

FUN AND GAMES WITH *BACILLUS ANTHRACIS*



"They fight and fight and fight; they are fighting now, they fought before, and they'll fight in the future.... So you see, you can say anything about world history.... Except one thing, that is. It cannot be said that world history is reasonable."



— [Fyodor Mikhailovich Dostoevski](#)

NOTES FROM UNDERGROUND



"Fiddle-dee-dee, war, war, war,
I get so bored I could scream!"

—Scarlett O'Hara



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600 BCE

At the beginning of this century, as one story has it, during what we denominate the "First Sacred War," Solon of Athens employed hellebore as a biological weapon, poisoning the water supply of Kirra in Phocis, Central Greece, with this purgative while his forces were holding that village under siege.



BIOTOXINS

The Zend-Avesta made mention of cannabis's "intoxicating resin."



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1155 CE

A Papal Bull “Laudabiliter” by [Adrian IV](#) authorized Angevin Norman [King Henry II of England](#) to subdue [Ireland](#) for the greater glory of God.

READ THE FULL TEXT

Early in this year [Frederick I \(Barbarossa\)](#) contaminated water wells with human bodies and the bodies of animals at [Tortona, Italy](#), and razed the town — and would soon be acclaimed by [Pope Adrian IV](#) as the [Holy Roman Emperor](#) for the greater glory of God.

BIOTOXINS

Wace, an Anglo-Norman scholar, dedicated a poem in French, “Brut,” to Eleanor of Aquitaine. His poem recounted the story of Britain’s Trojan founder—a myth borrowed from Virgil—and introduced “Round Tables” and other Celtic imaginations into the Arthurian legend.

This planet’s oldest surviving terrain map produced by the use of printing was produced under the rule of the Shang dynasty monarch [Yang Jia](#) in [China](#). The map extended all the way to India, at a scale of 1:900,000.



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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1340

Dead horses and other animals were catapulted into the castle of Thun L'Eveque in Hainault (now northern France).¹ The defenders found that "the stink and the air were so abominable ... they could not long endure," and so a truce was arranged.



GERM WARFARE

To describe the nine centuries between the fall of Rome and that present era, Petrarch coined the term "Dark Ages."

In order to better punch through the flat steel armor then in use, the French and Italians began to use quarrels (crossbow bolts) having a square tip. This would be good for the armaments business, for the 1370s the armor makers of Europe would be replacing the old-style flat breastplates with angular ones that made it more likely

1. At about this point, the Chinese were attaching rockets to arrows, and launching them in volleys from special wheelbarrows.

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that a bolt would be deflected.

- of England; which lays the foundation of a long and desolating war between both nations.
- 1293 There is a regular succession of English parliaments from this year, being the 22d of Edward I.
- 1298 The present Turkish empire begins in Bithynia under Ottoman.
Silver-hafted knives, spoons, and cups, a great luxury.
Tallow candles so great a luxury, that splinters of wood were used for lights.
Wine sold only by apothecaries as a cordial.
- 1302 The mariner's compass invented, or improved, by Givia of Naples.
- 1307 The beginning of the Swiss cantons.
- 1308 The popes remove to Avignon, in France, for 70 years.
- 1310 Lincoln's Inn society established.
- 1314 The battle of Bannockburn, between Edward II. and Robert Bruce, which establishes the latter on the throne of Scotland.
The cardinals set fire to the conclave, and separate. A vacancy in the papal chair for two years.
- 1320 Gold first coined in Christendom; 1344, ditto in England.
- 1336 Two Brabant weavers settle at York, "which," says Edward III. "may prove of great benefit to us and our subjects."
- 1337 The first comet whose course is described with astronomical exactness.
- 1340 Gunpowder and Guns first invented by Swartz, a monk of Cologne; 1346, Edward III. had four pieces of cannon, which contributed to gain him the battle of Cressy; 1346, bombs and mortars were invented.
Oil-painting first made use of by John Vaneck.
Heralds college instituted in England.
- 1344 The first creation to titles by patents used by Edward III.
- 1346 The battle of Durham, in which David, king of Scots, is taken prisoner.
- 1349 The order of the garter instituted in England by Edward III. altered in 1557, and consists of 26 knights.

**ESSENCE IS BLUR. SPECIFICITY,
THE OPPOSITE OF ESSENCE,
IS OF THE NATURE OF TRUTH.**



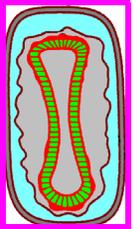
BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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1346

General [Jeffery Amherst](#)'s proposal of the use of the [small pox](#) virus in bio-warfare in America against non-white populations in 1763  is far from the 1st reported employment of such a tactic of warfare. For instance, in this year 1346, invaders "from the East," presumably Tartars, are reported to have attempted to spread not only terror but also the Black Death by catapulting the bodies of their [bubonic plague](#) victims over



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the Caffa city wall and onto the lanes and rooftops of this port on the Crimean peninsula in the Black Sea.²



GERM WARFARE



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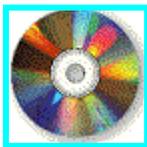
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**ESSENCES ARE FUZZY, GENERIC, CONCEPTUAL;
ARISTOTLE WAS RIGHT WHEN HE INSISTED THAT ALL TRUTH IS
SPECIFIC AND PARTICULAR (AND WRONG WHEN HE CHARACTERIZED
TRUTH AS A GENERALIZATION).**

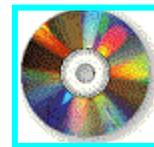
2. It has been of great interest to me that, in the cross-pollination of the New World and the Old World which occurred in the 16th Century, the normally inflexible statistical laws of epidemiology did not obtain. That is to say, one would have expected in accordance with the well-understood parameters of epidemiology that where the human populations were denser, and subject to greater rates of mixing, that is to say, in the national states of Europe, we should have seen a greater rate of mortality, and where the human populations were unquestionably, considerably less dense, and the barriers to mixing much greater, that is to say, in tribal North and Central America, we should have seen a lesser rate of mortality, while in fact precisely the opposite seems to have obtained. (This, to me, raises the specter that the recorded instance of General [Jeffery Amherst](#)'s proposal for [germ warfare](#) against the native populations was not unique, and not a precedent, but is simply the first case on current record of a long-standing tradition of European warfare against indigenous populations. And I am reminded here that it was Prime Minister [Winston Churchill](#)'s early experience of warfare against African indigenes which persuaded him as to the merits of germ warfare, upon which during WWII he became so insistent that the USA actually set up a germ bomb factory for him outside Terre Haute, Indiana. Try finding out about this germ bomb factory of WWII vintage by writing off to your government under the Freedom of Information Act, if you have no better way to waste your time — that manufacturing plant was managed for the US government by the local chapter of the Indiana Ku Klux Klan and some of my Long uncles and great-uncles worked in it. My point here is that we are commonly able to grasp that "instances of record" is merely a subset of "instances," except that in the case of outrageous accusations such as the accusation that white people commit genocide against non-white people there is considered to be no plausibility to the suspicion that there are likely to have been instances which were not placed upon the record.)



The received explanation for this curious history, as found in Jared Diamond's GUNS, GERMS, AND STEEL: THE FATES OF HUMAN SOCIETIES (NY: W.W. Norton, 1997, pages 196-7), is:



"The major killers of humanity throughout our recent history -[small pox](#), [influenza](#), [tuberculosis](#), [malaria](#), [plague](#), [measles](#), and [cholera](#)- are [infectious](#) diseases that evolved from diseases of animals, even though most of the microbes responsible for our own epidemic illnesses are paradoxically now almost confined to humans.... [They] evolved out of diseases of Eurasian herd animals that became domesticated. Whereas many such animals existed in Eurasia, only five animals of any sort became domesticated in the Americas [due to the] ... paucity of wild starting material."



- Jared Diamond, GUNS, GERMS, AND STEEL:
THE FATES OF HUMAN SOCIETIES
(NY: W.W. Norton, 1997, pages 196ff

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1422

At Karlstein in Bohemia, the decaying cadavers of men killed in battle were catapulted over the castle walls. The attackers were stockpiling animal manure in the hope of using it to spread illness. These attempts at bioterrorism failed and after five months, the siege had to be abandoned.

BIOTERRORISM

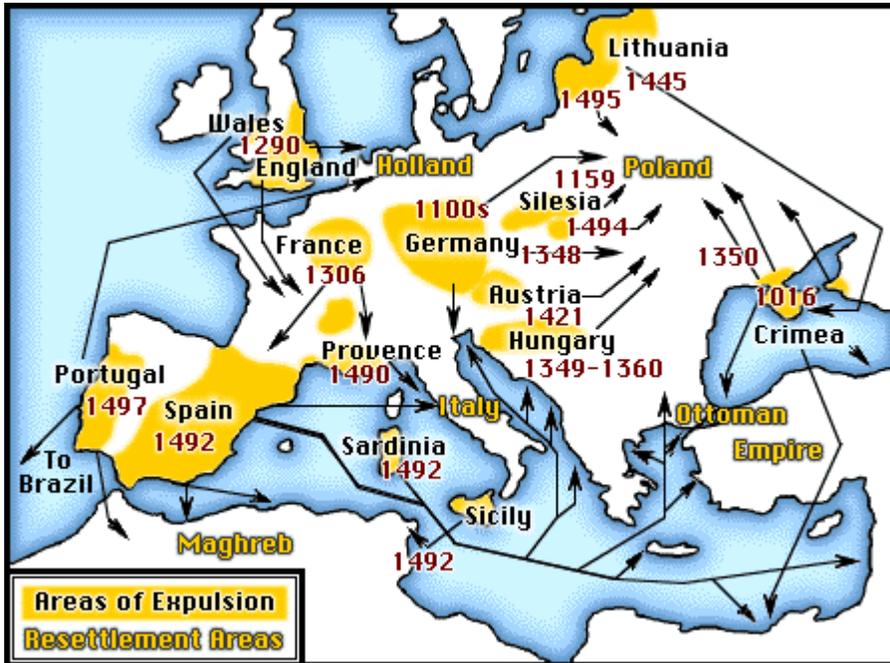


“HISTORICAL PERSPECTIVE” BEING A VIEW FROM A PARTICULAR POINT IN TIME (JUST AS THE PERSPECTIVE IN A PAINTING IS A VIEW FROM A PARTICULAR POINT IN SPACE), TO “LOOK AT THE COURSE OF HISTORY MORE GENERALLY” WOULD BE TO SACRIFICE PERSPECTIVE ALTOGETHER. THIS IS FANTASY-LAND, YOU’RE FOOLING YOURSELF. THERE CANNOT BE ANY SUCH THINGIE, AS SUCH A PERSPECTIVE.

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1495

Jews were expelled from Lithuania. By order, all Jews were to be gone from Portugal by 1497.



ANTISEMITISM

A [syphilis](#) epidemic spread outward from [Naples](#) to all of Europe.



When the Catholics of the Iberian Peninsula determined again to attack French Catholics on the Italian Peninsula, [Gonzalo Fernández de Córdoba y Aguilar](#) was put in command of the expedition and would achieve the sobriquet "*El Gran Capitán*." One of the tricks these Spanish Catholics played on their French Catholic enemies was, they mixed the blood of [leprosy](#) patients into wine that they then sold to their foes in [Naples](#).

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Hey, neat bioreligious trick!



Looking Just Grand

Charles VIII entered [Naples](#) and was crowned King of the Neapolitans. He then retreated to northern [Italy](#). Pope Alexander VI formed the Holy League which aimed at expelling Charles VIII from the peninsula. This alliance was defeated at the Battle of Fornovo. Ferdinand II reconquered [Naples](#). The French fleet was defeated at Rapallo, and the French army surrendered at Novara. The Holy League ended. Charles VIII returned to France. A peace was negotiated between Spain and France in [Italy](#), with Lodovico Sforza as its agent. This was the first indication of what would become a tradition of a balance of power in European politics.

HDT

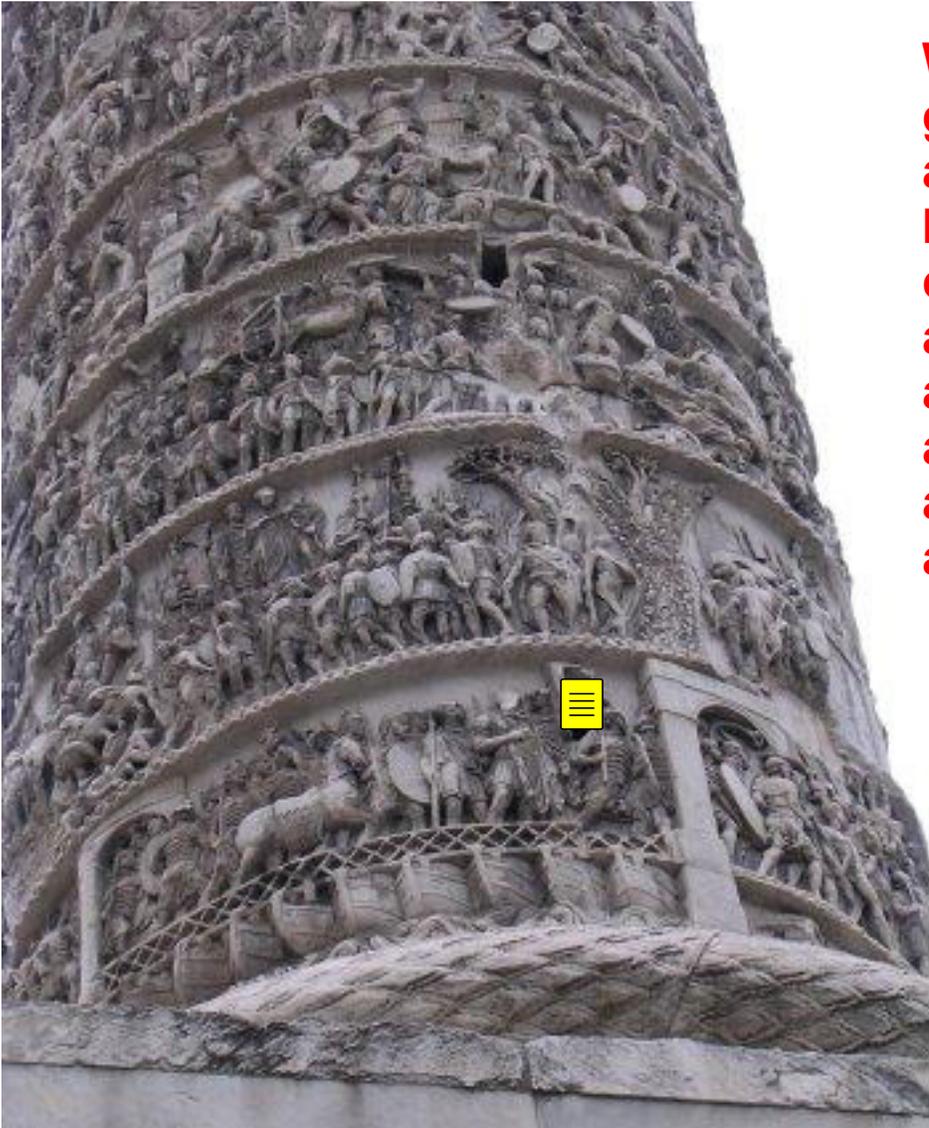
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**What
goes
around
keeps
coming
around
and
around
and
around...**



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1672

King Louis made war upon Holland and came close to overpowering it. The Dutch, under [William, Prince of Orange](#), would put up a heroic resistance, and become the ruler of the Netherlands. [Charles II of England](#) was Louis's pensioner, and England would until 1674 help the French in such attacks upon Holland. [John Evelyn](#) was involved in the commission for sick and wounded mariners and for prisoners of war, exposing himself to plague and incurring personal expenses for reimbursement of which he would still be petitioning in 1702.



During the siege of Groningen in the Netherlands, [incendiary devices were being fired that upon impact released belladonna, sulfur, and other compounds](#).



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1675

August 27, Friday (Old Style): During the siege of Groningen in the Netherlands in 1672, incendiary devices had been fired that upon impact released belladonna, sulfur, and other compounds. At a conference in Strasbourg, therefore, French forces and the forces of the Holy Roman Empire agreed that they would refrain from firing “poisoned bullets” at one another.

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1710

Russian troops catapulted the corpses of plague victims into Swedish cities.

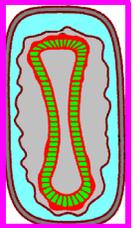
BIOTERRORISM

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1763

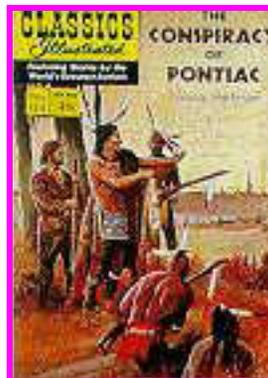
June 23, Thursday: [Joséphine de Beauharnais](#) was born in Martinique.

Colonel Henry Bouquet wrote to General Sir [Jeffery Amherst](#), indicating that he would be leading fresh troops to Fort Pitt because Captain Ecuyer there had reported an outbreak of the [small pox](#) among the soldiers stationed there.

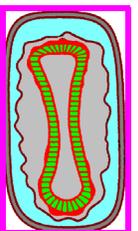


NEVER READ AHEAD! TO APPRECIATE JUNE 23D, 1763 AT ALL ONE MUST APPRECIATE IT AS A TODAY (THE FOLLOWING DAY, TOMORROW, IS BUT A PORTION OF THE UNREALIZED FUTURE AND IFFY AT BEST).

June 25, Saturday: Under the leadership of the Ottawa *sachem* Pontiac, the warriors of various tribes had allied with the French (who were always outnumbered by the English by at least 15 to 1 and who were relying upon their superior ability to gain the confidence of, and form military alliances with, the native American tribes) were operating according to guerrilla tactics. On this day Colonel Henry Bouquet wrote to General Sir [Jeffery Amherst](#) expressing the sentiment with regard to “those disaffected tribes of Indians,” that they were “Vermine,” and that they had “forfeited all claim to the rights of humanity.” He continued that “I would rather chuse the liberty to kill any Savage.”



The response of Colonel Bouquet, one of General Amherst’s primary field officers, would be the same as the response which would be made by the New England colonials during their genocide of 1675-1676, and the same as the response which would be made by General Andrew Jackson during his enslavement-raids in [Florida](#) among the Black Seminole bands, and the same as the response to guerrilla warfare which would be made by the US Cavalry under General George Armstrong Custer in 1868-1876, and the same as the response which would be made by [Adolf Hitler](#)’s *Wehrmacht* during its march across Poland in 1941.

