to heat them up, on the microwave-oven principle. Scientists are

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RESPECTED INTERNATIONAL ORGANIZATIONS HAVE HEARD OF THIS TYPE OF TESTING AND TECH. (SOME A LONG TIME AGO) BUT OUR CONGRESSMEN AND THE U.S. CONGRESS HAVE NOT??

The 1990 International Review of the Red Cross reported, "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-material or anti-personnel purposes."

- The World Organization Against Torture, USA has recently issued a report on Torture in the United States. Among other abuses it includes a section on involuntary human scientific experimentation:

"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 inter-governmental 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."

## WHAT IS "RADIOFREQUENCY" AND MICROWAVE RADIATION?

Electromagnetic radiation consists of waves of electric and magnetic energy moving together (i.e., radiating) through space at the speed of light. Taken together, all forms of electromagnetic energy are referred to as the electromagnetic "spectrum." Radio waves and microwaves emitted by transmitting antennas are one form of electromagnetic energy. They are collectively referred to as "radiofrequency" or "RF" energy or radiation. Often the term "electromagnetic field" or "radiofrequency field" may be used to indicate the presence of electromagnetic or RF energy.

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Came out 1978/1976  
Received transcript 1977

1976  
- 20 yrs

60 MINUTES

1956  
471

to be in real danger from microwaves you have to feel heat. Nonetheless they are concerned. And indeed, for 20 years the Federal Government has said that if our bodies are exposed to microwaves no stronger than 10 milliwatts per square centimeter, an area about the size of a fingernail, we're just fine. Well, it's that 10-milliwatt standard that's now being challenged. For instance, the Soviet Union is standards a thousand times tougher than our 10-milliwatt standard. The Soviets think that low-level doses of microwave radiation can cause a raft of ailments - from coronary disease to depression, partial loss of memory, anxiety, sexual impotence. So when Washington learned the Soviets were jamming microwaves at the U.S. Embassy in Moscow, some eyebrows went up.

the CIA asked your advice about the Moscow Embassy irradiation?

DR. MILTON ZARAT: That is correct.

MALCOLM: When and what did they ask?

DR. ZARAT: They first came to me, I think, early in '65. 1965.

MALCOLM: Dr. Milton Zarat is an eye surgeon, Professor of Ophthalmology at New York University, and he's been studying microwave radiation and its effects on us for 20 years.

DR. ZARAT: We recorded some of the Soviet experiments, and I also analyzed Soviet literature, and I found that in-- if I were a Professor of Ophthalmology at Moscow instead of at NYU, I would believe that radiation would have an anti-personnel effect. The multiple frequencies they were using, the wavelengths they were using, all fit into the spectrum they would expect - a behavioral effect on our species.

For example, [U.S. Air Force Maj. Norman] Routanen has proposed using "very powerful microwave devices to confuse, disable, or even kill the enemy." The report by the Georgetown University panel on combating terrorism

Miller, Marc S. (1987 Aug.). Ambiguous War The United States and Low-Intensity Conflict. MIT Alumni Association Technology Review Vol. 90 pg. 60.

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6/25/85

IV, No. 3), published by The Association of National Security Alumni, Washington, D.C.] (RETIRED INTELLIGENCE PEOPLE!)

JUNE - JULY 1992 "UNCLASSIFIED"

## BIOEFFECTS OF MICROWAVE RADIATION

Research into biological and psychological effects of exposure to microwave radiation is voluminous. The U.S. public has been led to believe that the former Soviet Union leads in this research. The fact is, the CIA and DoD [Department of Defense] have jointly pursued precisely the same research since commencement of Project Pandora in the 1950's. The current primary users of this research appear to be the CIA, DoD, the National Security Agency (NSA) and the Department of Energy (DoE).

Our first step was to determine what, if any technology exists which might be used for electronic harassment. The information was found in a "white paper" published in 1991 by the U.S. Global Strategy Council – a Washington-based organization, under the chairmanship of Ray Cline, former Deputy Director of the CIA, who maintains very close ties with the U.S. Intelligence community. The "white paper" describes the foreign and domestic uses foreseen for laser weapons, isotropic radiators, infrasound, non-nuclear electromagnetic pulse generators, and high-powered microwave emitters.

The term "non-lethal," used to describe this technology is misleading. the energy emitted from all of these weapons can kill people when appropriately amplified. At lower levels of amplified, they can cause extreme forms of physical discomfort and debilitation.

