

The Controllers

Perhaps the most interesting pieces of evidence surrounding the abduction phenomenon are the intracerebral implants allegedly visible in the X-rays and MRI scans of many abductees. Indeed, abductees often describe operations in which needles are inserted into the brain; more frequently still, they report implantation of foreign objects through the sinus cavities. Many abduction specialists assume that these intracranial incursions must be the handwork of scientists from the stars. Unfortunately, these researchers have failed to familiarize themselves with certain little-heralded advances in terrestrial technology.

Delgado's *Physical control of the Mind: Toward a Psychocivilised Society* 1969 remains the full-length, popularly-written work on intracerebral implants and electronic stimulation of the brain (ESB). (The book's ominous title and unconvincing philosophical rationales for mass mind control prompted an unfavorable public reaction -- which may have deterred other researchers from publishing on this theme for a general audience.) While subsequent work has long since superseded the techniques described in this book, Delgado's achievements were seminal. His animal and human experiments clearly demonstrate that the experimenter can electronically induce emotions and behavior: Under certain conditions, the extremes of temperament -- rage, lust, fatigue, etc. -- can be elicited by an outside operator as easily as an organist might call forth a C-major chord.

Delgado writes: "Radio Stimulation of different points in the amygdala and hippocampus in the four patients produced a variety of effects, including pleasant sensations, elation, deep thoughtful concentration, odd feelings, super relaxation, colored visions, and other responses." The evocative phrase "colored vision" clearly indicates remotely-induced hallucination; we will detail later how these hallucinations may be "controlled" by an outside operator.

Speaking in 1966 -- and reflecting research undertaken years previous -- Delgado asserted that his experiments "support the distasteful conclusion that motion, emotion, and behavior can be directed by electrical forces and that humans can be controlled like robots by push buttons." He even prophesied a day when brain control could be turned over to non-human operators, by establishing two-way radio communication between the implanted brain and a computer.

Other researchers have made notable contributions to this field. Robert G. Heath, of Tulane University, who has implanted as many as 125 electrodes in his subjects, achieved his greatest notoriety by attempting to "cure" homosexuality through ESB. In his experiments, he discovered that he could control his patients' memory, (a feat which, applied in a ufological context, may account for the phenomenon of "missing time"); he could also induce sexual arousal, fear, pleasure, and hallucinations.

Heath and another researcher, James Olds, have independently illustrated that areas of the brain in and near the hypothalamus have, when electronically stimulated, what has been described as "rewarding" and "aversive" effects. Both animals and men, when given the means to induce their own ESB of the brain's pleasure centers, will stimulate themselves at a tremendous rate, ignoring such basic drives as hunger and thirst.

John Lilly, *The Scientist* (Berkeley: Ronin Publishing, 1988 [revised edition]), 90. Monkeys allowed to stimulate themselves continually via ESB brought themselves to orgasm once every three minutes, sixteen hours a day. Scientific gatherings throughout the world saw motion pictures of these experiments, which surely made spectacular cinema.

In Ralph Schwitzgebel's initial work, application of this technology to ESB seems to have been limited by cumbersome brain implants with protruding wires. But technology was soon miniaturized, and a scheme was proposed whereby radio receivers would be mounted on utility poles throughout a given city, thereby providing 24-hour-a-day monitoring capability. Like Heath, Schwitzgebel was much exercised about homosexuality and the use of intracranial devices to combat sexual deviation. But he has also spoken ominously about applying his devices to "so-

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cially troublesome persons"...which, of course, could mean *anyone*.

Bryan Robinson of the Yerkes primate laboratory has conducted fascinating simian research on the use of remote ESB in a social context. He could cause mothers to ignore their offspring, despite the babies' cries. He could turn submission into dominance, and vice-versa.

Perhaps the most disturbing wanderer in this mind-field is Joseph A. Meyer, of the National Security Agency, the most formidable and secretive component of America's national security complex. Meyer has proposed implanting roughly half of all Americans arrested -- not necessarily convicted -- of any crime; the numbers of "subscribers" (his euphemism) would run into the tens of millions. "Subscribers" could be monitored continually by computer wherever they went. Meyer, who has carefully worked out the economics of his mass-implantation system, asserts that taxpayer liability should be reduced by forcing subscribers to "rent" the implant from the State. Implants are cheaper and more efficient than police, Meyer suggests, since the call to crime is relentless for the poor "urban dweller" -- who, this spook-scientist admits in a surprisingly candid aside, is fundamentally unnecessary to a post-industrial economy. "Urban dweller" may be another of Meyer's euphemisms: he uses New York's Harlem as his model community in working out the details of his mind-management system.