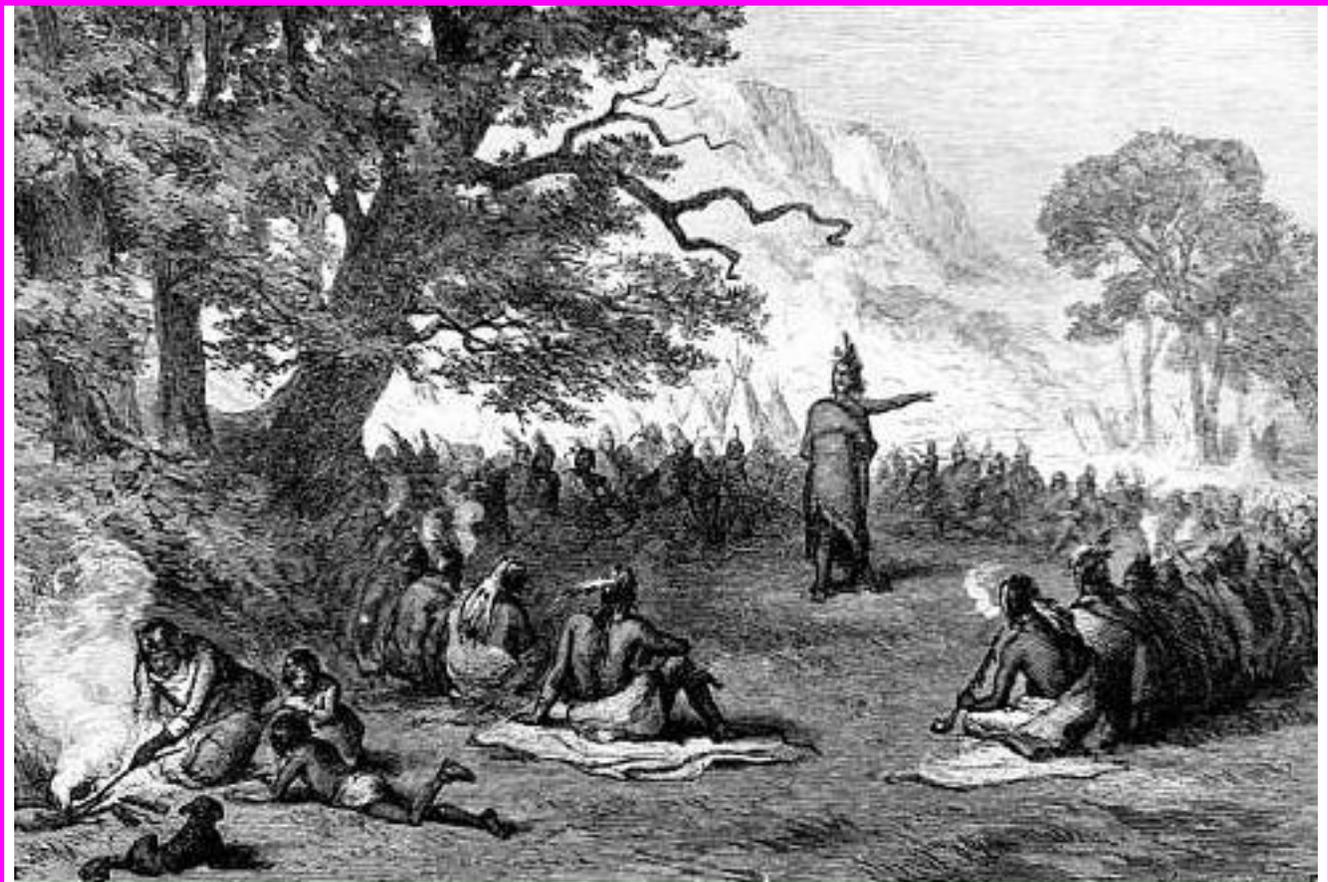


VARIOLA



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Which is to say, villages, crops, and orchards would be searched out and torched, and all nonwhite women and children who could be trapped in the process would immediately be executed.



Sir Jeffery also at this point took action to implement his [germ warfare](#) recommendation of 1732, by soliciting from his subordinate:

Could it not be contrived to Send the Small Pox among those Disaffected Tribes of Indians? We must on this occassion use every stratagem in our power to reduce them.

VARIOLA

In an article in the New York [Times](#) for April 11, 1998, OP-ED page A25, column 2, titled “Biological Warfare, Circa 1750,” Elizabeth A. Penn, a doctoral candidate in history at Yale, has alleged without citation that:

In fact, Amherst was wasting his ink, for the soldiers at Fort Pitt were well ahead of him. Without their commander’s prompting, they had given local Shawnee and Delaware Indians two infected blankets and a handkerchief on June 24.

The subordinate Bouquet did respond obediently that he would make the attempt with infected blankets, but

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feared he might infect his own men. The subordinate then proposed using “the Spanish method,” which was a combination of light horsemen and forest rangers with hunting dogs, to “effectually extirpate or remove that vermin” at smaller risk. General Amherst allowed his Colonel to proceed, although he did not himself consider the hunting dog angle to be practical. George Parkman stated in *THE CONSPIRACY OF PONTIAC* (Volume 2, pages 39-40 in the new Bison edition) that although an epidemic raged among the Ohio Indians “a few months after” the exchange of correspondence, he knew of no evidence that Colonel Bouquet actually had obeyed that [small pox](#) order.



“The man’s [Sir [Jeffery Amherst](#)] documentary record speaks loudly enough regarding his character, if not regarding his ultimate culpability for the [small pox](#) that struck Indians near Fort Pitt in 1763 and 1764.”

– Elizabeth A. Fenn,
“Biological Warfare in 18th-Century North America”



THE FALLACY OF MOMENTISM: THIS STARRY UNIVERSE DOES NOT CONSIST OF A SEQUENCE OF MOMENTS. THAT IS A FIGMENT, ONE WE HAVE RECOURSE TO IN ORDER TO PRIVILEGE TIME OVER CHANGE, A PRIVILEGING THAT MAKES CHANGE SEEM UNREAL, DERIVATIVE, A MERE APPEARANCE. IN FACT IT IS CHANGE AND ONLY CHANGE WHICH WE EXPERIENCE AS REALITY, TIME BEING BY WAY OF RADICAL CONTRAST UNEXPERIENCED — A MERE INTELLECTUAL CONSTRUCT.

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THERE EXISTS NO SUCH THING AS A MOMENT. NO “INSTANT” HAS EVER FOR AN INSTANT EXISTED.

July 9, Saturday: The Mozart family arrived in Ludwigsburg hoping to play for Karl Eugen, Duke of Württemberg — unfortunately, he was not there.

Olimpiade, an opera seria by Antonio Sacchini to words of Metastasio, was performed for the initial time, in the Teatro Nuovo of Padua. This was a glittering success and would lead to more performances throughout [Italy](#).

The rebuilt Kärntnertortheater opened in Vienna (the old structure had burned during November 1761).

General Sir [Jeffery Amherst](#) wrote to Sir William Johnson, Superintendent of the Northern Indian Department, about the “disaffected tribes,” indicating “Measures to be taken as would Bring about the Total Extirpation of those Indian Nations.”

VARIOLA

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"The Whites, by law of conquest, by justice of civilization, are masters of the American continent, and the best safety of the frontier settlers will be secured by the total annihilation of the few remaining Indians."

- Lyman Frank Baum, author of the Oz books



BETWEEN ANY TWO MOMENTS ARE AN INFINITE NUMBER OF MOMENTS, AND BETWEEN THESE OTHER MOMENTS LIKEWISE AN INFINITE NUMBER, THERE BEING NO ATOMIC MOMENT JUST AS THERE IS NO ATOMIC POINT ALONG A LINE. MOMENTS ARE THEREFORE FIGMENTS. THE PRESENT MOMENT IS A MOMENT AND AS SUCH IS A FIGMENT, A FLIGHT OF THE IMAGINATION TO WHICH NOTHING REAL CORRESPONDS. SINCE PAST MOMENTS HAVE PASSED OUT OF EXISTENCE AND FUTURE MOMENTS HAVE YET TO ARRIVE, WE NOTE THAT THE PRESENT MOMENT IS ALL THAT EVER EXISTS — AND YET THE PRESENT MOMENT BEING A

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MOMENT IS A FIGMENT TO WHICH NOTHING IN REALITY CORRESPONDS.

July 7, Thursday: In a memorandum that seems to be a postscript to a letter of this date from General Sir [Jeffery Amherst](#) to Colonel Henry Bouquet, the following was proposed: “Could it not be contrived to Send the Small Pox among those Disaffected Tribes of Indians? We must, on this occasion, Use Every Stratagem in our power to Reduce them.”



VARIOLA

FIGURING OUT WHAT AMOUNTS TO A “HISTORICAL CONTEXT” IS WHAT THE CRAFT OF HISTORICIZING AMOUNTS TO, AND THIS NECESSITATES DISTINGUISHING BETWEEN THE SET OF EVENTS THAT MUST HAVE TAKEN PLACE BEFORE EVENT E COULD BECOME POSSIBLE, AND MOST CAREFULLY DISTINGUISHING THEM FROM ANOTHER SET OF EVENTS THAT COULD NOT POSSIBLY OCCUR UNTIL SUBSEQUENT TO EVENT E.

Biochemical Warfare
Biochemical Warfare

“Stack of the Artist of Kouroo” Project
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BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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July 13, Wednesday: Colonel Henry Bouquet wrote to General Sir [Jeffery Amherst](#) and in a postscript suggested proposing [germ warfare](#) by distribution of [small pox](#) blankets, evidently from the outbreak that had recently occurred among the soldiers at Fort Pitt, to “inoculate the Indians.”

YOU HAVE TO ACCEPT EITHER THE REALITY OF TIME OVER THAT OF CHANGE, OR CHANGE OVER TIME — IT’S PARMENIDES, OR HERACLITUS. I HAVE GONE WITH HERACLITUS.

Biochemical Warfare

“Stack of the Artist of Kouroo” Project

Biochemical Warfare

“Stack of the Artist of Kouroo” Project



BIOCHEMICAL WARFARE

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July 16, Saturday: General Sir [Jeffery Amherst](#) wrote to Colonel Henry Bouquet and in a postscript approved his plan for [germ warfare](#) by distribution of [small pox](#) blankets to “inoculate the Indians.” He suggested as well that they ought “to try Every other method that can serve to Extirpate this Execrable Race.”



You will do well to try to inoculate the Indians by means of blankets in which smallpox patients have slept, as well as by every other method that can serve to extirpate this execrable race. I should be very glad if your scheme of hunting them down by dogs could take effect.

Several months earlier Captain Simeon Ecuyer, the besieged commander at Fort Pitt during Pontiac’s War, had already attempted precisely this germ maneuver. William Trent, a local militia leader and fur-trader, described the attempt in his journal: “... we gave them two Blankets and an Handkerchief out of the Small Pox Hospital. I hope it will have the desired effect.” However, Captain Ecuyer’s attempt at red genocide had been utterly ineffective, because, as we now realize, it is rather more difficult to transmit the smallpox bacillus in this manner than they had been contemplating, due to it drying out so quickly and becoming inactive (to achieve ready transmission it needs to remain moist and warm, and thus it is best transmitted by coughing within an enclosed space).³

July 26, Tuesday: Colonel Henry Bouquet wrote to General Sir [Jeffery Amherst](#) acknowledging his approval of plans for native American genocide and stating that “all your Directions will be observed.”

VARIOLA

3. Need I point out that General Amherst’s feckless proposal was hardly a **first**? It has been of great interest to me that, in the cross-pollination of the New World and the Old World which occurred in the 16th Century, the normally inflexible statistical laws of epidemiology did not obtain. That is to say, one would have expected in accordance with the well-understood parameters of epidemiology that where the human populations were denser, and subject to greater rates of mixing, that is to say, in the national states of Europe, we should have seen a greater rate of mortality, and where the human populations were unquestionably, considerably less dense, and the barriers to mixing much greater, that is to say, in tribal North and Central America, we should have seen a lesser rate of mortality, while in fact precisely the opposite seems to have obtained. (This, to me, raises the specter that the recorded instance of General Amherst’s proposal for germ warfare against the native populations was not unique, and not a precedent, but is simply one early record of a long-standing tradition of European germ warfare against indigenous populations. And I am reminded here that it was Prime Minister [Winston Churchill](#)’s early experience of warfare against African indigenes which persuaded him as to the merits of germ warfare, upon which during WWII he became so insistent that the USA actually set up a germ bomb factory for him outside Terre Haute, Indiana. Try finding out about this germ bomb factory of WWII vintage by writing off to your government under the Freedom of Information Act, if you have no better way to waste your time — that manufacturing plant was managed for the US government by the local chapter of the Indiana Ku Klux Klan and some of my Long uncles and great-uncles worked in it. My point here is that we are commonly able to grasp that “instances of record” is merely a subset of “instances,” except that in the case of outrageous accusations such as the accusation that white people commit genocide against non-white people there is considered to be no plausibility to the suspicion that there are likely to have been instances which were not placed upon the record.)

GERM WARFARE



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August 7, Sunday: General Sir [Jeffery Amherst](#) wrote to George Croghan, Deputy Agent for Indian Affairs, expressing an attitude toward native Americans in general that “their Total Extirpation is scarce sufficient Attonement.”

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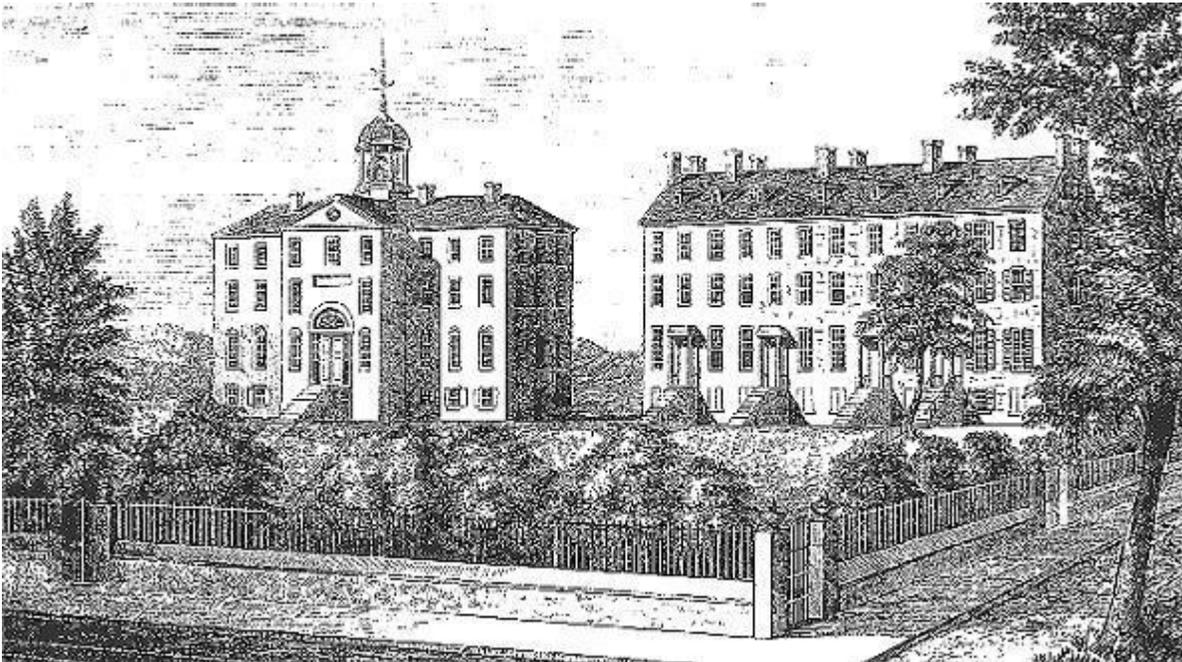
BIOCHEMICAL WARFARE

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August 27, Saturday: General Sir [Jeffery Amherst](#) wrote to Sir William Johnson, Superintendent of the Northern Indian Department, expressing that his intention with regard to native Americans in general was to “put a most Effectual Stop to their very Being.”

[VARIOLA](#)

General Amherst had at this point risen to be Commander-in-Chief of all British forces in North America.



Amherst College

CONTINGENCY

ALTHOUGH VERY MANY OUTCOMES ARE OVERDETERMINED, WE TRUST THAT SOMETIMES WE ACTUALLY MAKE REAL CHOICES. “THIS IS THE ONLY WAY, WE SAY, BUT THERE ARE AS MANY WAYS AS THERE CAN BE DRAWN RADII FROM ONE CENTRE.”



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Winter: In an epidemic of unknown nature, 222 of the remaining 358 *Wampanoag* of Nantucket Island died.

**YOUR GARDEN-VARIETY ACADEMIC HISTORIAN INVITES YOU TO CLIMB ABOARD A HOVERING TIME MACHINE TO SKIM IN METATIME BACK ACROSS THE GEOLOGY OF OUR PAST TIMESLICES, WHILE OFFERING UP A GARDEN VARIETY OF COGENT ASSESSMENTS OF OUR PROGRESSION. WHAT A LOAD OF CRAP! YOU SHOULD REFUSE THIS HELICOPTERISH OVERVIEW OF THE HISTORICAL PAST, FOR IN THE REAL WORLD THINGS HAPPEN ONLY AS THEY HAPPEN. WHAT THIS SORT WRITES AMOUNTS, LIKE MERE “SCIENCE FICTION,” MERELY TO “HISTORY FICTION”:
IT’S NOT WORTH YOUR ATTENTION.**

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1781

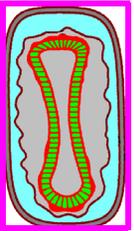
July 13, Friday: The British had had a long-standing policy of promising after-war freedom to any able-bodied American black slaves who would do wartime heavy lifting for the army of occupation in what were known as "Black Pioneer" brigades. On this date General Alexander Leslie wrote to General Charles Cornwallis:

Above 700 Negroes are come down the River in the Small Pox. I shall distribute them about the Rebell Plantations.

AMERICAN REVOLUTION

For the final defeat of the besieged army under General Cornwallis at Yorktown, the revolutionary forces had made use of funds collected from people living in the area of the present states of Texas, New Mexico, Arizona, and California, which were at that time part of Mejico. This siege at Yorktown in which the British finally were defeated had been planned by Captain Francisco de Saavedra and had involved expenditure not only of £500,000 from Cuba but also of £1,000,000 donated to the Continental Congress by King Carlos of Spain. During the withdrawal of the army, pursuing revolutionaries began to notice numbers of sick or dying blacks along the sides of the road and very correctly began to suspect that germ warfare was being conducted against them:

Within these days past, I have marched by 18 or 20 Negroes that lay dead by the way-side, putrifying with the small pox ... [abandoned by the Brits to] spread smallpox thro' the country.