The Department of the Army (DA) identifies these same weapons as "non-conventional." They were so identified in an exhibit at a DA-

### uper-secret microwave weapons may be used in Iraq



ursday, August 15, 2002

/ GEORGE EDMONSON  
OX NEWS SERVICE

HUG. 2002

Earlier this month, the widely respected magazine Aviation Week & Space Technology printed an article stating that "an attack on Iraq is expected to see the first use of high-power microwave weapons..."

The New York Post, citing unnamed U.S. military officials, reported yesterday that a preliminary Iraq battle plan "outlined for President Bush last week calls for the most extensive use of electronic and psychological warfare in history – including secret new electromagnetic pulse weapons to disable Saddam (Hussein)'s entire command and control structure."

IS WAS ALL THAT SECRET, IT WOULD NOT BE IN THE NEWS!!!

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8/25/02

# Westover: Base gets new tower

*What  
price these  
towers &  
others?*

Continued from Page B1

2,400 reservists at Westover have been called to full-time duty to help fight the war on terrorism. Many are working on missions around the world.

A decade earlier, Westover was used as a major staging area where C5-A Galaxy transport jets were loaded and unloaded with troops and materials heading to and coming from the Persian Gulf.

While the majority of the base runways are used for military jets, the private Westover Metropolitan Airport also uses a taxiway.

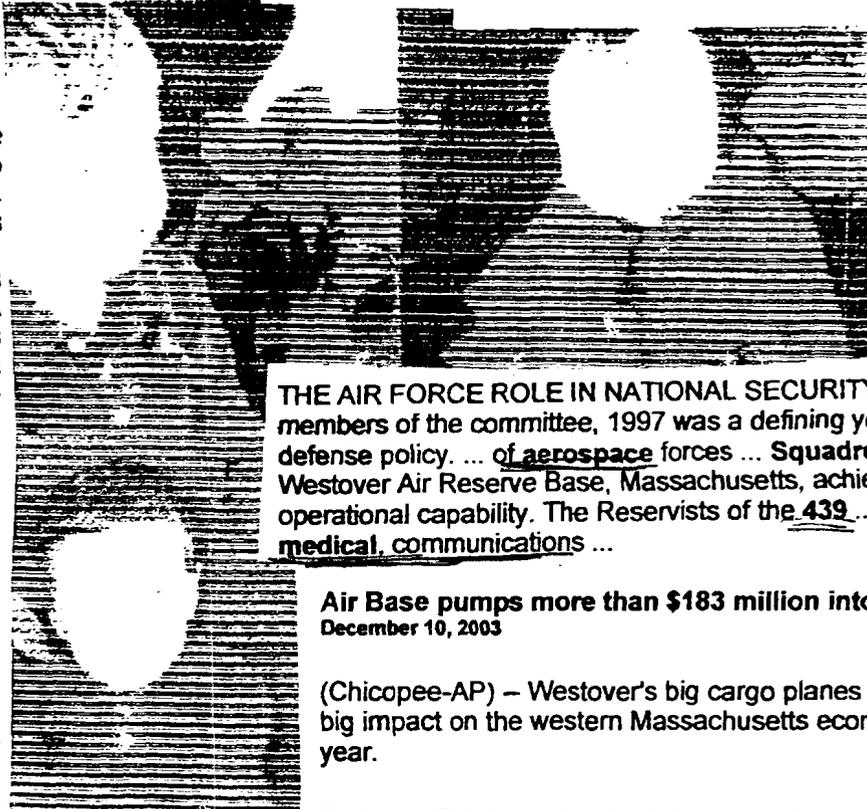
Pirrone said controllers could not see the civilian taxiway from the old tower. Pilots were always warned when they taxied out of view they were proceeding at their own risk.

The combination of the new control tower and recent improvements to runways is making the military airfield more viable for the future, said Col. Martin M. Mazick, commander of the 439th Airlift Wing.

Allan W. Blair, president of Western Metropolitan Development Corp., which owns the civilian airport, said the improvements from the military combined with the announcement last week of an infusion of \$1.57 million in state and federal money to improve lighting and security at the civilian taxiway helps boost the Westover Metropolitan Airport's potential.

Neal said as the defense budget increases, so will the scrutiny of the military capabilities, especially air defense.

"Economically, Westover plays a critical role in the Pioneer Valley as well," he said.



THE AIR FORCE ROLE IN NATIONAL SECURITY. Mr. Chairman, members of the committee, 1997 was a defining year for US defense policy. ... of aerospace forces ... Squadron (SFS) at Westover Air Reserve Base, Massachusetts, achieved full operational capability. The Reservists of the 439 ... Investigation, medical, communications ...

