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1/x Fort Detrick History

Mr. Patrick, one of the chief scientists at the Army Biological Warfare Laboratories at Fort Detrick in Frederick, Md., held five classified US patents for the process of weaponizing anthrax.

2/x

Under Mr. Patrick's direction, scientists at Fort Detrick developed a tularemia agent that, if disseminated by airplane, could cause casualties & sickness over 1000s mi². In a 10,000 mi² range, it had 90% casualty rate & 50% fatality rate



3/x His team explored Q fever, plague, & Venezuelan equine encephalitis, testing more than 20 anthrax strains to discern most lethal variety. Fort Detrick scientists used aerosol spray systems inside fountain pens, walking sticks, light bulbs, &

even in 1953 Mercury exhaust pipes



4/x After retiring in 1986, Mr. Patrick remained one of the world's foremost specialists on biological warfare & was a consultant to the CIA, FBI, & US military. He debriefed Soviet defector Ken Alibek, the deputy chief of the Soviet biowarfare program

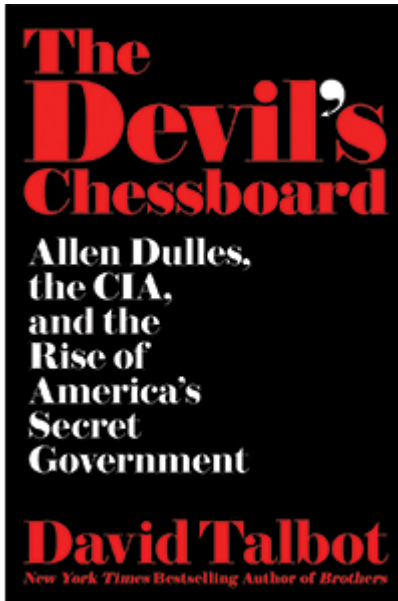
<https://t.co/sHgSaTSqtB>



An official army photo, taken in 1982, after I was promoted to deputy director of Omutninsk. I am wearing a medal for "wartime services" awarded for the successful development of a tularemia biological weapon.

5/x Back in Time

In 1949 the Army created a small team of chemists at "Camp Detrick" called Special Operations Division. Its assignment was to find military uses for toxic bacteria. The coercive use of toxins was a new field, which fascinated Allen Dulles, later head of the CIA



6/x More on Dulles here:

<https://t.co/XvM46MzDNV>

and

<https://t.co/pCuzfzCHI9>

7/x Gottlieb

In 1951, Dulles hired a chemist to oversee a systematic search for key to mind control: Sidney Gottlieb, a 33-year-old Jew who limped & stuttered, meditated, lived in a remote cabin without running water & rose before dawn to milk his goats.

<https://t.co/O6zZlhd2QC>

8/x Gottlieb wanted to use Detrick's assets to propel his mind control project to new heights. The CIA acquired the knowledge, skill, & facilities of the Army to develop biological weapons suited for CIA use. Gottlieb created a hidden CIA enclave inside Camp Detrick.

OBITUARIES

Sidney Gottlieb, 80, Dies; Took LSD to C.I.A.

By TIM WEINER

WASHINGTON, March 9 — Sidney Gottlieb, who presided over the Central Intelligence Agency's cold-war efforts to control the human mind and provided the agency poisons to kill Fidel Castro, died on Sunday in Washington, Va. He was 80 and had spent his later years caring for dying patients, trying to run a commune, folk dancing, consciousness-raising and fighting lawsuits from survivors of his secret tests.

Friends and enemies alike say Mr. Gottlieb was a kind of genius, striving to explore the frontiers of the human mind for his country, while searching for religious and spiritual meaning in his life. But he will always be remembered as the Government chemist who dosed Americans with psychedelics in the name of national security, the man who brought LSD to the C.I.A.

In the 1950's and early 1960's, the agency gave mind-altering drugs to hundreds of unsuspecting Americans in an effort to explore the possibi-



Associated Press, 1977

Sidney Gottlieb

"We were in a World War II mode," Mr. Gittinger said. "The war

ed, magna cum laude, with a chemistry degree in 1940. He earned a doctorate in biochemistry from the California Institute of Technology, where in 1942 he married Margaret Moore, the daughter of Presbyterian missionaries who served in India, where she was born. A clubfoot kept him from military service in World War II, and he was always bitter that he missed the war, Mr. Gittinger said.