VARIOLA

The comment that has been made about this by Elizabeth A. Fenn, writing on the topic of biological warfare

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for the New York Times on April 11, 1998, OP-ED page A25, column 5, is:



Not only did the British perpetrate biological warfare, but they used desperate slaves to commit the deed.

Dr. Thacher, surgeon in Scammel's regiment, in his description of this siege, would write: "The labor on the Virginia plantations is performed altogether by a species of the human race cruelly wrested from their native country, and doomed to perpetual bondage, while their masters are manfully contending for freedom and the natural rights of man. Such is the inconsistency of human nature." After the surrender at Yorktown, some 1,800 slaves would be collected by the revolutionary forces and restored to their American masters. Well was it said by Dr. Barnes, in his late work on Slavery: "No slave was any nearer his freedom after the surrender of Yorktown than when Patrick Henry first taught the notes of liberty to echo among the hills and vales of Virginia." On the basis of this sad history of human abuse of humans, in 1847 Friend [John Greenleaf Whittier](#) would write:

YORKTOWN.

FROM Yorktown's ruins, ranked and still,
Two lines stretch far o'er vale and hill:
Who curbs his steed at head of one?
Hark! the low murmur: Washington!
Who bends his keen, approving glance,
Where down the gorgeous line of France
Shine knightly star and plume of snow?
Thou too art victor, Rochambeau!

The earth which bears this calm array
Shook with the war-charge yesterday,

Ploughed deep with hurrying hoof and wheel,
Shot-sown and bladed thick with steel;
October's clear and noonday sun
Paled in the breath-smoke of the gun,
And down night's double blackness fell,
Like a dropped star, the blazing shell.

Now all is hushed: the gleaming lines
Stand moveless as the neighboring pines;
While through them, sullen, grim, and slow,
The conquered hosts of England go:
O'Hara's brow belies his dress,
Gay Tarleton's troop rides bannerless:
Shout, from thy fired and wasted homes,
Thy scourge, Virginia, captive comes!

Nor thou alone: with one glad voice
Let all thy sister States rejoice;
Let Freedom, in whatever clime
She waits with sleepless eye her time,
Shouting from cave and mountain wood
Make glad her desert solitude,
While they who hunt her quail with fear;
The New World's chain lies broken here!

But who are they, who, cowering, wait
Within the shattered fortress gate?
Dark tillers of Virginia's soil,

HDT

WHAT?

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BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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Classed with the battle's common spoil,
With household stuffs, and fowl, and swine,
With Indian weed and planters' wine,
With stolen beeves, and foraged corn, —
Are they not men, Virginian born?

Oh, veil your faces, young and brave!
Sleep, Scammel, in thy soldier grave!
Sons of the Northland, ye who set
Stout hearts against the bayonet,
And pressed with steady footfall near
The moated battery's blazing tier,
Turn your scarred faces from the sight,
Let shame do homage to the right!

Lo! fourscore years have passed; and where
The Gallic bugles stirred the air,
And, through breached batteries, side by side,
To victory stormed the hosts allied,
And brave foes grounded, pale with pain,
The arms they might not lift again,
As abject as in that old day
The slave still toils his life away.

Oh, fields still green and fresh in story,
Old days of pride, old names of glory,
Old marvels of the tongue and pen,
Old thoughts which stirred the hearts of men,
Ye spared the wrong; and over all
Behold the avenging shadow fall!
Your world-wide honor stained with shame, —
Your freedom's self a hollow name!

Where's now the flag of that old war?
Where flows its stripe? Where burns its star?
Bear witness, Palo Alto's day,
Dark Vale of Palms, red Monterey,
Where Mexic Freedom, young and weak,
Fleashes the Northern eagle's beak;

Symbol of terror and despair,
Of chains and slaves, go seek it there!

Laugh, Prussia, midst thy iron ranks!
Laugh, Russia, from thy Neva's banks!
Brave sport to see the fledgling born
Of freedom by its parent torn!
Safe now is Speilberg's dungeon cell,
Safe drear Siberia's frozen hell:
With Slavery's flag o'er both unrolled,
What of the New World fears the Old?

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1797

Venice fell under Austrian control (this would continue until 1805). [Napoléon Bonaparte](#) emancipated the [Jews](#) of Venice (in the course of his campaigns across Europe, Napoleon would replace the kingdoms he conquered with republics and [Jews](#) would be set free from the ghettos).

In order to generate this liberalism and human freedom and dignity, [Napoléon](#) needed of course to be in charge — so he ordered his soldiers to enhance the spread of [malaria](#) by flooding the plains around Mantua, Italy.

BIOTERRORISM

[Giacomo Costantino Beltrami](#) left Bergamo to become a soldier of the Repubblica Cisalpina, the affiliation of which was with France rather than [Italy](#).





BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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1836

 [Isaac-Farwell Holton](#), Roswell Dwight Hitchcock, and Alexander Hamilton Bullock graduated from Amherst Academy in Massachusetts (named in honor of racist proponent of [germ warfare](#) Lord [Jeffery Amherst](#) and intended for the education of “indigent young men of promising talents and hopeful piety, who shall manifest a desire to obtain a liberal education with a sole view to the Christian ministry.” Along with Asa Gray, he would study natural history under Dr. John Torrey, Professor in the College of Physicians and Surgeons. He would enroll at the Union Theological Seminary in New-York.



**THE AGE OF REASON WAS A PIPE DREAM, OR AT BEST A PROJECT.
ACTUALLY, HUMANS HAVE ALMOST NO CLUE WHAT THEY ARE DOING,
WHILE CREDITING THEIR OWN LIES ABOUT WHY THEY ARE DOING IT.**

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1864

[Dr. Luke Pryor Blackburn](#), a Confederate sympathizer, arrived in Bermuda from Halifax, Nova Scotia and began to care for the people there who were suffering under an epidemic of the [yellow fever](#). He refused all payment. The good doctor stayed, however, to help out, only for a month, and when he returned home he carried along with him, curiously, 3 trunks packed full of the clothing of the sufferers, their dirty poultices, their soiled blankets and sheets. Many of the items Dr. Blackburn had collected were stained with the black vomit, the dried blood that sufferers from the yellow fever would cough up.



The good doctor was hoping he would be able to use these materials to start an epidemic in [New-York](#) and other northern cities, and in southern cities occupied by federal troops (fortunately, this early effort at biological warfare was entirely ineffective because, as we now understand, yellow fever cannot be communicated by contact with objects).

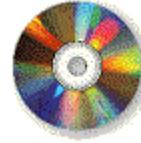
BIOTERRORISM



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"For what it's worth, after the attack on Pearl Harbor, [Winston Churchill](#) told the American people, "We didn't come this far because we are made of sugar candy," and that reminder was taken seriously. We proceeded to develop and deliver the time bomb, the bomb. Even though roughly 150,000 men women and children perished in Hiroshima and Nagasaki, with a single blow [WWII](#) was over. Following New York's September 11 Pearl Harbor [Winston Churchill](#) was not here to remind us. That we didn't come this far because we're made of sugar candy.



So, we mustered our humanity. We gave old pals a pass. Even though men and women from Saudi Arabia were largely responsible for the devastation of New York, and Pennsylvania and our [Pentagon](#), we called Saudi Arabians our partners against terrorism and we sent men with rifles into Afghanistan and Iraq, and kept our best weapons in their silos. Even now, we stand there dying. Daring to do nothing decisive because we've declared ourselves to be better than our terrorist enemies. More moral, more civilized. Our image is at stake, we insist. But we didn't come this far because we're made of sugar candy. Once upon a time, we elbowed our way onto and across this continent by [giving smallpox-infected blankets to Native Americans](#). That was [biological warfare](#). And we used every other weapon we could get our hands on to grab this land from whomever. And we grew prosperous. And yes, we greased the skids with the sweat of slaves. So it goes with most great nation-states, which -feeling guilty about their savage pasts- eventually civilize themselves out of business and wind up invaded and ultimately dominated by the lean, hungry up-and-coming who are not made of sugar candy.

- Disney/ABC radio personality Paul Harvey, expressing family values on June 23, 2005

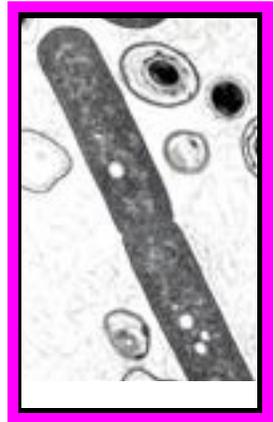


However, the US consul in Bermuda, a Mr. Allen, had been informed of these suspicious activities, and the matter had come up at a public meeting. One person at that meeting was secretly a sympathizer with the Southron cause, attempting to protect and defend human slavery, so he signaled to the man who had charge of the three trunks, a Mr. Swan. Swan was preparing to burn the collected materials, in order to destroy the evidence of these bioterrorism activities, when the authorities broke in upon him.⁴

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1915

Robert Koch, a German bacteriologist, had isolated the [anthrax](#) bacillus in 1876. During this year and the following one, German secret agents would be operating in Romania and in the USA in a campaign of bio warfare against livestock, attempting to spread [glanders](#) and [anthrax](#) not only through pouring bacteria cultures into animal feed but also through needle injection.



Calvin Bridges identified strains of mutant fruit flies with extra pairs of wings (decades later, these strains would help biologists understand the Hox genes that control the head-to-toe anatomy of widely varying animals).

THE TASK OF THE HISTORIAN IS TO CREATE HINDSIGHT WHILE INTERCEPTING ANY ILLUSION OF FORESIGHT. NOTHING A HUMAN CAN SEE CAN EVER BE SEEN AS IF THROUGH THE EYE OF GOD.

Biochemical Warfare

“Stack of the Artist of Kouroo” Project

4. We have known since 1901 that this plot would have failed even had it not been discovered and intercepted, because we learned that the yellow fever is spread by infected mosquitoes, not by any contact with contaminated articles. However, when you think about the US Civil War, you should factor into your thinking the fact that had the Southron seceding states been able to figure out the details of [germ warfare](#), the outcome of this strife and the trajectory of our nation would have been entirely different.



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

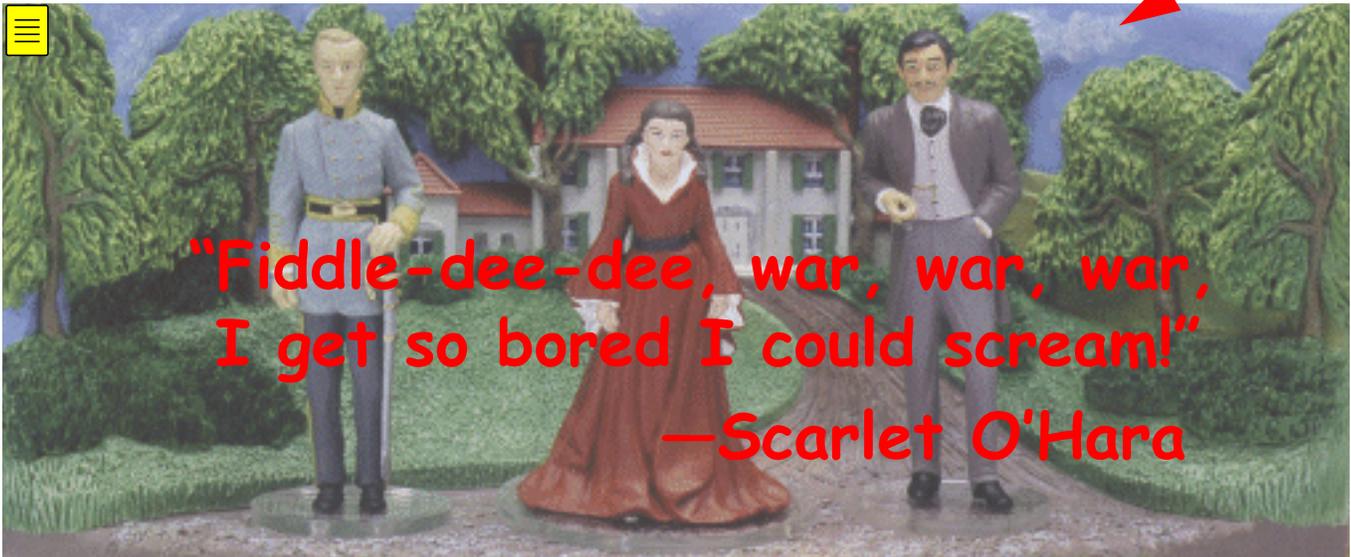
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April 22, Thursday: At 5:00PM the [Germans](#) used [poison gas](#) for the 1st time in the war, at Ypres. They send a cloud of chlorine toward the 45th French Reserve division who promptly ran in horror to the rear. The gap in the allied line was plugged by the First Canadian Division after the [Germans](#) gained five kilometers south toward the town.

WORLD WAR I

The German chemist who had developed this gas, Fritz Haber, personally oversaw the attack.⁵

poison gas



5. It is an interesting footnote to history that soon afterward his wife Clara Haber, also a chemist, would at a dinner party in tribute to her husband's involvement in the slaughter shoot herself through the heart with his service weapon, that in 1918 Herr Haber would be awarded a Nobel prize as a benefactor of humanity for having developed in 1913 a technique for the cheap manufacture of ammonia fertilizer from the hydrogen and nitrogen in the air, that during the 1920s he would develop the [Zyklon](#) gas that would be used to poison Jews in German concentration camps, and that in 1934 he would be forced out of Germany because, despite his early conversion to Christianity, and despite his wholehearted service to their cause, the Nazis would consider him to be still "racially" a Jew.



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1916

British concern over prostitutes who were providing [cocaine](#) to their soldier customers contributed to the passage of a “Defense of the Realm Act.”



Although this Act was primarily intended to curb military and domestic use of [cocaine](#), it in addition enacted controls over [opium](#).

The [German](#) secret agents who in the previous year had begun operations in Romania and in the USA, waging a campaign of biowarfare against the enemy livestock, began to stage their attacks also in Argentina, in Spain, and in Norway. The dates and details of this operation are now obscure, as in fact they obtained no significant results from their attempts to pour bacteria cultures on animal feed and to administer needle injections to the domestic livestock. All we know for sure is that various attempts, over the following three-year period, would



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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be prosecuted with great determination.

BIOTERRORISM
WORLD WAR I



Two duckbill dinosaur fossils possessing extremely rare skin impressions were sunk to the bottom of the Atlantic Ocean, when a German warship fired upon the vessel carrying them.

DO I HAVE YOUR ATTENTION? GOOD.

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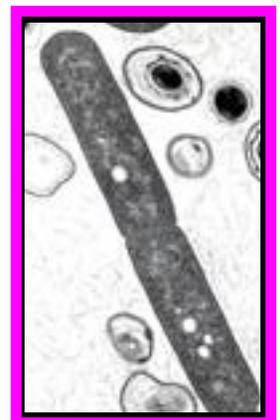
1917

January: The printers at Doves Press, a press named after a nearby old pub, had become sensitized to each other. Their dispute centered on future use of the [Doves Font](#) typeface they had designed for their fine books.

Their partnership dissolution documents called for the Doves Type to pass to one upon the death of the other, but rather than allowing this to happen the punches and matrices from which the type had been cast had been destroyed in 1913, and on this date one of the partners cast the last of the actual blocks of lead/antimony from the nearby Hammersmith Bridge in [London](#) into the [Thames River](#). There had about a tonne (British ton) of lead/antimony to dispose of and this was the final midnight expedition, of some 170 such expeditions to the bridge. He would inform people involved in his press, mysteriously, that he had “bequeathed” the font to the Thames. His surviving widow would need to pay some £700 to settle a lawsuit. Some 150 pieces of the actual type would be recovered from the riverbank and shallow waters next to the bridge, in 2015, and from these and the published books of this press, the Doves Type typeface would be recreated and would be distributed by Typespec and retailed by MyFonts.

Robert Koch, a German bacteriologist, had isolated the [anthrax](#) bacillus in 1876. For the past couple of years, German secret agents had been operating in Romania and in the USA in a campaign of biowarfare against livestock, attempting to spread [glanders](#) and [anthrax](#) not only through pouring bacteria cultures into animal feed but also through needle injection. In Karasjok, a town of northeastern Norway, during this month, Baron Otto Karl von Rosen was apprehended as in the possession of a number of factory-sealed soup tins containing not soup but explosives. In his luggage, curiously, were discovered also 19 rough lumps of [sugar](#). Two of these lumps have been preserved at the police museum in Trondheim, Norway, and we can note that a small hole is bored in each one, and in one of these preserved lumps, a glass capillary tube, sealed at the end, is embedded. Tested eighty years later, the [anthrax](#) inside the capillary tube still remained deadly. Presumably the baron had been intending to interfere in the course of the war by feeding these sugar cubes to the local beasts of burden, such as horses and reindeer. Presumably the animals would have gratefully accepted the sugar lumps, and munched on them. Had he succeeded in his [German](#) germ warfare mission, it is likely that the outbreak would have killed not only these beasts, but also a number of humans.

WORLD WAR I
GERM WARFARE



“NARRATIVE HISTORY” AMOUNTS TO FABULATION,



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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THE REAL STUFF BEING MERE CHRONOLOGY

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1918

When the War to End All War ended, [Germany](#) was broken by the Treaty of Versailles. The Weimar Republic was founded. Austria overthrew its emperor and became a republic. However, the important lesson that people were to take away from all this was the overriding vision, that Germans are evil.



Never under any circumstance should you ever trust any German.



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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[President Woodrow Wilson](#) created his “Fourteen Points.”

[READ THE FULL TEXT](#)

Great Britain created its client state of Iraq.

Righteousness simply abounded.

[Adolf Hitler](#) would later describe his experience during this year, with British chemical warfare:

The British used the yellow gas whose effect was unknown to us, at least from personal experience. I was destined to experience it that very night.

Towards morning I also began to feel pain. It increased with every quarter of an hour; and about seven o'clock my eyes were scorching as I staggered back and delivered the last dispatch I was destined to carry in this war. A few hours later my eyes were like glowing coals and all was darkness around me.

During the last few days I had begun to feel somewhat better. The burning pain in the eye-sockets had become less severe. Gradually I was able to distinguish the general outlines of my immediate surroundings. And it was permissible to hope that at least I would recover my sight sufficiently to be able to take up some profession later on. That I would ever be able to draw or design once again was naturally out of the question.