**Air Base pumps more than \$183 million into economy**  
December 10, 2003

(Chicopee-AP) – Westover's big cargo planes have had a big impact on the western Massachusetts economy this year.

Federal officials say the joint air reserve base contributed more than \$183 million into the economy of communities within 50 miles of the Chicopee base.

The transport base is the largest Air Force Reserve base in the country and the closest to Europe.

Base officials say the figure does not include income from 17 Army, Marine Corps, National Guard and Naval Reserve units that also use the base.

**Air show returning to Westover**  
November 4, 2003

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(Chicopee-AP) – The Great New England Air Show is returning to Westover Air Reserve Base next year after a four-year hiatus. Base officials say the show will be held in mid-August. Details of the air show will be finalized in the spring.

The show gives the public a chance to get an up-close look at a wide variety of military aircraft.

The last air show at the base was in 2000 and drew about 350,000 people.

Since 1961, work by Frey and others has shown that microwave energy is capable of producing tachycardia (speeding of the heartbeat) and bradycardia (slowing of the heartbeat). A 1976 US State Department report suggested it was possible to induce a heart attack in a person from a distance with radar. P. 162, 167

Microwave US-USSR, Vol VI, July-Dec. 1976 p. 4, Office of Security, US Dept. of State.

THIS TESTING HAS MURDERED MANY DECENT CITIZENS (DOCTORS THE KIND WHO SAVE LIVES, DECENT PEOPLE FROM ALL WALKS OF LIFE! WITH OLD TECHNOLOGY!!!

ARE SERIOUS HARMING CHILDREN - KNOWINGLY!

SOME OF THEIR NEEDLESS ABUSES WOULD MAKE ABU GRAIB LOOK LIKE A SUNDAY PICNIC!!!!

439th Airlift Wing	439th Aeromedical Evacuation Squadron	439th Aircraft Maintenance Squadron	439th Airlift Control Flight
439th Aerospace Medicine Squadron	42nd Aerial Port Squadron	58th Aerial Port Squadron	65th Aerial Port Squadron
337th Airlift Squadron	439th Aeromedical Staging Squadron	439th Logistics Readiness Squadron	439th Civil Engineering Squadron
439th Communications Squadron	439th Explosive Ordnance	439th Logistics Readiness Squadron	439th Maintenance Operations Sq.
439th Maintenance Squadron	439th Mission Support Squadron	439th Operations Support Squadron	439th Security Forces Squadron
439th Services Squadron	Westover Fire Dept	Springfield Military Entrance Processing Station (MEPS)	Civil Air Patrol
287th Medical Company Army Reserve	Marine Air Support Squadron & 4th Marine Air Wing	TOW Platoon, HQ Co. 25th Marines	

HIDDEN BEHIND LIES AND COVERS THIS ATRCITY IS TAKING PLACE!!!!!!!!!!!!!!

*They have cover stories!*

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Wednesday, September 08, 2004

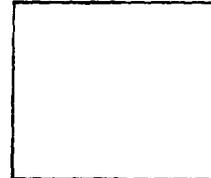
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CHICOPEE - Ground was broken yesterday for a \$3.7 million headquarters for the 439th Security Forces Squadron which protects the 2,500-acre Westover Air Reserve Base.

U.S. Rep. Richard E. Neal, D-Springfield, who flew in from Washington, D.C., with U.S. Rep. John W. Olver, D-Amherst, said that the new building will house military and civilian workers and Air Force reservists.

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It's not too late.

Air Reserve Technical Sgt. Andrew S. Biscoe of the base public affairs office said that the building at 300 Patriot Ave. will replace an older, smaller structure that was built when the base was constructed.

The building will cover more than 21,300 square feet, almost double the size of the present headquarters.

Chicopee Mayor Richard R. Goyette, Col. Wade Farris, commander of the 439th Airlift Wing, regional representatives of the Army Corps of Engineers, and other military personnel participated in the groundbreaking. About 140 members of the security force will occupy the building.

WHY DOSE THIS NOW RESERVE BASE NEED A SECURITY BUILDING TWICE THE SIZE THAT IT WAS, WHEN WESTOVER WAS A BIG S.A.C. BASE WITH LOTS OF SERETS???????????

Neal, whose district embraces Westover, said that he and Olver are proud to have procured more than \$40 million worth of allotments in recent years for base upgrades. He said they are pledged to continue to fight for military spending to keep the country secure.

Neal said the groundbreaking was as "timely today in this national setting," considering the Sept. 11, 2001, terrorist attacks, and said that Westover's role is important in both national and international events.