Mr. Gottlieb joined the C.I.A. in 1951, although not before telling Mr. Gittinger, his interviewer, that he had been a socialist in his youth.

Two years later, the agency established MKUltra and Mr. Gottlieb was running it. As chief of the agency's technical services division, he served two decades as the senior scientist presiding over some of the C.I.A.'s darkest secrets.

The first of these were the LSD experiments. Mr. Gottlieb was fascinated by the drug, and, a family friend said, he took it hundreds of times.

9/x Gottlieb searched relentlessly for a way to destroy human minds so new ones could be implanted in their place. He tested an astonishing variety of drug combinations (LSD was one of them) often combined with electroshock & sensory deprivation (MKULTRA)

<https://t.co/DaZJcTYXYT>

10/x In the US, his victims were unwitting subjects at jails & hospitals. In Europe and East Asia, Gottlieb's victims were prisoners in secret detention centers. These were the most gruesome experiments the U.S. government ever conducted on human beings.

<https://t.co/UOQcwoyLEf>

11/ x Fort Detrick Experiments

7 prisoners in Lexington were given multiple doses of LSD for 77 days straight!

Captured North Koreans were given depressant drugs, then potent stimulants & exposed to intense heat & electroshock while they were in the weakened state of transition



12/ x These experiments destroyed many minds & caused an unknown number of deaths. Many of the potions, pills & aerosols administered to victims were created at Fort Detrick.

One of the most well-known victims of Gottlieb's experiments was Frank Olson:

<https://t.co/7zx4YoLSAx>

13/ x A decade of intense experiments taught Gottlieb ways to destroy a human mind. Fort Detrick, as it was renamed in 1956, remained Gottlieb's chemical base. After the end of MK-ULTRA, he used it to develop and store the CIA's arsenal of poisons.

<https://t.co/qXEFgMBy59>

14/ x Freezer

In his freezers he kept biological agents that could cause diseases including smallpox, tuberculosis & anthrax as well as organic toxins, including snake venom & paralytic shellfish poison. He developed poisons intended to kill Fidel Castro & Congo's Patrice Lumumba

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Friends and enemies alike say Mr. Gottlieb was a kind of genius, striving to explore the frontiers of the human mind for his country, while searching for religious and spiritual meaning in his life. But he will always be remembered as the Government chemist who dosed Americans with psychedelics in the name of national security, the man who brought LSD to the C.I.A.

In the 1950's and early 1960's, the agency gave mind-altering drugs to hundreds of unsuspecting Americans in an effort to explore the possibilities of controlling human consciousness. Many of the human guinea pigs were mental patients, prisoners, drug addicts and prostitutes — "people who could not fight back," as one agency officer put it. In one case, a mental patient in Kentucky was dosed with LSD continuously for 174 days.

Other experiments involved agency employees, military officers and college students, who had varying degrees of knowledge about the tests. In all, the agency conducted 149 separate mind-control experiments, and as many as 25 involved unwitting subjects. First-hand testimony, fragmentary Government documents and court records show that at least one participant died, others went mad, and still others suffered psychological damage after participating in the project, known as MK-Ultra. The experiments were useless, Mr. Gottlieb concluded in 1972, shortly before he retired.

The C.I.A. awarded Mr. Gottlieb the Distinguished Intelligence Medal and deliberately destroyed most of the MKUltra records in 1973.

John Gittinger, a C.I.A. psychologist who vetted Mr. Gottlieb — "one of the most brilliant men I've ever known" — and worked with him for 22 years, said the agency began the tests because it was gripped by "a great fear" in the cold war. It was afraid that the Soviet Union would corner the market on LSD and use it as a chemical weapon or that China would perfect the black art of brainwashing, Mr. Gittinger said.

The agency and Mr. Gottlieb believed the United States had to fight by any means necessary.



Associated Press, 1977

Sidney Gottlieb

"We were in a World War II mode," Mr. Gittinger said. "The war never really ended for us."