And, finally, almost in the last few days of that titanic struggle, when the waves of poison gas enveloped me and began to penetrate my eyes, the thought of becoming permanently blind unnerved me; but the voice of conscience cried out immediately: Poor miserable fellow, will you start howling when there are thousands of others whose lot is a hundred times worse than yours? And so I accepted my misfortune in silence, realizing that this was the only thing to be done and that personal suffering was nothing when compared with the misfortune of one's country.

[WORLD WAR I](#)

The fact that he had himself been poison-gassed may have had something to do with his willingness to [poison-gas](#) the Jews, for in *MEIN KAMPF* (MY STRUGGLE) he would comment indignantly that:

If twelve or fifteen thousand of these Jews who were corrupting the nation had been forced to submit to poison-gas, just as hundreds of thousands of our best German workers from every social stratum and from every trade and calling had to face it in the field, then the millions of sacrifices made at the front would not have been in vain.

[ANTISEMITISM](#)

IT IS NO COINCIDENCE THAT IT IS MORTALS WHO CONSUME OUR

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**HISTORICAL ACCOUNTS, FOR WHAT WE ARE ATTEMPTING TO DO IS
EVADE THE RESTRICTIONS OF THE HUMAN LIFESPAN. (IMMORTALS,
WITH NOTHING TO LIVE FOR, TAKE NO HEED OF OUR STORIES.)**

October 12, Saturday: Great Britain recognized the control of the Polish National Committee over the Polish army in France (this transformed the Polish National Committee into a government-in-exile).

WORLD WAR I

October 13, Sunday: Allied troops occupied Tripoli.

WORLD WAR I

Adolf Hitler was poison-gassed near Ypres.



"Our prayer is: Lord God, let us never hesitate, let us never play the coward, let us never forget the duty which we have taken upon us."

— Adolf Hitler, March 1933



WORLD WAR II
GERMANY

The fact that he had himself been poison-gassed may have had something to do with his willingness to poison-gas the Jews, for in *MEIN KAMPF* (MY STRUGGLE) he would comment indignantly that:

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ANTISEMITISM

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A forest fire during the dry season, beginning with sparks thrown off by a train at Milepost 62 on the Great Northern tracks between Duluth and Hibbing and whipped by winds of 80 to 90 miles per hour, would over four days destroy 38 towns such as Brookston, Carlton, Corona, Adolph, Thomson, Arnold, Wright, Barnum, and Moose Lake, Minnesota and reach even beyond the city limits of Duluth, burning all the way up to Superior Street at about 38th Avenue East. Cloquet, about 10 miles outside Duluth, lost a huge lumber and pulp mill as its entire shed inventory of seasoned and unseasoned lumber fed the fury of the flames. The fire front moved sometimes as fast as 2.3 miles per hour and the total energy released would have amounted to some 10 Hiroshima-size atom bombs. There would be 453 burning deaths, with 85 more people very badly burned. In addition, 106 would perish of influenza and pneumonia, 11,382 families were displaced, 52,371 people suffered various injuries, 4,089 homes and 6,366 barns were destroyed, and 41 school buildings were consumed. Here some corpses are being removed for burial from a farm root cellar the flames had passed over:



The state’s timber harvest had peaked in 1900 at about 7 million cords; by 1910, the white pine had essentially been gone. This big fire burned a whole lot of what was left. In 1924, the last log drive would be held on the St. Louis and Cloquet rivers.

HISTORY’S NOT MADE OF WOULD. WHEN SOMEONE REVEALS, FOR INSTANCE, THAT IN THE FUTURE HITLER HAVING BEEN HIMSELF

6. A Kellam family memory is that burning embers were falling into the open-sided touring sedan of the Fisk family as they were taking the four Kellams to shelter five miles from their home and drugstore at 60th Avenue East. Carefully pointing out that this was before his earliest memories, John R. Kellam recounts: “We had wet blankets over us in the back seat, and our parents beat out the embers with wet rags as we bumped along the dirt road.”

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POISON-GASSED WOULD IN THE FUTURE BE WILLING TO USE POISON GAS ON OTHERS, S/HE DISCLOSES THAT WHAT IS BEING CRAFTED IS NOT REALITY BUT PREDESTINARIANISM. NOT JUST EVERYBODY WHO GETS POISON-GASSED GOES ON TO DO THEIR OWN POISON-GASSING! THE RULE OF REALITY IS THAT THE FUTURE HASN'T EVER HAPPENED, YET.



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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1923

Fritz Lenz became chair of *Rassenhygiene* at München, [Germany](#).

NAZISM

Lenz's *GRUNDRISS DER MENSCHLICHE ERBLICHKEITSLEHRE UND RASSENHYGIENE* (with Erwin Bauer and Eugen Fischer).

EUGENICS

Race hygiene for Germany!

At the French National Chemical Laboratory, a [germ warfare](#) experiment was conducted in which some bombs containing pathogen organisms were detonated above a field of livestock just a few miles outside Paris. Many of the animals, the French were pleased to discover, succumbed.

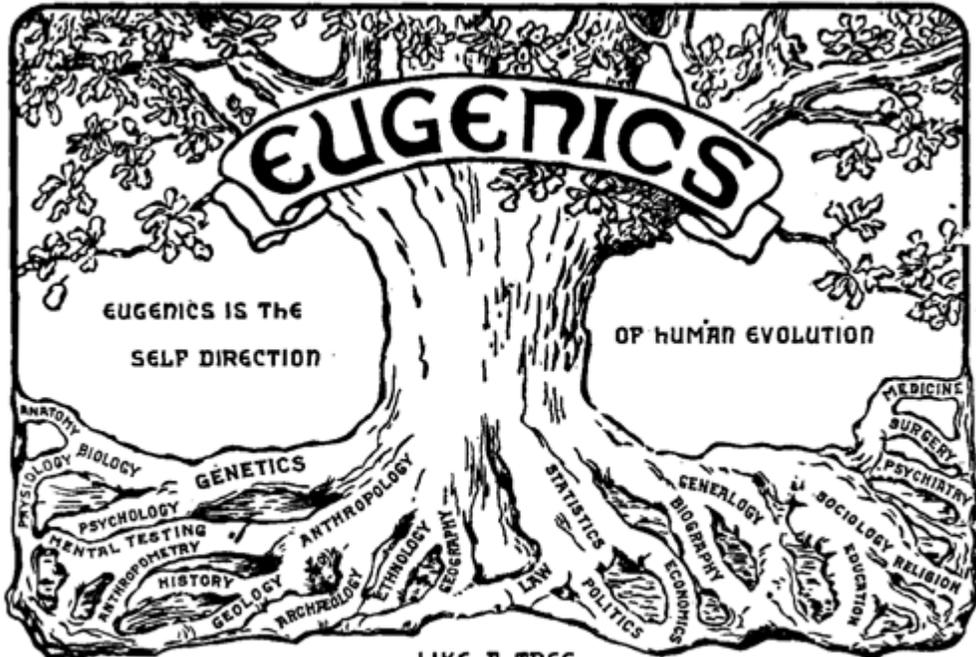


Germ for Germany!

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The formation of the American Eugenics Society.

EUGENICS



LIKE A TREE
EUGENICS DRAWS ITS MATERIALS FROM MANY SOURCES AND ORGANIZES
THEM INTO AN HARMONIOUS ENTITY.

Race hygiene for America!



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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1925

Great Britain, the USA, and [Germany](#), among other nations, agreed in principle to a proposed [Geneva](#) Protocol renouncing 1st use of biological weapons. Isn't that nice?

[WORLD WAR II](#)

Although this Protocol prohibited the use of chemical and biological agents, it omitted to mention any halt to research and development of these agents.

Despite this, for some reason [Japan](#) was unwilling to be a party to this treaty. Were they up to something?

Also, although the United States became a signatory, a full half century would elapse before our Senate would be willing to ratify the signature of our diplomat. Were we up to something?



[GERM WARFARE](#)

Oh, gosh, Mr. Pogo, you don't suppose we have met the enemy and they are us?

In this year the German Jewish couple who would become the parents of [Anne Frank](#), [Otto Frank](#) and [Edith Holländer](#), got married and settled in Frankfurt am Main, [Germany](#).

[ANTISEMITISM](#)

CHANGE IS ETERNITY, STASIS A FIGMENT

GO TO MASTER INDEX OF WARFARE

1929

A [Geneva](#) Convention agreed to a set of principles on the decent treatment of Prisoners of War. (Citizens in prison for refusing military conscription weren't regarded as prisoners of war — maybe they were “enemy noncombatants” or something.)

[Germany](#) formally ratified the [Geneva](#) Protocol we had all agreed to in principle in 1925 renouncing first use of biological weapons. Isn't that nice? (Gee, what were they up to?)



GERM WARFARE

Oh, wait a minute. Our diplomat had agreed in principle, but our Senate hadn't yet approved his signature. Our Senate wouldn't approve his signature for half a century. (Gee, what are we up to?)

[Dr. Sigmund Freud](#)'s [CIVILIZATION AND ITS DISCONTENTS](#) (*DAS UNBEHAGEN IN DER KULTUR*). “I have not the courage to rise up before my fellow-men as a prophet, and I bow to their reproach that I can offer them no consolation: for at bottom, that is what they are all demanding — the wildest revolutionaries no less passionately than the most virtuous believers.”

It was announced that [penicillin](#) had been discovered by [Alexander Fleming](#) on a September morning in the previous year. We were going to need that, as soon as we realized what it might accomplish and as soon as we would become able to produce enough of it.

**ONE COULD BE ELSEWHERE, AS ELSEWHERE DOES EXIST.
ONE CANNOT BE ELSEWHEN SINCE ELSEWHEN DOES NOT.
(TO THE WILLING MANY THINGS CAN BE EXPLAINED,
THAT FOR THE UNWILLING WILL REMAIN FOREVER MYSTERIOUS.)**



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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1930

Modifications were made to "All Quiet on the Western Front," a Universal Pictures film, after Propaganda Minister Joseph Goebbels manufactured a riot at the film's Berlin premiere. In particular they cut the scene in which Paul, played by Lew Ayres, on leave, visits his school and confronts the teacher who had manipulated his entire class into enlisting in the German army.

Great Britain and the USA decided to follow the example of [Germany](#), and formally ratified the [Geneva Protocol](#) they had agreed to in principle in 1925 renouncing first use of biological weapons. Isn't that nice?

GERM WARFARE



Disney/ABC radio personality Paul Harvey doesn't think it's nice. He thinks it is a serious mistake for us to be trying to play Mr. Nice Guy. Mr. Nice Guy, according to Paul Harvey, Disney, and ABC, finishes last, and we're going to finish last too, unless we mend our ways and become again as ruthless as we were before:



"For what it's worth, after the attack on Pearl Harbor, [Winston Churchill](#) told the American people, "We didn't come this far because we are made of sugar candy," and that reminder was taken seriously. We proceeded to develop and deliver the time bomb, the bomb. Even though roughly 150,000 men women and children perished in Hiroshima and Nagasaki, with a single blow [WWII](#) was over. Following New York's September 11 Pearl Harbor [Winston Churchill](#) was not here to remind us. That we didn't come this far because we're made of sugar candy.



So, we mustered our humanity. We gave old pals a pass. Even though men and women from Saudi Arabia were largely responsible for the devastation of New York, and Pennsylvania and our [Pentagon](#), we called Saudi Arabians our partners against terrorism and we sent men with rifles into Afghanistan and Iraq, and kept our best weapons in their silos. Even now, we stand there dying. Daring to do nothing decisive because we've declared ourselves to be better than our terrorist enemies. More

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moral, more civilized. Our image is at stake, we insist. But we didn't come this far because we're made of sugar candy. Once upon a time, we elbowed our way onto and across this continent by giving smallpox-infected blankets to Native Americans. That was biological warfare. And we used every other weapon we could get our hands on to grab this land from whomever. And we grew prosperous. And yes, we greased the skids with the sweat of slaves. So it goes with most great nation-states, which -feeling guilty about their savage pasts- eventually civilize themselves out of business and wind up invaded and ultimately dominated by the lean, hungry up-and-coming who are not made of sugar candy.

- Disney/ABC radio personality Paul Harvey,
expressing family values on June 23, 2005



**WHAT I'M WRITING IS TRUE BUT NEVER MIND
YOU CAN ALWAYS LIE TO YOURSELF**



BIOCHEMICAL WARFARE

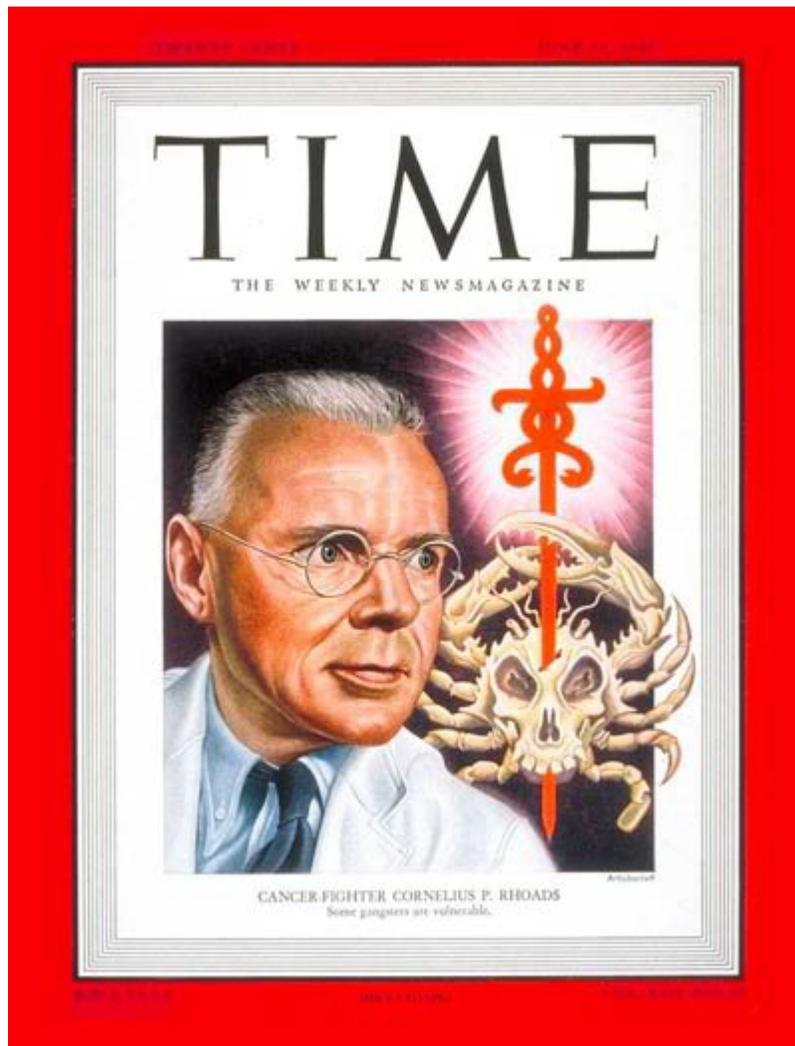
BIOCHEMICAL WARFARE

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1931

Under the auspices of the Rockefeller Institute for Medical Investigations, Dr. Cornelius P. Rhoads infected human subjects with cancer cells (well, but they were only Puerto Ricans). Later this researcher would establish US Army Biological Warfare facilities in Maryland, Utah, and Panama, and would be named to the US Atomic Energy Commission. While associated with the US Atomic Energy Commission, he would initiate a series of [nuclear radiation exposure](#) experiments upon American soldiers and upon civilian hospital patients.

[SECRET MEDICAL EXPERIMENTS](#)



He would write about it in the following manner:

The Porto Ricans are the dirtiest, laziest, most degenerate and thievish race of men ever to inhabit this sphere... I have done

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my best to further the process of extermination by killing off
eight and transplanting cancer into several more...
All physicians take delight in the abuse and torture of the
unfortunate subjects.

(Later on he would distance himself from the attitude he had expressed, by explaining that at the time he had written that, he happened to have been infuriated by something that had just happened to him.)

NO-ONE'S LIFE IS EVER NOT DRIVEN PRIMARILY BY HAPPENSTANCE





BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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1932

As [Japanese](#) Army troops poured into [Manchuria](#), Dr. Shiro Ishii, an officer intrigued by the vast potential of [germ warfare](#), began developing biological weapons at a plant near Harbin. The extensive human experimentation involved would go entirely unpunished, following [World War II](#), in a secret deal that would allow the Allies full access to the Japanese findings.

**LIFE IS LIVED FORWARD BUT UNDERSTOOD BACKWARD?
— NO, THAT’S GIVING TOO MUCH TO THE HISTORIAN’S STORIES.
LIFE ISN’T TO BE UNDERSTOOD EITHER FORWARD OR BACKWARD.**

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1934

Great Britain decided to hedge its bets. Sure, it and the USA had decided in 1930 to follow the example of [Germany](#) and formally ratify the [Geneva](#) Protocol they had all agreed to in principle in 1925, renouncing 1st use of biological weapons. But who knew what those nasty Germans were actually up to? So the decision was, better that we be prepared, and do all the harmless research that needs to be done in the techniques and mechanisms of germ warfare, so that we'll be "ready to respond" — if Germany should turn out to have been tricking us!

GERM WARFARE
WORLD WAR II





BIOCHEMICAL WARFARE

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THE FUTURE CAN BE EASILY PREDICTED IN RETROSPECT

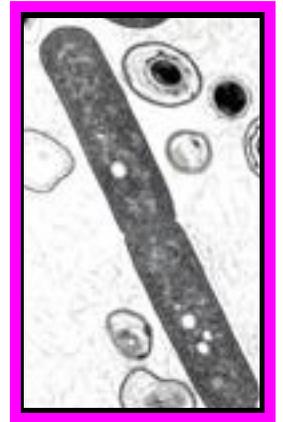


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1936

In [Japan](#), there was a militaristic coup. In occupied [Manchuria](#), Unit 731, a biological-warfare unit of the Japanese army disguised as a water-purification unit, was formed and Dr. Shiro Ishii built a huge compound – more than 150 buildings over six square kilometers– outside the city of Harbin.⁷ Some 9,000 test subjects, which Ishii and his peers denominated “maruta” or, in English, “logs,”⁸ eventually would succumb at the compound. Japanese scientists would test the lethality of various disease agents, including [anthrax](#), [cholera](#), [typhoid fever](#), and [bubonic plague](#).⁹ As many as 10,000 people would succumb horribly in the course of such experiments, but after [World War II](#) the perpetrators would be granted full pensions by the Japanese government, and in return for cooperation with our own research into techniques of biological warfare, the US occupation would grant the perpetrators anonymity, with full protection not only from prosecution and punishment but even from reproach. We needed these real-world guys with their no-nonsense approach to human affairs!