Not only does the base play a vital role in security and defense worldwide, but it is an important factor in the economy of Western Massachusetts, he said.

Neal said he is especially proud to have worked to ensure funding for a \$4 million air traffic control tower which was opened in 2002. It replaced a tower built in 1962.

Last January, a \$10.2 million Marine Corps training center was opened, bringing three units under one roof. It is used by Marine Air Support Squadron 6, Marine Wing Support 472, and prior service recruiters.

Farris thanked the attendees, and said the base is providing an increased security service. The new building will improve Westover's response and commitment, he said.

Westover Chief Civil Engineer Leroy Klink said that Eastern Contractors Inc. of

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en. Edward M. Kennedy, the patriarch of one of America's most famous political dynasties, has represented Massachusetts as a Democrat since 1962. He was elected to finish the term of his brother, John F. Kennedy, who had just been elected president. In an interview with National Defense, Kennedy discussed his priorities concerning defense matters, which mainly are oriented toward service to his constituents. "Massachusetts has strong ties to the defense industry. Our talented and educated workforce produces many of the high-tech components used in modern weapons and support systems. Our state provides many critical and unique services to the Department of Defense. Our outstanding universities and research laboratories make significant contributions, as well," he said.

http://www.nationaldefensemagazine.org/article.cfm?id=560

5/5/2002

MAYBE SEN. KENNEDY HAS BEEN ON THE ARMED SERVICE COMMITTEE TOO LONG AND TOO CLOSE TO THEM?? HE INVESTIGATED THE CIA IN THE 70s BUT THE MILITARY WAS DOING THE SAME TYPE OF TESTING AND EVEN MORE SUCCESSFUL THAN THE CIA. WE WROTE TELLING HIM OF THESE TESTS BY THE MILITARY IN THE EARLY 70s!!!!

# Westover eyed as air taxi hub

A fleet of 6-passenger jets would provide 500-mile service from small airports in the Northeast.

By WILLIAM FREEBAIRN  
wfreebairn@repub.com

CHICOPEE - A start-up air taxi company is considering Westover Metropolitan Airport for its corporate headquarters, hub and maintenance operations, potentially bringing hundreds of jobs to Chicopee.

Officials of Pogo, the new service's name, confirmed that Westover is one of four locations being considered for its hub.

The other finalists are Bradley International Airport in

Windsor Locks, Pease Airport near Portsmouth, N.H., and Stewart International Airport in Newburgh, N.Y.

"It's very, very serious," said Pogo spokesman Cameron R. Burr about the company's interest in Westover.

The airport is located adjacent to the Westover Air Reserve Base and shares the base's giant runways and some other facilities. TOWER

"Westover has a lot of the attributes we are looking for, and that whole Pioneer Valley we were very attracted to," Burr said.

Burr is executive vice president of the company, which is operating from Stratford, Conn., as it raises money and orders airplanes.

Please see Pogo, Page A13

NO AIR FORCE TOWER  
NO " " RUNWAYS  
NO AIR TAXI HUB???

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5/25/05

208 The proliferation of high-power radio transmitters and powerful radars employing microwaves has stimulated some research into the biological effects of such waves (Harrison, 1973; Lebowitz, 1972). Microwaves are already widely used for the rapid heating of foods, and the possibility of using them as weapons provoked some discussion at the Lucerne Conference of Government Experts (ICRC, 1974). Military research into the effects of microwaves on animals and materials is continuing (U.S. Army Research and Development News Magazine, March-April 1977).

CHILDREN AND HUMANS! J. Westover

(Saturday, 4/30/2005, The

Republican)

CHICOPEE - Good news came on two fronts yesterday, one acknowledging yet another major investment by the federal government in the area's future economic health and the other to launch an even more powerful effort to keep Westover Air Reserve Base in operation.

(Thursday, 4/28/2005, The

Republican)

SPRINGFIELD - *How is the...*

(Tuesday, 5/03/2005,

The Republican)

Westover Air Reserve Base in Chicopee and the National Guard Base at Westfield Municipal Airport are under the gun again as the Pentagon decides which of the nation's military bases should be considered surplus.

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(Friday, 5/06/2005, The Republican)

Politicians from Springfield to Greenfield have signed on to letters to the Defense Department, part of the campaign to save Westover Air Reserve Base in Chicopee and Barnes Air National Guard Base in Westfield.

# The Republican.

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## Editorials

Tuesday, May 03, 2005

Westover Air Reserve Base in Chicopee and the National Guard Base at Westfield Municipal Airport are under the gun again as the Pentagon decides which of the nation's military bases should be considered surplus.