John Marks, author of the definitive book on the experiments, "The Search for the 'Manchurian Candidate'" (Times Books, 1979) said Mr. Gottlieb was "unquestionably a patriot, a man of great ingenuity."

"Gottlieb never did what he did for inhumane reasons," Mr. Marks said. "He thought he was doing exactly

Dosing Americans with psychedelics for national security.

what was needed. And in the context of the time, who would argue? But with his experiments on unwitting subjects, he clearly violated the Nuremberg standards — the standards under which, after World War II, we executed Nazi doctors for crimes against humanity."

Sidney Gottlieb was born in New York City on Aug. 3, 1918, the son of immigrants from Hungary. His parents were orthodox Jews, but he did not embrace the faith. Mr. Gottlieb "had had a real problem to find a spiritual focus, having gone away from Jewishness," Mr. Gittinger said, and he experimented with everything from agnosticism to Zen Buddhism all his life.

He left the City College of New York, first for the Arkansas Polytechnic Institute, then for the University of Wisconsin, where he graduat-

ed, magna cum laude, with a chemistry degree in 1940. He earned a doctorate in biochemistry from the California Institute of Technology, where in 1942 he married Margaret Moore, the daughter of Presbyterian missionaries who served in India, where she was born. A clubfoot kept him from military service in World War II, and he was always bitter that he missed the war, Mr. Gittinger said.

Mr. Gottlieb joined the C.I.A. in 1951, although not before telling Mr. Gittinger, his interviewer, that he had been a socialist in his youth.

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"He was the most curious man I ever knew," Mr. Gittinger said. "He was willing to try anything to discover something."

Mr. Gottlieb was also involved in the C.I.A.'s assassination plots. In the Eisenhower and Kennedy Administrations, Mr. Gottlieb, always under orders from the Director of Central Intelligence or his chief spymaster, developed a poison handkerchief to kill an Iraqi colonel, an array of toxic gifts to be delivered to Fidel Castro, and a poison dart to kill a leftist leader in the Congo. None of the plans succeeded.

After he left the C.I.A., Mr. Gottlieb and his wife went to India, where he ran a leper hospital for 18 months. A lifelong stutterer, he pursued a master's degree in speech therapy. He bought land with an old log cabin outside a small Virginia town, Boston, where he practiced two of his lifelong hobbies, folk dancing and herding goats.

"He bought that old house and the land with the idea of setting up a communal home, with several families living together," said Mr. Gittinger, a lifelong friend. At least one other couple stayed for years.

Mr. Gottlieb spent his last years in Washington, Va., a pretty village in the foothills of the Blue Ridge mountains, working in a hospice, tending to the dying.

He is survived by his wife and four children, Penny Gottlieb Chesluk, Rachel Gottlieb Samoff, Peter Gottlieb and Steven Gottlieb. Cleaving to old habits of secrecy, his wife declined to disclose the cause of Mr. Gottlieb's death.

15/ x Fort Detrick Reborn! Hallelujah!

The US officially abandoned its biological weapons programme in 1969, but Fort Detrick has continued "defensive research" into deadly pathogens including Ebola virus, the plague & poisons like Ricin.

<https://t.co/BqahYJ06RX>

16/ x Anthrax at Fort Detrick

Bruce Ivins, was a senior biological weapons researcher at Fort Detrick. He killed himself in 2008, shortly before the FBI was planning to charge him with the 2001 anthrax attacks.

<https://t.co/ALnY6GqWlc>

17/ x

It is ironic that the culprit was a top government anthrax expert: Since 2001, US built many labs, spent over \$62 billion, & hired an army of researchers to prevent a 2nd bioterror attack. In effect, devoting 20 years to training & equipping hundreds of people like Ivins!



18/ x Some Refs:

Long Read on Ivins & Anthrax here: <https://t.co/jkh3QvdLVZ>

Medical Aspects of Biowarfare: <https://t.co/ckugrvRFwv>

Fort Detrick

<https://t.co/r5Z00rouUv>

<https://t.co/v8lqsWDIK1>

Ken Alibek

<https://t.co/sHqSaTSqtB>

<https://t.co/dg0XXTPu5P>

<https://t.co/Z2wl0bIYIF>