GERM WARFARE



7. Lieutenant General Shiro Ishii’s Unit 731 was officially known as the “Kempeitai Political Department and Epidemic Prevention Research Laboratory,” for whatever that’s worth. This was not the only biological warfare unit in the Japanese army. We also know of a Unit 516 which was based in Qiqihar, Unit 543 based in Hailar, Unit 773 based in Songo, Unit 100 based in Changchun, Unit 1644 based in Nanjing, Unit 1855 based in Beijing, Unit 8604 based in Guangzhou, Unit 200 based in [Manchuria](#), and Unit 9420 which was based in Singapore. However, Unit 731 seems to have been the central or headquarters unit, or perhaps the one with the biggest budget or which got the mostest results.

8. It was a joke, see? –The cover story for this complex of buildings was that it was merely a lumbermill.

9. Unit 731 was divided into eight sections and it was the 1st section that did all the experimentation with the [cholera](#) on live subjects.



BIOCHEMICAL WARFARE

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UNIT 731

JAPAN'S WARTIME HUMAN EXPERIMENTATION PROGRAM

Unit 731 was the secret biological warfare unit set up in the northeast of China following the Japanese invasion; the headquarters were on the outskirts of Harbin in Manchukuo. Unit 731 researched, developed, produced, and tested biological weapons. As part of its research program, it experimented on humans and animals. The details of Unit 731's activities remained largely unknown until the mid-1980s, when a number of documents concerning its activities came to light. Many of these documents were produced by U.S. military organizations, such as G-2 (Intelligence) in the Office of the Assistant Chief of Staff and the Office of the Judge Advocate General. Substantial parts of these records were information seized by the US occupation forces directly from former members of Unit 731 after the war, but these were never disclosed to the public. In 1931 Japanese forces invaded the northeast of China, claiming that Chinese forces had destroyed the railway at Lake Liu near Mukden in southern Manchuria, although this had actually been done by the Japanese themselves to provide a pretext for the invasion. This marked the beginning of the so-called Manchurian incident. In 1932 the Japanese government annexed the northeast of China and set up the Manchukuo puppet state. In reality, Manchukuo was a Japanese colony and was governed by the Kwantung Army, the most powerful of the Japanese forces. Ishii Shiro, a prominent physician and a graduate of Kyoto University, traveled to Europe in 1928 to investigate the situation concerning biological weapon. When Ishii returned to Japan in spring 1930, he urged the military leaders to provide a means for researching biological warfare and developing the capability to wage it. At that time, various Western nations were actively involved in research on biological weapons, although the United States had not yet started it. In 1932 Ishii set up the Epidemic Prevention Laboratory within the military medical school in Tokyo with the full support of the military. At the same time, Ishii set up in Manchukuo a small and secret subgroup, the Togo Unit, in the village of Bei-inho, 100 kilometers southeast of Harbin. Remote Manchukuo was chosen primarily because researchers wanted to conduct medical experiments on human using Chinese prisoners began as soon as the Togo Unit was established. Thus, research on defensive methods against biological weapons as conducted mainly in Tokyo, and research on offensive use and actual production of such weapons was carried out in Manchukuo. In 1925 the Geneva Convention prohibited the use of chemical and bacteriological weapons. Ishii obviously knew that his plans contravened the convention, but he also knew how effective biological weapons could be. The Ishii group sought out all bacteria and viruses that could prove useful as weapons and for

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which vaccines could be developed so as to protect the Japanese forces using them. In 1936 the Togo Unit was reorganized and expanded into the Epidemic Prevention Department of the Kwantung Army (the Ishii Unit). A smaller section (the Wakamatsu Unit) concerned with combating animal diseases was set up by the Kwantung Army at Xinjing. Both units were set up with the approval of Japanese Imperial Headquarters. In 1938 a special military zone was declared at Pingfan, 25 kilometers southeast of Harbin, and the local residents were all evicted. Construction of a huge facility for the production of biological weapons began. On August 1, 1940, the Ishii Unit was renamed the Epidemic Prevention and Water Purification Department of the Kwantung Army (a description the very opposite of its real aims), although after 1941 it was more commonly referred to as Manchukuo Unit 731. Unit 731 was composed of four sections: research, experiments, antiepidemic, and water purification and productions. After Unit 731 was set up in Pingfan, many faculty members of the military medical school were sent to Manchukuo and became involved in experimenting on humans to develop biological weapons. In fact, Ishii started recruiting young elite medical specialists from various Japanese universities a few years before the establishment of Unit 731 in 1936. Professors in the medical school of Kyoto University in particular assisted Ishii with his recruitment. Branch units were set up in Beijing, Nanjing, Guangdong, and Singapore; these units conducted experiments on weapons developed by Unit 731 and made plans for waging biological warfare within those regions. At this time Colonel Ishii had 3,000 staff in Unit 731 and as many as 20,000 staff under his command if all members from the branch units were totaled. Various methods were developed for dispersal of biological weapons. One was to introduce the pathogen to a local water supply or food supply. Another was to use airborne means, and Unit 731 developed a bomb specifically designed for dispersing pathogens from aircraft. In 1939, when Japanese and Russian force, Unit 731 introduce the typhoid-fever pathogen into river in the area. In 1940 and 1941 the unit used aircraft to spread cotton and rice husks contaminated with the black plague at Changde and Ningbo, in central China. About 100 people died from the black plague in Ningbo as a result. From the viewpoint of the Japanese, the casualties at Ningbo were insufficient, so they developed a bomb enabling more efficient dispersal from greater heights (thus making the process less hazardous for air crews, who would be subject to anti-aircraft fire if required to fly low over an area in order to deliver their payload.) This bomb was not widely used, however, as it was not perfected until close to the end of the war. Unit 731 regarded fleas as the most useful vector for pathogens, especially the plague. The unit bred massive numbers of fleas and rats for producing the plague bacillus and tested whether fleas could survive being released from bombs dropped from aircraft. The unit also developed anthrax-bacillus bombs, which proved successful because the bacillus is heat resistant. Shrapnel from



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the bombs carrying the bacillus was highly efficient at infecting those hit by it. The anthrax bomb was tested many times on humans at Anta, 146 kilometers from Pingfan. After the outbreak of World War II, the Japanese continued to use biological weapons against the Chinese. They sprayed cholera, typhoid, plague, and dysentery pathogens in the Jinhua area of Zhejiang province in June and July 1942. The was done in retaliation for the first U.S. air raids on mainland Japan, in which Tokyo and Nagoya were bombed. After these raids, the Allied aircraft landed at airfields in China, and the Japanese took this as Chinese collaboration with the Allies. In the Jinhua pathogen attack, however, the Japanese also fell victim to the diseases, and large numbers of Japanese casualties occurred. According to one source, over 1,700 Japanese soldiers died. It is well known that Unit 731 used large number of Chinese people for experiments. Many Chinese who rebelled against the Japanese occupation were arrested and sent to Pingfan where they became guinea pigs for Unit 731; there is evidence that some Russian prisoners were also victims. The prisoners subjected to experiments were called "maruta" (literally "logs") by the Japanese. Every year the military police rounded up approximately 600 maruta send to Pingfan. After succumbing to the disease, the prisoners were usually dissected, and their bodies were then cremated within the compound. Unit 731 also conducted frostbite experiments on the maruta. Frostbite was a severe problem for the Japanese forces in Manchukuo, where the winters are extremely cold. The prisoners were tied up outdoors in temperatures as cold as -20 degrees Celsius and parts of their bodies were sprayed with salt water in order to induce frostbite. Their arms were hit with hammers to determine whether they were frostbitten. They were then immersed in hot water of ranging temperatures in orders to determine how recovery from frostbite could best be facilitated. In extreme cases, the prisoners' skin and muscles sloughed off in response to this treatment and the victims died immediately. As a result of the experiments, it was found the immersing frostbitten limbs in body-temperature water best facilitated recovery. It is said that General Ishii and his colleagues were particularly proud of this discovery. Maruta also were subjected to poisonous gas experiments. In one experiment conducted September 7-10, 1940, 16 Chinese prisoners were exposed to mustard gas in a simulated battle situation that employed a macabre form of experimental manipulation. The prisoners were positioned in various places, such as under a machine-gun cover or inside a building, and mustard gas shells were fired toward them. Some of the prisoners had gas masks and others did not, and they were also dressed in different types of clothes. Every few hours after firings the condition of the prisoners was monitored. In another experiment, five prisoners were forced to drink a liquid form of mustard gas and their condition was then monitored for a five-day period. Most Japanese citizens were unaware of the unit's activities until 1981, when author Seiichi Morimura exposed the unit's dark history in a book, "The Devil's Gluttony." Many of the unit's

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doctors and researchers became heads of medical and pharmaceutical firms in post-war Japan. The Japanese government has never formally apologized for Unit 731's activities, and did not even admit to its existence until August 1998, when the Supreme Court ruled that the existence of the unit was accepted in academic circles. In 1995, families of Chinese victims filed a lawsuit demanding the Japanese government pay compensation of 100 million yen (US\$826,000).



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1939

[Amphetamine](#) had been being widely advertised in Sweden as a pep pill, and use and abuse of the substance had become so widespread that at this point it was made available through prescription only.

Great Britain began testing its germ bombs on the island of Gruinard off the coast of Scotland. Better safe than sorry!¹⁰

[GERM WARFARE](#)



September: [Robert Frost](#) purchased, as a summer residence, the Homer Noble farm near Ripton, [Vermont](#).

Over 4 days in this month the people of London, anticipating aerial bombardment by the Germans, brought in for euthanization some 400,000 pet dogs and cats. This action had been advised against by the government and was premature, as the bombs would not begin to fall for another 7 months — however, the idea of war-preparedness, of “doing something,” had filled people’s minds.

[Japanese](#) Army Unit 731 based in Harbin, [Manchukuo](#), the [germ warfare](#) unit cleverly disguised as a water-purification unit, cleverly introduced [typhoid](#) bacteria into water supplies they expected advancing Soviet units would need to use. “Won’t they be surprised!”

[WORLD WAR II](#)

“MAGISTERIAL HISTORY” IS FANTASIZING: HISTORY IS CHRONOLOGY

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1940

[Italy](#), [Germany](#), and [Japan](#) signed a tripartite pact as the “axis powers.” The [Japanese](#) military occupied French Indochina ([Vietnam](#)) with approval by France (which is to say, with the approval of the Vichy government of collaborators) and announced that its intention was the creation of a “Greater East Asia Co-Prosperity Sphere.”

US troops were sent to guard air and naval bases obtained in Newfoundland, Bermuda, St. Lucia, the Bahamas, Jamaica, Antigua, Trinidad, and British Guiana by negotiation with Great Britain (these would sometimes be referred to as “lend-lease” bases).

US MILITARY INTERVENTIONS

Founding in 1815 in Boston by William Tudor and the journalist Nathan Hale, the [North American Review](#), the oldest American literary magazine, had come to be owned by a hack writer named Joseph Hilton Smyth. In this year this owner was unmasked as having received \$125,000 from Manhattan’s Vice Consul Shintaro Fukushima in payment for publishing pro-[Japanese](#) sentiments, and so the magazine discontinued publication).

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The [Japanese](#) tradition of the Cherry Blossom Pageant was introduced in [Washington DC](#).



The [Japanese](#) military dropped bombs on the city of Ningbo in [China](#) containing fleas which they had carefully infected with the [bubonic plague](#).

The [Japanese](#) military introduced [typhoid fever](#) and [cholera](#) into [China](#) by way of Chekiang Province.

[WORLD WAR II](#)
[GERM WARFARE](#)

The [Cuban](#) Constitution of 1940 was established by a national assembly that included Blas Roca, a young shoemaker who had helped organize the Revolution of 1933. The document struck a balance between the rich and the working class, protected individual and social rights, supported full employment and a minimum wage, extended social security, called for equal pay for equal work, and outlawed the huge plantations known as latifundias. What could go wrong?

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THE FUTURE CAN BE EASILY PREDICTED IN RETROSPECT





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Fall: The [Japanese](#) were dropping paper bags filled with plague-infested fleas over the cities of Ningbo and Quzhou in the Zhejiang province of [China](#). Other attacks would involve the contaminating of wells and the distribution of poisoned foods.

[GERM WARFARE](#)



During this year [President Franklin Delano Roosevelt](#) had ordered the US Pacific Fleet from the West Coast to the [Hawaiian Islands](#) and then, overriding complaints by its commander, Admiral Richardson, that our naval exercises had indicated that there was inherently inadequate protection at the Pearl Harbor base on Oahu against air attack by carrier-based enemy attack aircraft, and no protection whatever against torpedo attack from submarines, ordered our Pacific fleet to remain stationed there. After twice evading these strange and dangerous orders, which made it seem as if someone in our nation's puzzle palace were determined to place the American vessels in harm's way, during this fall Richardson raised the issue personally with the President.



Soon afterward, he would get his ass replaced. (His successor, Admiral Husband E. Kimmel, would also bring up this issue of unnecessarily placing our capital ships in harm's way, with the Commander-in-Chief in June

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1941, and he also would get exactly nowhere with Roosevelt.)

WORLD WAR II



Just Do As You Are Told
Says The President
Of The United States



BIOCHEMICAL WARFARE

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NOBODY COULD GUESS WHAT WOULD HAPPEN NEXT



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1942

Dr. Shiro Ishii's [Japanese](#) Army Unit 731 began field tests of [germ warfare](#) on [Chinese](#) soldiers and civilians. Tens of thousands would succumb to [bubonic plague](#), [cholera](#), [anthrax](#), and other diseases. US soldiers captured in the Philippines would be sent to [Manchuria](#) and there "experimented upon."

[WORLD WAR II](#)

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An American pilot on his first bombing mission over Europe, Paul W. Tibbets, Jr., felt “sick with thoughts of the civilians who might suffer from the bombs dropped by his machine” and, as he watched the black pellets drop away under his aircraft (he later confided), was going “My God, women and children are getting killed!” However, his bombs missed their target on this initial mission and pilot Tibbets was forced to take stock of himself. He came to realize that he had been so “intent on what was going to happen on the ground” that he hadn’t been able to do his “job right.” In the future, as in the “Enola Gay” B29 he would name after his mother, at 32,000 feet over [Hiroshima](#) on August 6, 1945 , he would be able to behave more responsibly.

WORLD WAR II



This war-addled pilot would even develop a posture in regard to the sort of [conscientious objection](#) exemplified by Friend [John R. Kellam](#): “Every man ought to pay the price to live in this country. And that

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means helping to defend it.”



Meanwhile, back home, the US Army's Chemical Warfare Services was beginning mustard gas experiments on approximately 4,000 servicemen. The experiments would continue until 1945 and would make use of Seventh Day Adventist [conscientious objectors](#) who had gotten themselves maneuvered, during draft-board persecution, into volunteering as [human guinea pigs](#) (in order to prove to the authorities, of course, that they were patriotic, and demonstrate, to the authorities, that they were manly men rather than cowards).

GAS WARFARE

Here's an interesting point in comparison. According to the records, a total of 3,166 civilian prisoners from Dachau and Mauthausen classified as "unfit to work" would be transported during this period to the Hartheim Schloss mental health establishment near Linz in Austria, just over the [German](#) border, to be executed by gassing. The centerpiece of the SS's euthanasia campaign, this would be the only Nazi institution from which there would be zero survivors. Something like 10,000 mentally retarded or crippled German children would be taken there to be executed, with their ashes spread over the waters of the Danube and Traun rivers. The brains of a total of 772 children from Vienna alone would be pickled in individual glass jars. The Hartheim Schloss staff of about 80 persons received extra pay plus a nice alcohol allowance. Today, the grounds of what had been Hartheim Schloss contain apartment buildings. There is a plaque on the wall of an entrance hall, to remind the 22 families who live there of sad events that had transpired.

The point in comparison which I would like to raise is based on the fact that this euthanasia campaign in Austria was directed by Dr. Rudolf Lonauer of Linz, a psychiatrist, and during May 1945 at the end of [World War II](#), while the chickens were coming home to roost so to speak, Dr. Lonauer would euthanize himself. That being the case, why on earth is it, do you suppose, that Colonel Tibbets failed to euthanize himself? –When it comes to matters such as these, is being on the winning side that much different from being on the losing side?

Inquiring minds want to know.

BETWEEN ANY TWO MOMENTS ARE AN INFINITE NUMBER OF MOMENTS, AND BETWEEN THESE OTHER MOMENTS LIKEWISE AN INFINITE NUMBER, THERE BEING NO ATOMIC MOMENT JUST AS THERE IS NO ATOMIC POINT ALONG A LINE. MOMENTS ARE THEREFORE FIGMENTS. THE PRESENT MOMENT IS A MOMENT AND AS SUCH IS A FIGMENT, A FLIGHT OF THE IMAGINATION TO WHICH NOTHING REAL CORRESPONDS. SINCE PAST MOMENTS HAVE PASSED OUT OF EXISTENCE AND FUTURE MOMENTS



BIOCHEMICAL WARFARE

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HAVE YET TO ARRIVE, WE NOTE THAT THE PRESENT MOMENT IS ALL THAT EVER EXISTS — AND YET THE PRESENT MOMENT BEING A MOMENT IS A FIGMENT TO WHICH NOTHING IN REALITY CORRESPONDS.

Early: Dr. Paul Fildes, director of the biology department at Porton Down near Salisbury in Wiltshire but had previously been in charge of the Medical Research Council's bacterial chemistry unit at Middlesex Hospital, began searching Britain for suppliers and manufacturers of linseed-oil cattle cake to make 5,000,000 small cakes of cattle fodder. He would need also to produce large quantities of [anthrax](#), and a special container with which to safely load these cattle cakes into military aircraft without killing the military personnel, because England intended to contaminate this cattle fodder and then have the RAF drop it over the pastures of [Germany](#). They would settle on a cube-shaped cardboard container, 18 centimeters on each side. Each



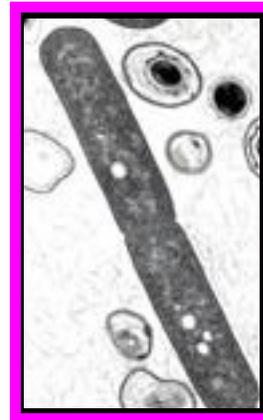
container was to hold 400 cakes and was to have a steel handle “of a size which enables the operator to grasp the handle without difficulty when wearing thick leather or moleskin gloves.” The RAF developed a series of wooden trays that would hold the cardboard boxes of contaminated cattle fodder and would fit the existing flare chutes of the existing Lancasters, Halifaxes, and Stirlings of the Bomber Command. By God, these people were thinking of everything! As the supplier, Dr. Fildes settled on the Olympia Oil and Cake Company of Blackburn. He awarded a contract to cut the cattle cake into small pieces to J & E Atkinson of Bond Street in

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London, the firm that happened also to be perfumer and toilet-soap manufacturer to the British Royal Family. The Atkinson firm pledged to produce 180,000 to 250,000 cakes, each 2.5 centimeters in diameter and 10 grams in weight, within one 44-hour week, at a cost between 12 and 15 shillings per thousand. The firm pledged to deliver the full amount of 5,273,400 cakes by April 1943. By the middle of July 1942, the Atkinsons would be able to cheerfully inform Dr. Fildes that they were “producing at the rate of 40,000 per day.” Meanwhile, the anthrax would be being manufactured by the Ministry of Agriculture and Fisheries at its veterinary laboratory in Surrey, and an academic at Oxford, Dr. E. Schuster, would be devising a pump that could be used to inject the bacilli into the cattle cakes, and thirteen expendables, female workers from various soap-making firms, had been assembled and sworn to secrecy, their assigned task being to inject the cattle cakes with the anthrax spores.