The Defense Department aims to close about a quarter of its 400 military installations, saving an estimated \$7 billion as part of an ongoing retrenchment begun in 1988.

With a decision on the base closings that could come as early as May 16, Massachusetts leaders are wisely rolling out the big guns to protect Bay State bases from joining other New England bases that were shuttered one by one after the Iron Curtain fell.

U.S. Rep. Richard E. Neal, D-Springfield, who visited the Chicopee base last week, said fellow Democratic U.S. Sens. Edward M. Kennedy and John F. Kerry, and U. S. Rep. John W. Olver, D-Amherst, are working hard to keep the base from closing.

Republican Gov. W. Mitt Romney plans to visit both Westover and Barnes this week in an effort to defend the bases from potential closing.

We're pleased the state's political leaders are circling the wagons to prevent the closings. Both installations are important to the region's economy. They must be saved.

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THEY WON! WESTOVER IS BEING KEPT OPEN AND MORE JOBS ADDED! OVER ALL. <sup>MASS</sup> POLITICIANS DID ROCK THE BOAT" LIKE SOME IN OTHER STATES!

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2005/05

Colonel U.S. Army (Retired). Fellow Emeritus, Alpha Foundation's Institute for Advanced Study. Director of Association of Distinguished American Scientists. Course work completed for doctorate; thesis being submitted. MS Nuclear Engineering, Georgia Institute of Technology. BS Mathematics. Northeast Louisiana University with minor in Electronic Engineering. Graduate of Command & General Staff College, U.S. Army. Graduate of Guided Missile Staff Officer's Course, U.S. Army (equivalent to MS in Aerospace Engineering). Graduate courses in statistics, electromagnetics. Numerous missile, radar, electronic warfare, and counter-countermeasures courses.

St. Col. THOMAS E. BEARDEN (RETD.)

↓ ↓ ↓  
**Potential U.S. Rogue Groups and Two Recent Examples**

researchers will probably arise if they have not already done so. They will likely seek to increase their personal control and further isolate the programs from orthodox government review and from government and legislative control. They may even divert the research into highly illegal and unethical means, because it furthers their own rogue agendas. That is how clandestine U.S. government research can, sometimes go sour, unless great care is exercised by the oversight committees in the House and the Senate.

Sometimes when rogue groups do gain control and total secrecy of a given new technological area, then what appears to be "U.S. government operations" do start to encompass a criminal and unethical operations, hidden usually beneath the deep veil of high classification. Also, if it's "scientific," no one is ever brought to justice, even if the "evil science actions" are uncovered and publicly revealed.

**We Certainly Have Proof of Such Rogue Activity. For Example, Here are Two Prominent Cases:**

1. For three decades, scientists from the U.S. government, universities, and civilian contractors secretly conspired to treat unsuspecting human patients with whole body nuclear radiation, including some retarded children and cancer patients. Some of those patients including some of the retarded children died as a result. These illegal experiments were

conducted in great secrecy, and the results were highly classified. Eventually these actions were revealed, and a Presidential investigation committee investigated. These experiments would seem to be little different from the WWII Nazi and Japanese experiments on human prisoners. Are those U.S. scientists who were responsible for those retarded children's deaths any different from the Nazi scientists and criminals we executed at Nuremberg? So what happened when this terrible thing finally came out into the open? President Clinton publicly apologized! How many of the responsible scientists were indicted for murder? Not one. None is ever going to be.

Suppose a doctor here in South Alabama, with his own private clinic, had secretly irradiated those human patients and retarded children with whole body nuclear radiation, over a period of 30 years, resulting in some agonizing deaths. How many state and federal agencies would have come after him with arrest warrants? Probably about 50 or so. Would he have been indicted, tried, convicted, and executed or sent to prison for life? Absolutely! Would the President of the United States have apologized? Not on your life; he would have turned it over to the U.S. Attorney General with a strong directive to investigate and prosecute on criminal charges.

2. Again for three decades, scientists from (i) the U.S. Government, (ii) universities, and (iii) civilian contractors conspired to give poor syphilitic blacks in Tuskegee, Alabama a placebo while ostensibly treating them for syphilis. The purpose of the program was to deliberately observe and record the ravages of the disease to its fruition in their wracked bodies. So the scientists deliberately sat there and

watched their brains rot and their bodies rot. They kept meticulous notes, of course. It was very scientific. And it was macabre. They "treated" some 400 blacks in the "program." Over 100 blacks died

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