The history of brain implantation, as gleaned from the open literature, is certainly disquieting. Yet this history has almost certainly been censored, and the dates manipulated in a night-Orwellian fashion. When dealing with research funded by the engines of national security, one can never know the true origin date of any individual scientific advance. However, if we listen carefully to the scientists who have pioneered this research, we may hear whispers, faint but unmistakable, hinting that remotely-applied ESB originated earlier than published studies would indicate.

In his autobiography *The Scientist*, John C. Lilly (who would later achieve a cultish renown for his work with dolphins, drugs and sensory deprivation) records a conversation he had with the director of the National Institute of Mental health -- in 1953. The director asked Lilly to brief the CIA, FBI, NSA and the various military intelligence services on his work using electrodes to stimulate directly the pleasure and pain centers of the brain. Lilly refused, noting, in his reply:

"Dr. Antoine Remond, using our techniques in Paris, has demonstrated that this method of stimulation of the brain can be applied to the human without the help of the neurosurgeon; he is doing it in his office in Paris without neurosurgical supervision. This means that anybody with the proper apparatus can carry this out on a person covertly, with no external signs that electrodes have been used on that person. I feel that if this technique got into the hands of a secret agency, they would have total control over a human being and be able to change his beliefs extremely quickly."

Over the years, certain journalists have asserted that the CIA has mastered a technology called RHIC-EDOM. RHIC means "Radio Hypnotic Intracerebral Control." EDOM stands for "Electronic Dissolution of Memory." Together, these techniques can -- allegedly -- remotely induce hypnotic trance, deliver suggestions to the subject, and erase all memory for both the instruction period and the act which the subject is asked to perform.

Other authors have mentioned this technique -- specifically Walter Bowart (in his book *Operation Mind Control*) and journalist James Moore, who, in a 1975 issue of a periodical called *Modern People*, claimed to have secured a 350-page manual, prepared in 1963, on RHIC-EDOM. He received the manual from CIA sources.

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The following quote by Moore on RHIC should prove especially intriguing to abduction researchers who have confronted odd "personality shifts" in abductees: "Medically, these radio signals are directed to certain parts of the brain. When a part of your brain receives a tiny electrical impulse from outside sources, such as vision, hearing, etc, an emotion is produced -- anger at the sight of a gang of boys beating an old woman, for example. The same emotion of anger can be created by artificial radio signals sent to your brain by a controller. You could instantly feel the same white hot anger without any apparent reason."

Robert Anton Wilson, an author recently has taken to promoting a new generation of "mind machines" designed to promote creativity, stimulate learning, and alter consciousness -- i.e, provide a drug-less high. Interestingly, these machines can also induce "Out-of body-Experiences," in which the percipient mentally "travels" to another location while his body remains at rest.

There's more than one way to entrain a brain. Michael Hutchison's excellent book *Mega Brain* details the author's personal experiences with many such devices -- The Alpha-stim, TENS, the Synchro-energizer, Tranquilite, etc. He recounts dazzling, Dali-esque hallucinations as a result of using this mind-expanding technology; moreover, he offers a seductive argument that these devices may represent a true breakthrough in consciousness-control.

Perhaps the most significant work in this area has been produced by Dr. W. Ross Adey at the University of Southern California. He determined that behavior and emotional states can be altered without electrodes -- simply by placing the subject in an electromagnetic field. By directing a carrier frequency to stimulate the brain and using amplitude modulation to "shape" the wave into mimicry of a desired EEG frequency, he was able to impose a 4.5 CPS theta rhythm on his subjects -- a frequency which he previously measured in the hippocampus during avoidance learning. Thus, he could externally condition the mind towards an adverse reaction.