GERM WARFARE

WORLD WAR II



May: According to THE PAST AS PROLOGUE by Renato Redentor Constantino, “In May 1942, a [cholera](#) epidemic created by Unit 731 in Yunnan province kill[ed] over 200,000 people. Three months later, another 200,000 die[d] in Shandong province as a result of Unit 731’s germ warfare. In the Zhejiang province city of Quzhou alone, over 50,000 perish[ed] from bubonic plague and cholera.”

WORLD WAR II

GERM WARFARE

JAPANESE

CHINESE

June/July: The [Japanese](#) tested *Salmonella* on [Chinese](#) prisoners.

WORLD WAR II

GERM WARFARE





BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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August: According to THE PAST AS PROLOGUE by Renato Redentor Constantino, “In May 1942, a [cholera](#) epidemic created by Unit 731 in Yunnan province kill[ed] over 200,000 people. Three months later, another 200,000 die[d] in Shandong province as a result of Unit 731’s germ warfare. In the Zhekiang province city of Quzhou alone, over 50,000 perish[ed] from bubonic plague and cholera.”

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JAPANESE
CHINESE

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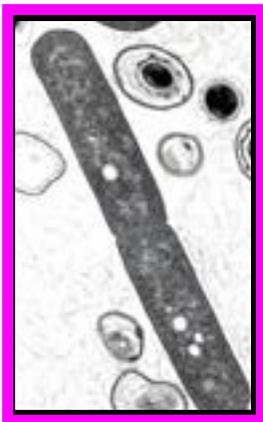
1943

The University of Chicago was given a US Army contract to study the effects of 2,4-D and 2,4,5-T on cereal grains (including rice) and broadleaf crops. These studies would establish the effectiveness of using aerial applications of herbicides as a weapon of total war against civilian populations, to destroy the enemy's crops and thus cause the starvation of their civilians. (Hey, no more Mr. Nice Guy, total war is total war.)

SECRET MEDICAL EXPERIMENTS

In response to [Japan](#)'s full-scale [germ warfare](#) program, the U.S. began research on [biological weapons](#) at Fort Detrick, Maryland. (It would never have occurred to us to get involved in such a thing, of course, had they not been planning to do it to us.)

During this timeframe the USA was weaponizing [anthrax](#), tularemia, Q fever, Venezuelan equine encephalitis, botulinum, and staphylococcal enterotoxin B. We were busy busy busy. Because of the short shelflife of such weapons we had stockpiled two and a half million biological bomb casings, empty, available to be filled with the ultimate filth upon our decision. At Vigo near Terre Haute, local officials of the Indiana [Ku Klux Klan](#), on war contract with the US government, began a production facility for the filling of these "N-bombs," as they were called, to be sent to England because [Winston Churchill](#) wanted to drop them on a list of [German](#) cities





BIOCHEMICAL WARFARE

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(germ=German, get it?), making the entire areas of these cities and the surrounding countryside unavailable for human use for centuries into the future.¹¹

[GERM WARFARE](#)



Meanwhile my grandmother Sylvia Mae Long Mattox was busy with her home canning near Saline City, Indiana, which is also near Terre Haute — and one of the garden vegetables she was putting into her Mason Jars and Bell Jars for storage in the cellar was corn kernels (a foodstuff which, due to a low acid content, can be rather dangerous to attempt to preserve at home).

11. “N” was the military code for the *Bacillus anthracis*. The plant would be completed in May 1944 on 6,100 acres in Vigo, near Terre Haute, would contain a dozen 20,000-gallon fermentation tanks, and would become contaminated not with *Bacillus anthracis* but with *Bacillus globigii* (now considered a strain of *Bacillus atrophaeus*). Although Churchill would order 500,000 4-pound [anthrax](#) bombs during the summer of 1944, the plant would not be able to deliver (the Ku Kluxers of Indiana were chock full of faith and devotion, and they were of course corn-fed prime American stuff, but not many of them were what you’d want to call smart), and after the war the Vigo Ordinance Plant of the Chemical Warfare Service would be sold to a pharmaceutical firm. It’s OK for you to ask me how I know all this. Or, for the general picture, you can take a look at Barton J. Bernstein’s “Churchill’s secret biological weapons” in the [Bulletin of the Atomic Scientists](#), January-February 1987, page 46-50, based on the partial information that is on the public record as of this point.

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HDT

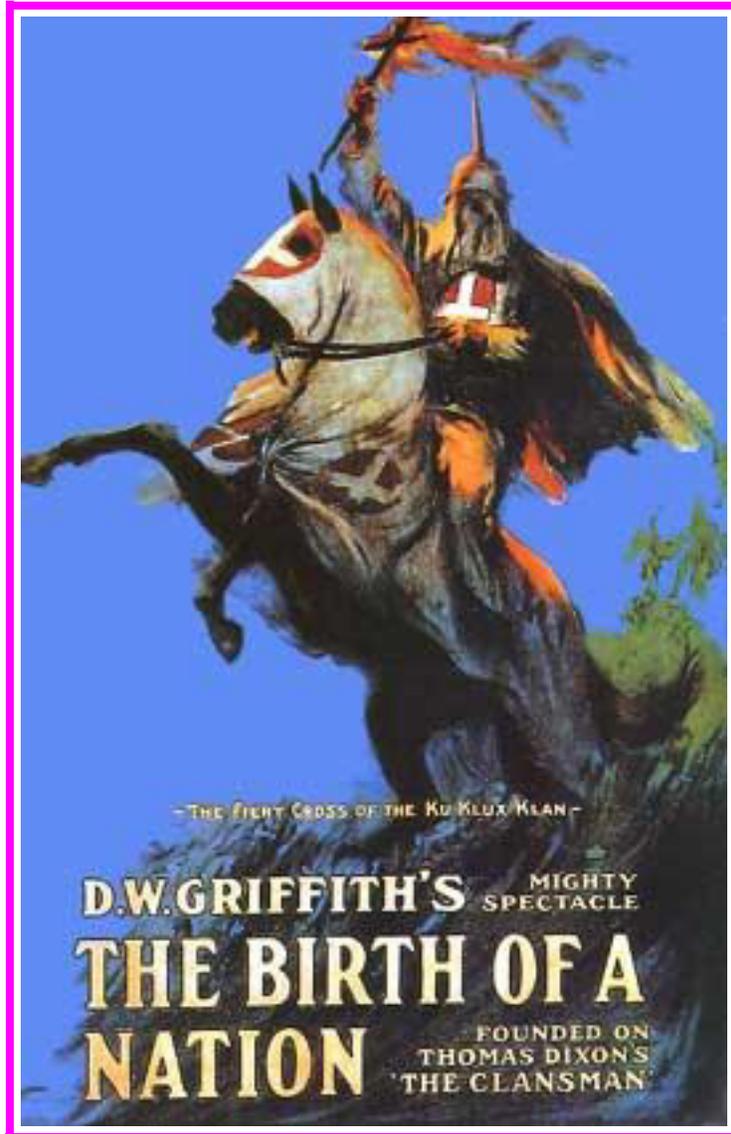
WHAT?

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In a series of war posters, Norman Rockwell illustrated the freedoms of which [President Franklin Delano Roosevelt](#) had spoken in his message of January 6, 1941¹² — in defense of which we were having the KKK begin to manufacture these [anthrax](#) distribution devices:



WORLD WAR II

12. "We look forward to a world founded upon four essential human freedoms. The first is freedom of speech and expression — everywhere in the world. The second is freedom of every person to worship God in his own way — everywhere in the world. The third is freedom from want ... everywhere in the world. The fourth is freedom from fear ... anywhere in the world."



BIOCHEMICAL WARFARE

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June 7, Monday: 1,000 race rioters in Los Angeles invaded theaters, streetcars, and homes, stripping and beating Hispanics. Police did little to quell this violence except take some 600 Hispanics into custody.

Reports from [China](#) would allege that in western Hupei in the South Yangtze region, the Japanese 11th Army covered a withdrawal from the area around Moshih by the use of a cloud of [poison gas](#).

René Hardy, a member of the French Resistance, was arrested by the Gestapo ([tortured](#) by Klaus Barbie, he would provide enough information to lead them to Jean Moulin at Caluire and then Moulin would die under torture on July 8th).

Pedro Pablo Ramírez Machuca replaced Arturo Rawson Corvalán as President of the military government of Argentina.

WORLD WAR II

December 2, Thursday: The harbor of [Bari](#) on [Italy](#)'s Adriatic coast had gotten just jam-packed with Allied merchant ships as convoy after convoy had brought in supplies for the British, American, and Canadian armies that were advancing up the Italian peninsula. Captain Knowles's Liberty ship, the USS *John Harvey*, was offloading its cargo at Berth 29 when more than a hundred [German](#) JU-88 bombers flew over. Rrrrrrrrrrrrrrr. Part of Captain Knowles's cargo, unfortunately, was a hundred tons of mustard bombs, being brought in just in case the Germans resorted again to gas warfare. A unit of the 701st Chemical Maintenance Company of course had this dangerous and tempting shipment under close guard. The blast wave created by the *John Harvey* demolished or sank 17 other vessels in the harbor as well, destroying some 38,000 tons of war supplies, and more than 1,000 army and navy men, civilian workers, and townspeople were injured or died or just went up with the rising smoke. Hundreds were struggling in the oil-covered water as ship after ship was exploding or catching fire. Then, in the jammed Allied hospitals, the medics were at a loss to understand what it had been that had created such unusually magnificent skin effects. Over and above the usual war hospital odor of mingled ether, shit, burning chicken feathers, rotting meat, and gunsmoke, there was this funny odor like someone had just eaten a ham sandwich, a ham sandwich with lots and lots of mustard. Of the only 617 to make it to the hospitals, 83 wouldn't make it to the New Year. If the medics had known at the time it was an accidental detonation of the Allied stockpile of 2,000 M47A1 sulfur mustard (H) [poison gas bombs](#), it is possible that they could have come up with the proper treatment and saved some more lives. –But, of course, there weren't any members of the 701st Chemical Maintenance Company still around to tell them. (The first casualty of war being, as the saying goes, the truth, Winston Churchill immediately imposed a total secrecy order, and it would not be until about 5 years later that we would begin to hear of this.)

TIMELINE OF ACCIDENTS

An official account:

One United States naval vessel that was damaged on this day was more promptly acknowledged:

- Gasoline tanker *Aroostook* (AOG-14), by horizontal bomber, Italian area, 41 degrees 6 minutes North, 16 degrees 52 minutes East

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[President Franklin Delano Roosevelt](#) and Prime Minister [Winston Churchill](#) met in Cairo with Generalissimo Chiang Kai-Shek of [China](#). Lord Mountbatten proposed the recapture of Burma.

British troops captured Lanciano, on the Adriatic Sea east of Rome.

The British government announced that it planned to conscript 30,000 men to work in coal mines.

British bombers struck at Berlin, killing 378 Berliners.

The submarine *Narwhal* (SS-167), landed ammunition and stores at, and then evacuated certain personnel from, Mindanao in the Philippine Islands.

[WORLD WAR II](#)



BIOCHEMICAL WARFARE

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1944

The US Navy, in using human subjects to test gas masks and clothing, locked people in a gas chamber and exposed them to mustard gas and lewisite.

GAS WARFARE

SECRET MEDICAL EXPERIMENTS

NOBODY COULD GUESS WHAT WOULD HAPPEN NEXT



January 1, Saturday: At Plaszow, a suburb of Krakow, a forced labor camp was converted to a death camp.

[Stalin](#) established a Polish National Council with armed forces and administration as a government-in-exile to rival the London government.

The US Treasury ended the minting of zinc-coated steel pennies and resumed the use of copper.

General Joseph Stilwell appointed Brigadier General Frank D. Merrill as commander of the 5307th Composite Unit (Provisional), code name "Galahad," popularly to be known as Merrill's Marauders.

Aircraft from carrier task group (Rear Admiral F.C. Sherman) bombed a [Japanese](#) convoy escorted by cruisers and destroyers off Kavieng, New Ireland.

Naval Air Facility, Honolulu, Oahu in the [Hawaiian Islands](#) was established.

United States naval vessels damaged:

- Destroyers *Smith* (DD-378) and *Hutchings* (DD-476), by collision, eastern New Guinea area, 5 degrees 0 minutes South, 146 degrees 0 minutes East.
- LST446, by accidental explosion, Solomon Islands area, 6 degrees 15 minutes South, 155 degrees 2 minutes East

TIMELINE OF ACCIDENTS

Biochemical Warfare

"Stack of the Artist of Kouroo" Project

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Early in this year, long lines of American and British prisoners who had surrendered at Monte Cassino and Anzio would be being shuffled down the Via dell'Impero in [Rome](#) under guard.

As of the beginning of this year, Britain's Operation Vegetarian was ready to go. Its pellets of cattle food had been manufactured, its [anthrax](#) had been manufactured, the anthrax had been injected into the cattle food, the pellets had been loaded into cardboard boxes, a delivery scheme involving the RAF had been completed — everything was just coming up roses. All that remained was for [Winston Churchill](#) to give the order to proceed with the devastation of [Germany](#).



GERM WARFARE

Dr. Paul Fildes was urging that it was crucial to the success of the attack with [anthrax](#) spores, that it be mounted during the summer months: “The cattle must be caught in the open grazing fields when lush spring grass is on the wane.” “Trials have shown that these tablets ... are found and consumed by the cattle in a very short time.” “Cattle are concentrated in the northern half of Oldenburg and northwest Hanover. Aircraft flying to and from Berlin will fly over 60 miles of grazing land.” He calculated that a RAF bomber flying at an average ground speed of 300mph would need to dump its load within 18 minutes. “If one box of tablets is dispersed every two minutes, then each aircraft will be required to carry and disperse nine, or say 10, boxes.” A single Lancaster bomber ought to be able to scatter 4,000 anthrax-infected cakes over a 60-mile swathe in less than 20 minutes while returning from a raid on Berlin, and a dozen such aircraft would be sufficient to cover most of the north German countryside.

WORLD WAR II



BIOCHEMICAL WARFARE

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February 25, Friday: Destroyers bombarded [Japanese](#) positions at Kavieng, New Ireland and Rabaul, New Britain.

The 1,920-ton destroyer HMS *Mahratta* was escorting convoy JW-57 to Russia when it was torpedoed and sunk in the Barents Sea by U-boat U956. 11 officers and 209 ratings died.

The British chief science adviser, Lord Cherwell, recommended to [Winston Churchill](#) that our “N-bombs” be dropped on the [Germans](#). The “N,” or *Bacillus anthracis* bacterium, “is extremely difficult to get rid of once it is scattered.” Although the bacterium has a “potentiality” that is simply “appalling,” the “most secret” status of the development program in England and the “top secret” status of the program in the USA sponsored by such American science advisers as Vannevar Bush will be adequate to protect this government project from being interfered with by the public. “There is no known cure and no effective prophylaxis,” and in fact this type of weapon may prove to be “more formidable, because infinitely easier to make, than _____.” Churchill needed no special pleading, he was for it, in fact he had all along been lusting for this sort of ultimate horror scenario.

GERM WARFARE
WORLD WAR II



Curb Science?¹³

Science, that gives man hope to live without lies
Or blast himself off the earth: Curb science
Until morality catches up? — But look: morality
At present running rapidly retrograde,
You'd have to turn science too, back to the witch-doctors
And myth-drunkards. Besides that morality
Is not an end in itself: truth is an end.
To seek the truth is better than good works, better than survival,
Holier than innocence and higher than love.

— [Robinson Jeffers](#)

May: [Allen Ginsberg](#), a student at Columbia University, met [Jack Kerouac](#) at [Edie Parker](#)'s apartment on 118th Street in [New York City](#). Together they would visit [William S. Burroughs](#) in his apartment on Riverside Drive.

It was the consideration of the Nazi Burgomeister of the village of Velpke near Helmstedt, [Germany](#), that Polish female slave laborers were spending far too much time attending to their own infants, and not being productive enough at their slave tasks on the local farms as well as in the factories of the area, such as the Volkswagen factory at nearby Wolfsburg. A center was established for these infant charges in an old factory building lacking running water, electric lights, and a telephone connection, and they were forcibly removed from their slave mothers. The Reich labor Office ordered a former teacher, Frau Billien, to take charge of this institution and supervise the four Polish and Russian slave girls who were installed in the building to tend these infants. None of these attendants had ever before cared for an infant. Some months later Volkswagen required possession of the old building, and it would be discovered that 84 of the infants had already died through the disregard of their caretakers and the deprivation of mother's milk. According to the Velpke village register the

13. This poem was entirely suppressed by the publisher, Random House, even after the war was over.

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most common causes of death had been general weakness, dysentery, and intestinal catarrh. (A British Military Court would sentence two of these care providers to death, and three to long terms of imprisonment.)

WORLD WAR II

[Walter Roy Harding](#) wrote in this notes that “Rather the significant contribution of [Thoreau](#) is what might be termed his ‘mind-set.’ We need to produce more citizens who will question things as he did. If we study his pattern, we may learn the secret of producing such men. If we succeed, we will have taken one of the greatest strides toward producing that ideal democracy about which so much is said and so little done these days. For it is only through an enlightened, questioning citizenry that we may achieve such a utopia. Therein lies the value of Thoreau.”



In a poll of 52 correspondents conducted by [Look Magazine](#), [Senator Harry S Truman](#) was selected as one of the ten most useful officials in Washington DC (it is an interesting comment on the innocence of those times, that anybody would have dared to ask news media people for their judgment about the merits of politicians, or that anybody would have considered such opinions to be of any relevance).

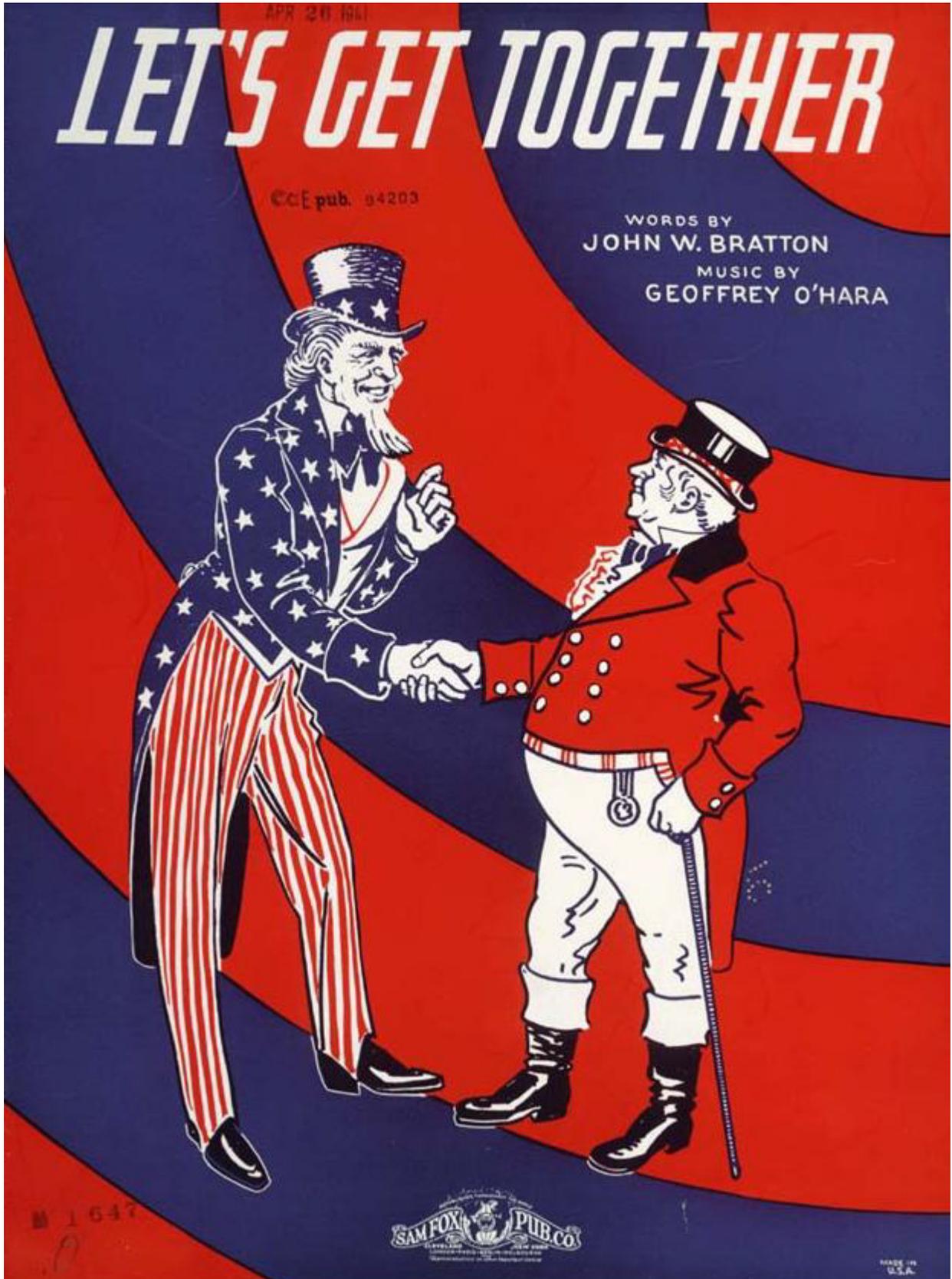
At this point [Winston Churchill](#) had received his first small batch of germ bombs from the Indiana [Ku Klux Klan](#) in Vigo near Terre Haute, for testing, but construction of the Chemical Warfare Service’s 6,100-acre Vigo Ordinance Plant had only just been completed and American production was far behind schedule.



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

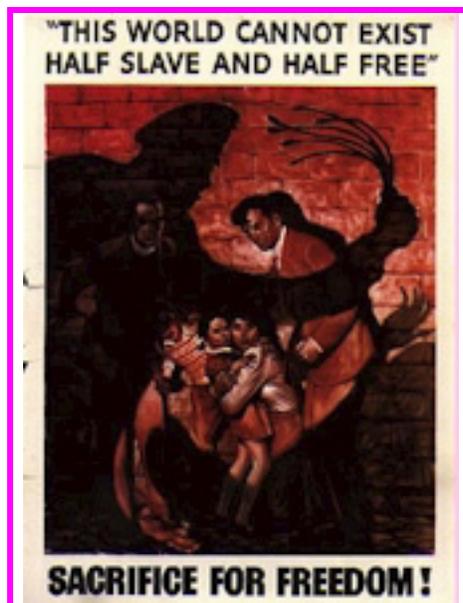
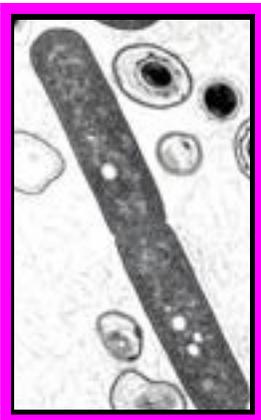
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The plant was supposed to be producing some 50,000 4-pound bombs per month by that summer, out of an order for 500,000 such devices, but there wasn't a fat chance in hell of that happening.¹⁴ There was another plant in Indiana that was due to start production late in 1944 and was to begin producing about 625,000 germ bombs monthly, with a portion of this grand supply to be available to the English air force early in 1945, but that was all big talk and at this point they had to confess to a disgruntled Churchill that there would not be enough **anthrax bombs** for even a "token" destruction of German cities until the end of 1944 at the earliest. What if the wicked Germans had a chance to surrender before we righteous people had a chance to rise up in our wrath and kill them all?¹⁵

GERM WARFARE



Here is the matter, as it has been recorded on the Internet by the Vigo County, Indiana people themselves (emphasis supplied; see URL <http://web.indstate.edu/community/vchs/thhist.htm>):

The Second World War created abnormal economic conditions in many cities, but Terre Haute escaped the problem due to its lack of durable goods manufactures. Instead, Terre Haute produced peacetime goods, largely food items, and supplied labor to three nearby ordnance plants. The A and P (Great Atlantic and Pacific Tea) Company's Quaker Maid plant was said to have been the world's largest food processing factory under one roof. **In one of these plants, the Terre Haute Ordnance Depot, biological**

14.The Ku Klux Klan has been accused of a lot of stuff, but it has never been accused of efficiency.



15.The German populations that had been selected for extermination had been, in alphabetical order, those of Aachen, Berlin, Frankfurt, Hamburg, Stuttgart, and Wilhelmshafen.



BIOCHEMICAL WARFARE

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agents for antipersonnel bombs would have been produced had the war continued. The city received the nation's 100th United Service organizations (USO) facility in 1943, and it proudly accepted designation as the country's foremost recruitment center of women serving in the navy (Women Accepted for Volunteer Emergency Service, or WAVES). In 1945 when the navy launched the SS Terre Haute Victory, a 10,800 ton armed cargo ship, it carried a library and recreational equipment purchased with funds raised in a city campaign.

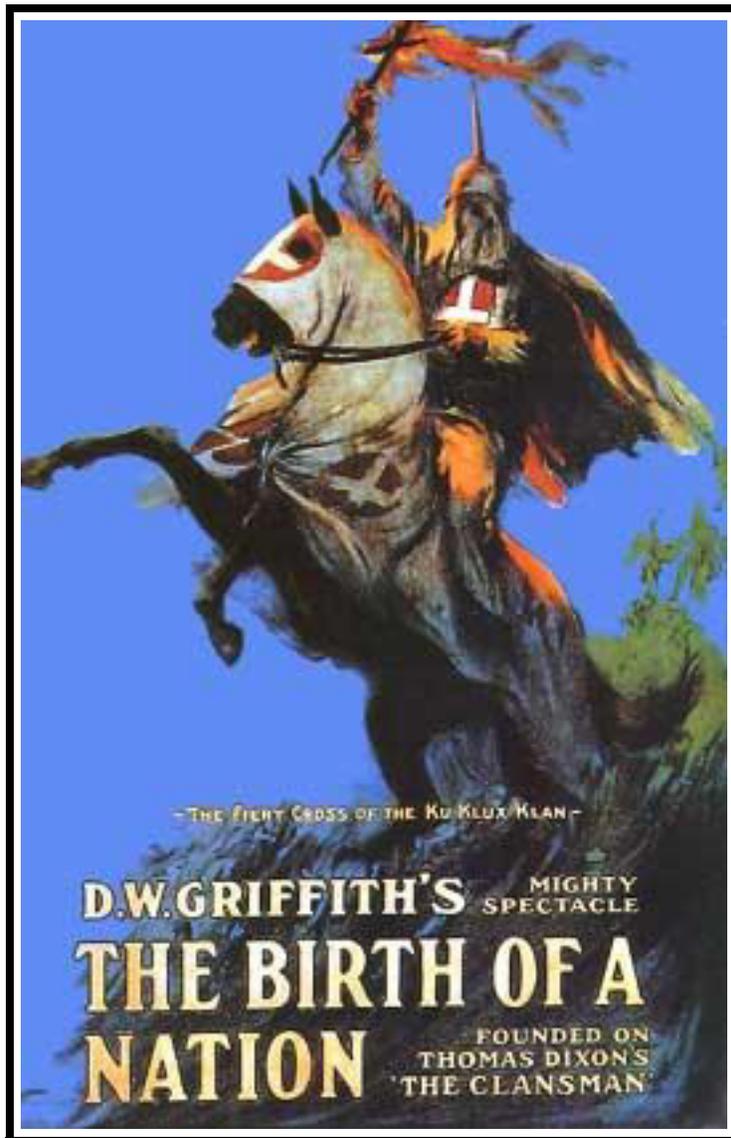
The rousing activities of the war effort – troop send-offs, victory gardens, bond sales, civil defense drills, parades, and ceremonies – only briefly diverted attention from Terre Haute's almost congenital social and economic plight. In all years but two between 1940 and 1961 the city found itself on some form of federal chronic unemployment list. New factories, such as Pfizer Chemical (1948), Allis-Chalmers (1951), Columbia Records (1954), and Anaconda Aluminum (1959), could absorb only a portion of job seekers from folded businesses. Manufacturing establishments declined from 134 in 1947 to 131 twenty years later. The community lost about 6,000 jobs between 1950 and 1960. The census tally that showed an increased of 9,807 residents in the 1940-60 period masked the loss of work places and jobholders. The census figure represented gains through annexations, including the attachment of Harrison Township in 1957, not a net gain of recent arrivals.

National magazines and state newspapers persisted in featuring the iniquities of the city. The image of a debauched community plagued local administrators. Successive mayors tried, more or less, to blot out gambling and prostitution, the volume of which, in any case, had decreased significantly from prewar levels. Isolated incidents, such as the 1957 disclosure that Terre Haute was a base for a large gambling syndicated, stoked

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the media's fires.

WORLD WAR II



BIOCHEMICAL WARFARE

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June 19, Monday: The artificial harbor area of Normandy, France, was severely damaged by storm.

French troops completed the occupation of Elba.

American troops captured Montebourg and Valognes, south of Cherbourg.

Robert Ward got married with Mary Raymond Benedict, a Red Cross recreation worker, in the [Hawaiian Islands](#).

[Japanese](#) and American carrier-based planes engaged west of Saipan resulting in the loss of 346 [Japanese](#) and 15 American planes. Two [Japanese](#) carriers were sunk by American submarines. During the 2-day battle of the Philippine Sea, a spread of 6 torpedoes was sent out by Lieutenant-Commander Kossler's USS *Cavalla* and 4 struck Captain Matsubara Hiroshi's aircraft carrier IJN *Shokaku*.



The carrier was dead in the water and aflame. One of the torpedoes had touched off the forward aviation fuel tanks near the main hanger, and planes that had just landed and were being refuelled were on fire. There were ammunition and bomb explosions, and gasoline was spewing from shattered fuel pipes. With the ship down at the bow and its fires very much out of control, the crew began to abandon ship. Volatile gas fumes had been seeping throughout the vessel and an aerial bomb exploding on the hanger deck set off a series of fuel/air explosions which simply blew the giant ship apart. 1,263 died. The 570 floaters included the ship's skipper. (The USS *Cavalla* is on public display in Galveston, Texas.)

Also during this naval engagement, Japan's largest and newest carrier, the 29,300-ton IJN *Taiho*, was torpedoed west of Guam by Lieutenant-Commander H. Rimmer's USS *Albacore*. Flagship of Vice-Admiral

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Jisburo Ozawa, the carrier sank after sparks from an electrical generator set off a fuel/air explosion and 1,650 of the ship's complement of 1,751 crewmen died. (On November 7, 1944 the USS *Albacore* would hit a mine while submerging during its 11th patrol off the coast of Japan, and its crew of 86 would die.

WORLD WAR II

Summary: The battle of the Philippine Sea opened as [Japanese](#) carrier-based aircraft attacked Fifth Fleet (Admiral R.A. Spruance) covering Saipan operation. Two United States battleships, two carriers, and a heavy cruiser were damaged. [Japanese](#) lose over 300 aircraft, and two aircraft carriers were sunk by United States submarines. The Japanese military attempted ineffectually to use [bubonic plague](#) and the [cholera](#) against American landing forces on Saipan.

GERM WARFARE

United States naval vessel sunk: LST523, by mine, Normandy area, 49 degrees 30 minutes North, 1 degree 10 minutes West

United States naval vessels damaged:

- Battleship *South Dakota* (BB-57), by dive bomber, Battle of the Philippine Sea, 14 degrees 10 minutes North, 143 degrees 15 minutes East
- Battleship *Indiana* (BB-58), by Kamikaze, Battle of the Philippine Sea, 14 degrees 4 minutes North, 143 degrees 23 minutes East
- Carrier *Bunker Hill* (CV-17), by dive bomber, Battle of the Philippine Sea, 14 degrees 46 minutes North, 143 degrees 2 minutes East
- Carrier *Wasp* (CV-18), by dive bomber, Battle of the Philippine Sea, 14 degrees 19 minutes North, 143 degrees 48 minutes East
- Heavy cruiser *Minneapolis* (CA-36), by horizontal bomber, Battle of the Philippine Sea, 14 degrees 11 minutes North, 143 degrees 9 minutes East
- Destroyer *Hudson* (DD-475), accidentally by United States naval gunfire, Battle of the Philippine Sea, 14 degrees 11 minutes North, 143 degrees 9 minutes East

TIMELINE OF ACCIDENTS

- Motor minesweeper YMS-323, by coastal defense gun, Saipan, Marianas Islands, 15 degrees 10 minutes North, 145 degrees 58 minutes East
- Ocean tug ATR-15, by grounding, Normandy area, 49 degrees 22 minutes North, 0 degrees 26 minutes West

[Japanese](#) naval vessels sunk:

- Carrier *Shokaku*, by submarine *Cavalla* (SS-244), Battle of the Philippine Sea, 11 degrees 50 minutes North, 137 degrees 57 minutes East
- Carrier *Taiho*, by submarine *Albacore* (SS-218), Battle of the Philippine Sea, 12 degrees 22 minutes North, 137 degrees 4 minutes East
- Submarine I-184, by aircraft (VT-60) from escort carrier *Suwannee* (CVE-27), Central Pacific area, 13 degrees 1 minute North, 149 degrees 53 minutes East

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"A victory described in detail is indistinguishable from a defeat."

- Jean-Paul Sartre

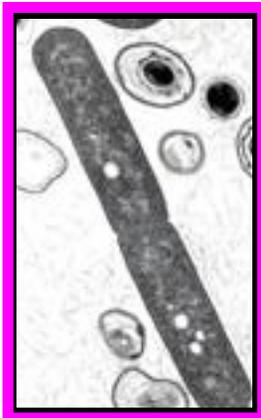


July: [George Smith Patton, Jr.](#), son-of-a-bitch of the hour, was allowed to assume command of the US 3d Army in Normandy, and proceeded to initiate the amazing "breakout" operation in which his troops attacked in four directions at the same time.



Napalm (recently invented at Harvard) was first used in the form of a bomb on a fuel depot near St Lô.

Having manufactured 5,000,000 linseed-oil cattle fodder cakes laced with [anthrax](#) earlier during [World War II](#), the British had been planning to have the RAF drop these lethal devices over the pastures of [Germany](#).



The anthrax cakes had been tested on Gruinard Island off Wester Ross, an area that would not be finally cleared of contamination until 1990. The operation was under the overall control of Dr. Paul Fildes, who was then the

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director of the biology department at Porton Down near Salisbury in Wiltshire but had previously been in charge of the Medical Research Council's bacterial chemistry unit at Middlesex Hospital. This operation, to wipe out the German beef and dairy herds and have the bacterium as a secondary effect then spread to a starving human population that had no way to protect itself with antibiotics, was with maximum irony being termed "Operation Vegetarian."

Operation Vegetarian had been ready to go since the beginning of the year. However, because the Normandy landings of the Allies were progressing smoothly thanks to fierce warriors such as General Patton, it became feasible to postpone and then abandon this devastating European germ-warfare operation so reminiscent of the germ warfare operations that were being carried out by [Japanese](#) forces on the [Chinese](#) mainland.

GERM WARFARE

July 6, Thursday: Soviet troops took Kovel, northeast of Lutsk and Svir, east of Vilna (Vilnius).

Polish troops captured Osimo, south of Ancona.

Former French Colonies Minister Georges Mandel (Louis-Georges Rothschild) was executed outside Paris (his executioners, all French Milice, would be executed).

Prime Minister [Winston Churchill](#) announced in the House of Commons that penicillin, hitherto restricted to military use, was to be made available also to victims of the V-1. The Prime Minister lectured his advisers, whom he suspected of being "uniformed defeatists" on the basis of their Marquise of Queensbury rules of niceness: "[During World War I the] bombing of open cities was regarded as forbidden. Now everyone does it as a matter of course. It is simply a matter of fashion changing as she does between long and short skirts for women." The Prime Minister told his commanders to prepare to drop 2,000,000 lethal [anthrax](#) bombs on [German](#) cities. In regard to this Britain's First Sea Lord, Admiral Cunningham, would comment: "There's no doubt that P.M. is in no state to discuss anything, too tired, and too much alcohol."