Trance may be remotely induced -- but can it be directed? Yes. Recall the intracerebral voices mentioned earlier in our discussion of Delgado. The same effect can be produced by "the wave". Frey demonstrated in the early 1960's that microwaves could produce booming, hissing, buzzing, and other intracerebral static (this phenomenon is now called "the Frey effect"); in 1973, Dr. Joseph Sharp, of the Walter Reed Army Institute of Research, expanded on Frey's work in an experiment where the subject -- in this case, Sharp himself - "heard" and understood spoken words delivered via a pulsed-microwave analog of the speaker's sound vibrations.

Dr. Robert Becker comments that "Such a device has obvious applications in covert operations designed to drive a target crazy with 'voices' or deliver undetectable instructions to a programmed assassin."

But the radioactive disc is especially intriguing. As former FBI agent Ted Gunderson recently explained to my associate Alexander Constantine, magnetic radioactive discs have long been used by the clandestine services as cancer-inducing "silent killers" -- i.e. as tools of assassination.

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In a fascinating series of experiments, Delgado attached the stimoreceiver to the tympanic membrane, thereby transforming the ear into a sort of microphone. An assistant would whisper "How are you?" into the ear of a suitably "fixedd" cat, and Delgado could hear the words over a loudspeaker in the next room. The application of this technology to the spy trade should be readily apparent. According to Victor Marchetti, the Agency once attempted a highly-sophisticated extension of this basic idea, in which radio implants were attached to a cat's cochlea, to facilitate the pinpointing of specific conversations, freed from extraneous surrounding noises. Such "advances" exacerbate the already-imposing level of Twentieth-Century paranoia: Not only can our phones be tapped and mail checked, but even *Tabby* may be spying on us!

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Unfortunately, even the Freedom of Information Act couldn't pry loose much information on electronic mind control techniques, though we know that a great deal of study was done in these areas. We have, for example, only four pages on subproject 94 - by comparison, a veritable flood of documents were released on the use of drugs in mind control. (Whenever an author tells us that MKULTRA met with little success, the reference is to drug testing.) On this point, I must criticize John Marks: His book never mentions that roughly 20-25 percent of the MKULTRA subprojects are "dark" - i.e. little or no information was ever made available, despite lawyers and FOIA requests.

We have amply demonstrated, then, that as far back as the 1960s - and possibly earlier still - scientists have had the capability to create implants similar to those now purportedly visible in abductee MRI scans. Indeed, we have no notion just how advanced this technology has become, since the popular press stopped reporting on brain implantation in the early 1970s. The research has no doubt continued, albeit in a less public fashion. In fact, scientist such as Delgado have cast their eye far beyond the implants; ESB effects can now be elicited with microwaves and other forms of electromagnetic radiation, used with and without electrodes.

So why - if we take UFO abduction accounts at face value - are the "advanced aliens" using an old technology, an *Earth* technology, a technology which may soon be rendered obsolescent, if it hasn't been so rendered already? I am reminded of the charming anachronisms in the old Flash Gordon serials, where swords and spaceships clashed continually.

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Soviet microwave bombardment of the U.S. Embassy in Moscow prompted the Defense Advanced Research Projects Agency's Project PANDORA (later renamed), whose ostensible goal was to determine whether these pulsations (reportedly 10 cycles per second, which puts them in the alpha range) could be used for the purposes of mind control. I suspect that the "war on Tchaikowsky Street," as I call it, was used, at least in part, as a cover story for DARPA mind control research; and that the stories floated in the news (via, for example, Jack Anderson's column) about Soviet remote brainwashing served the same propaganda purposes as did the bleatings of Edward Hunter during the 1950s.

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Perhaps the most ominous revelations, however, concern the mysterious work of J.F. Schapitz, who in 1974 filed a plan to explore the interaction of radio frequencies and hypnosis. He proposed the following: "In this investigation it will be shown that the spoken word of the hypnotists may be conveyed by modulate electromagnetic energy *directly into the subconscious parts of the human brain* [my italics] - i.e. without employing any technical devices for receiving or transcoding the messages and without the person exposed to such influence having a chance to control the information input consciously."

I have spoken to another abductee, Nancy Wright, who was allegedly taken to an underground chamber ten miles north of Edwards AFB, California. As this was a multiple-witness event, and Ms. Wright has not attempted to capitalize on the story for financial gain, I tend to credit the story. According to abduction researcher Miranda Parks, an elderly couple living in the vicinity was also abducted in an exactly similar fashion.