"I have taken more out of alcohol
than alcohol has taken out of me."
— Winston Churchill

GERM WARFARE

WORLD WAR II



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1945

The head of a US government commission urged “extermination of the [Japanese](#) in toto.”

[WORLD WAR II](#)

The [Japanese](#) military hatched a desperate last-minute plan to deliver [bubonic plague](#) and the [cholera](#) to the United States mainland by submarine — a sort of “Hail Mary” pass, as it were — no more Mr. Nice Guy.



They blew up the headquarters of Unit 731 in an attempt to conceal evidence of its previous activities. As part of this general attempt to cover up, Dr. Shiro Ishii ordered that the remaining 150 “logs” be disposed of. [General Douglas MacArthur](#), who would be cutting a sweetheart deal with this Japanese [germ warfare](#) activist, was named to be the commander of the victorious Allied powers in Japan. Between 1945 and 1955, our federal government would in its “Operation PAPERCLIP” be smuggling more than 700 Nazi weapons scientists into the US — but of course we couldn’t smuggle any of these Japanese germ people into our nation because, due to their race, they would have been very much too noticeable. The US State Department, Army intelligence, and the CIA were all involved, offering immunity and secret identities in exchange for work on top secret government projects inside the USA. In addition to providing the government with valuable technological expertise, “Operation PAPERCLIP” would eventually be spawning some rather more notorious programs such as “Operation ARTICHOKE” (interrogation techniques, [torture](#)) and “Operation MK-ULTRA” (mind control). Eventually, Dr. Frank Olson, the Army biochemist expert in charge of the Special Operations Division at Fort Detrick, with ties to Operation Paperclip, would fall out of a hotel window in New York City. A German documentary would report that “The search for the circumstances surrounding the mysterious death of Dr. Frank Olson begins in 1945, with the liberation of the concentration camp at Dachau, Germany.” In 1975, when the Rockefeller Commission unearthed information about CIA involvement in Dr. Olson’s fatal plunge, we would settle with the Olson family by paying them \$750,000 (the names of Donald Rumsfeld and Dick Cheney came up during the investigation).

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June 21, Thursday: The Czechoslovak government ordered that all property of collaborators was to be confiscated.

Feruccio Parri replaced Ivanoe Bonomi as prime minister of [Italy](#).

The major island of Okinawa in the Ryukyu Islands group was declared secured 82 days after our initial landing there (the [Japanese](#) attempt to use [bubonic plague](#) and the [cholera](#) against our landing forces had been as ineffective as their aerial suicide bombers or “Kamikaze”).

[GERM WARFARE](#)

United States naval vessels damaged:

- Destroyer escort *Halloran* (DE-305), by [Japanese](#) Kamikaze suicide plane, Okinawa area, 26 degrees 0 minute North, 128 degrees 0 minute East



- Seaplane tender *Curtiss* (AV-4), by [Japanese](#) Kamikaze suicide plane, Okinawa area, 26 degrees 10 minutes North, 127 degrees 18 minutes East
- Seaplane tender *Kenneth Whiting* (AV-14), by [Japanese](#) Kamikaze suicide plane, Okinawa area, 26 degrees 10 minutes North, 127 degrees 18 minutes East
- Motor minesweeper YMS-335, by coastal defense gun, Balikpapan area, Borneo, 1 degree 18 minutes South, 116 degrees 50 minutes East

[WORLD WAR II](#)



BIOCHEMICAL WARFARE

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August 8, Wednesday, 1945: [Elbert Russell](#) delivered the address that would become be distributed as THE INNER LIGHT IN THE HISTORY AND PRESENT PROBLEMS OF THE SOCIETY OF [FRIENDS](#): THE HISTORICAL LECTURE DELIVERED AT [NORTH CAROLINA](#) YEARLY MEETING ON EIGHTH MONTH, THE EIGHTH, 1945 (North Carolina Friends Historical Society).

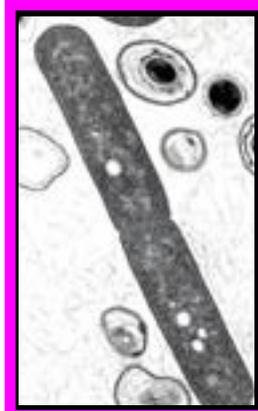
RUSSELL ON INNER LIGHT

The Allies established a [War Crimes Tribunal](#), to prosecute the war crimes that had been committed by the side that had been defeated.¹⁶

[WORLD WAR II](#)

WAR CRIMES TRIALS

Pingfan, the [Japanese](#) experimental Biological and Germ Warfare Centre in occupied [Manchuria](#), had been established by General Shiro Ichii in collaboration with an Imperial prince and cousin of Emperor Hirohito, the documentation authorizing the establishment being sealed with the Imperial Seal of the Emperor. The Experimental Units 731 and 100 of the Germ Warfare Complex at Pingfan was experimenting primarily upon Chinese and Manchurian prisoners. It is not known exactly how many Western POWs were also subjected to these experiments, but their numbers, relatively, would have been few. It is estimated that a total of some 60,000 prisoners, including the Chinese and Manchurian slave labor, died at Pingfan and Mukden. At Pingfan were 4,500 flea-breeding machines capable of producing batches of 100,000,000 fleas infected with the bubonic plague, [typhoid fever](#), [cholera](#), and [anthrax](#) every few days. This facility had been intended to save the homeland through the dropping of infected fleas on invasion forces.



[GERM WARFARE](#)

16. Guess what? [German](#) war crimes would be prosecuted, [Japanese](#) war crimes would be prosecuted, but precious little attention would ever be given, in parallel, in regard to war crimes that had been committed by the side that had been victorious!

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When Russia invaded [Manchuria](#), the [Japanese](#) government ordered the destruction of the facility. Most of the available plague-infected fleas were released (in northeastern China at least 30,000 people would perish over the following three years from plague and other diseases). After the prisoners in holding cells had been killed, Chinese and Manchurian slave laborers who had been being used around the complex were machined-gunned. Some 600 bodies were cremated in ovens similar to the ones used in Nazi death camps and the ashes dumped into the Sungari River, and the complex was then blown up. Although the terrible experiences suffered by these prisoners at Pingfan and Mukden, has been, for over 40 years, a rather poorly kept secret, it has been a rather poorly kept secret that few of us have wanted to be aware of. Except for one or two, the Japanese scientists and doctors at Mukden or Pingfan would not be brought to justice, because they had been granted an immunity deal by [General Douglas MacArthur](#) and were providing us with their scientific data.



Fill my cup with your poisons.

BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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Repeatedly, requests by war crime investigators for the arrest of General Ishii and Imperial Prince Takamatus (Emperor Hirohito's brother) would be rejected at MacArthur's headquarters. About 35 of these scientists and doctors would hold top positions in postwar [Japanese](#) scientific and medical institutions. General Ishii would succumb to throat cancer in 1959.



This sort of conduct is readily comprehensible, to Disney, ABC, and radio personality Paul Harvey:

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"For what it's worth, after the attack on Pearl Harbor, [Winston Churchill](#) told the American people, "We didn't come this far because we are made of sugar candy," and that reminder was taken seriously. We proceeded to develop and deliver the time bomb, the bomb. Even though roughly 150,000 men women and children perished in Hiroshima and Nagasaki, with a single blow [WWII](#) was over. Following New York's September 11 Pearl Harbor [Winston Churchill](#) was not here to remind us. That we didn't come this far because we're made of sugar candy.



So, we mustered our humanity. We gave old pals a pass. Even though men and women from Saudi Arabia were largely responsible for the devastation of New York, and Pennsylvania and our [Pentagon](#), we called Saudi Arabians our partners against terrorism and we sent men with rifles into Afghanistan and Iraq, and kept our best weapons in their silos. Even now, we stand there dying. Daring to do nothing decisive because we've declared ourselves to be better than our terrorist enemies. More moral, more civilized. Our image is at stake, we insist. But we didn't come this far because we're made of sugar candy. Once upon a time, we elbowed our way onto and across this continent by [giving smallpox-infected blankets to Native Americans](#). That was [biological warfare](#). And we used every other weapon we could get our hands on to grab this land from whomever. And we grew prosperous. And yes, we greased the skids with the sweat of slaves. So it goes with most great nation-states, which -feeling guilty about their savage pasts- eventually civilize themselves out of business and wind up invaded and ultimately dominated by the lean, hungry up-and-coming who are not made of sugar candy.

- Disney/ABC radio personality Paul Harvey,
expressing family values on June 23, 2005

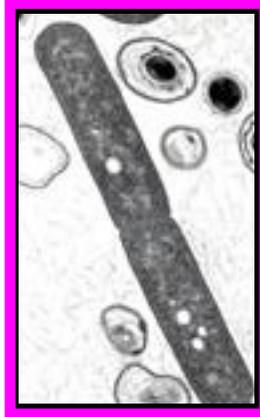


BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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Winter: In England, the 5,000,000 anthrax-infected cattle cakes that had been prepared for Operation Vegetarian's destruction of the cattle and people of the countryside of [Germany](#), no longer to anyone's benefit, were incinerated in a furnace at Porton Down. The war's over, let's not leave this wickedly infectious and deadly stuff lying around — and maybe nobody will ever know what it was that we had been up to while we were consumed by the frenzy of war.



[WORLD WAR II](#)

[GERM WARFARE](#)

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1946

In Wisconsin, [Joseph Raymond McCarthy](#) was elected as a Republican to the United States Senate. In the primary election he had defeated fellow Republican Robert M. La Follette, Jr., who was a “coward” who had failed to serve his nation (when the Japanese had struck at Pearl Harbor, La Follette had been 46 years of age), and then in the general election he had defeated Howard McMurray, in part by alleging that this Democratic candidate was being supported by Communists.

UNAMERICANISM

In the Senate, McCarthy would achieve an exceedingly bad reputation, with angry colleagues accusing him of lying, and of insulting them — eventually the Republican leadership would exile him from the Banking Committee to the District of Columbia Committee, their doghouse where they considered that he would be able to do little harm.

MCCARTHYISM

A reading room set up in Bad Homburg, Germany by the Psychological Warfare Division of the US Army was at this point relocated to Frankfurt am Main and redesignated as the first of what would become *27 Amerika-Häuser*.

The US Army issued to General Electric a contract for “[Project Vulcan](#).”

GATLING'S MACHINE GUN

The federal government of the USA secretly cut a deal with Dr. Shiro Ishii and other leaders of the [Japanese Army](#)'s infamous Unit 731 by which we were to be provided with hands-on [germ warfare](#) experience gained largely from human experimentation, in exchange for us forgiving their war crimes (it would take the following couple of years for this deal to be formalized — but while the Tokyo War Crimes Trial of the International Military Tribunal for the Far East would be going on, between April 29, 1946 and April 16, 1948, none of these people would be being suggested as defendants).

WORLD WAR II

SECRET MEDICAL EXPERIMENTS

CHANGE IS ETERNITY, STASIS A FIGMENT



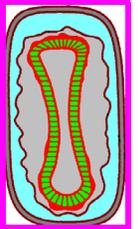
BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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1947

[Albert Camus](#) concluded –in his novel *LA PESTE* (THE PLAGUE, 1948) in which he utilized [smallpox](#) as a dual metaphor, representing within this context not only moral disease but also, paradoxically, life in general with its “misfortune and instruction”– that such plaguishness should never be expected to be banishable from the face of the earth. Plaguishness “can remain dormant for years in furniture and bedding ... it waits patiently in bedrooms, basements, trunks, hankies and red tape.” We might also expect that it must lie waiting in the countless unenumerated secret test-tubes of the countless unenumerated [secret bio-war laboratories](#) of various governments/terrorist organizations.



January 8, Wednesday: Colonel E.E. Kirkpatrick of the US Atomic Energy Commission issued a secret document (Control #07075001) laying plans for the agency to administer intravenous doses of [radioactive substances](#) to human subjects.

[SECRET MEDICAL EXPERIMENTS](#)

The British steel industry closed down due to a shortage of coal.

British troops completed the evacuation of Alexandria, [Egypt](#).

“MAGISTERIAL HISTORY” IS FANTASIZING: HISTORY IS CHRONOLOGY

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1950

In an experiment to determine how susceptible an American city would be to biological attack, the US Navy sprayed a cloud of bacteria from its ships, over the city of San Francisco. Monitoring devices situated throughout the city probed the extent of infection as many citizens exhibited pneumonia-like symptoms. There was one civilian death (the military would eventually acknowledge having conducted, between 1949 and 1969, 239 separate such open air tests of biological agents).

GERM WARFARE

During the decade of the 1950s, CIA researchers into mind-altering substances would be slipping stuff into people's drinks to figure out how to control their behavior. Psychotic episodes would sometimes be produced (that would be, of course, an accident, although entirely predictable, and deeply regretted, although considered necessary). During this year the US Army continued biological warfare tests that it had initiated in the previous year, using a *Serratia bacteria* microorganism which its weapons specialists deemed harmless for a [secret medical experiment](#) in San Francisco. Three days after the city had been blanketed, people began to come to a local hospital with *Serratia* infections. Eleven citizens had serious [infections](#) and one of those eleven died. (That was, of course, an accident, although entirely predictable, and deeply regretted, although considered necessary. Army scientists would continue to spray unsuspecting American civilians with these so-called harmless bacteria for the following 19 years.)

GERM WARFARE

Joseph Hamilton, the scientist in charge of radiation experiments at the University of [California](#), sent a memo to Shields Warren, director of the Atomic Energy Commission's Division of Biology and Medicine, suggesting that they ought to use large primates such as chimpanzees instead of human test subjects in a [secret medical experiment](#) that was being planned on the cognitive impact of high doses of [radiation](#). The use of humans might leave the AEC open "to considerable criticism" since the experiments as proposed had "a little of the Buchenwald touch." (When a copy of this incriminating memo would in a later timeframe be uncovered in the library archives, the response of the university administration would be to make Hamilton's papers off-limits to researchers.)



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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November 29, Wednesday: President [Harry S Truman](#) warned the world that the US might use any weapon in its arsenal, obviously referring not to the new conventional weapon napalm that had been invented at Harvard University and was already in extensive application but to our nuclear/biological/chemical capability.

[CHINA](#)
[KOREA](#)



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1951

During this year [Charlie Maddox](#) escaped from the Indiana Boys School at Pendleton just southwest of Indianapolis and came hitchhiking down Old National Highway US40 past my grandfather Charlie Mattox's farm behind the clay factory outside Brazil, Indiana. I'm sure the similarity in name must have been intriguing, because Charlie Maddox (better known as [Charles Manson](#)) was a young orphan and my grandfather Charlie Mattox had been a "home boy" — an orphan who had been allowed to live in someone's barn and eat their food while growing up, as a sort of child farm laborer. I'm sure also that although my grandfather might have given this lad some food, he wouldn't have offered any money or other help — he having been an exceedingly harsh and bitter person whose motto was "Nobody ever did nothin' for me" (an early Libertarian, so to speak).

[ASSLEY](#)

As a [secret medical experiment](#) testing our preparedness for Nuclear/Biological/Chemical warfare, the US Army contaminated the Norfolk Naval Supply Center and a ship docked there with infectious bacteria. Tests would continue through 1969 and there is concern that civilians in the surrounding areas have been exposed. One of the bacteria types that had been used had been chosen because it was known that blacks were more susceptible to it than whites. —In an integrated armed forces, we evidently needed to verify the "preparedness" of our black sailors, in particular.

[GERM WARFARE](#)



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1952

The current structure of questions for the verbal section of the Scholastic Aptitude Test (SAT) was established: reading comprehension, analogies, antonyms, and sentence completion questions.

In 1945 the atheist mother Vashti McCollum had brought legal action against the public schools of Champaign, Illinois, in which school officials had coerced and ostracized her 8-year-old, depriving him of his [Constitutional](#) freedom of religion, by allowing him to be instructed about God by members of a local religious association in a public school classroom during regular school hours. When she had brought a lawsuit alleging that this constituted a forbidden establishment of religion, in violation also of the Equal Protection Clause in the [XIVth Amendment](#), during 1948 the United States Supreme Court had ruled 8 over 1 in [McCollum v. Board of Education, 333 U.S. 203](#) that it was illicit for a state government to be aiding in the teaching of religious doctrine in tax-supported school buildings in its compulsory educational system. This had directly challenged my mother [Mildred Geraldine Mattox Smith](#), who was offering “nondenominational” religious instruction to public school children in the schools of Indiana. But then during this year there was [Zorach v. Clauson, 343 U.S. 306](#). Mother would be able to continue to support her son and daughter, while nationwide the number of such religious classes offered in the public schools was dropping by 12%, continue to be able to bring home the bacon, because her program was no longer in violation of the Establishment Clause of the 1st Amendment or the Equal Protection Clause of the XIVth Amendment — in that her religious instruction not only received no public funds but also was not being held within the heated space of the public school building.



SEPARATION OF CHURCH AND STATE

Little pighouses on skids had been slid through the mud by local farmers to reside in the cornfields adjacent to the school lots, and the children were being bundled up in their winter coats and galoshes to be herded along in single file into these unheated basic structures, one per schoolhouse, to receive my mother’s religious instruction. My mother was no longer receiving the monthly stipend with which she was compensated, from the coffers of the public schools, but was receiving it directly from charitable contributions made by local Protestant churches (I might mention, entirely minimal charitable contributions — her total stipend was \$204/month).

Needless to say, \$204 was not enough to sustain a single mother for a month, when she had 2 kids to feed. It was a fairly standard thing, for our mother to need to borrow \$20 from a friend toward the end of the month, in order to be able to feed us until she received her paycheck. In addition, we made frequent trips from northern Indiana to southern Indiana, down US40 to Brazil, Indiana, in our '49 Ford that had no brakes to speak of except for the hand brake lever between the seats, and head south with our trunk and rear compartment full of empty Bell jars, and then head back north with the trunk and rear seat loaded down with Bell jars full of Grandmother’s home canning. My position in the car would be curled up on the ledge inside the rear window, which was the only available space.

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I remember that once, one of the Bell jars had suspicious mold on it, and a protruding rubber seal ring, and the corn kernels near the top of that jar were white rather than yellow, and topped by froth. I remember I cautioned Mother about this, that this probably meant that the food was spoiled and it would kill us to eat it. Later on, in the basement of our house in Wabash, Indiana, I noticed that this suspicious Bell jar was back behind the others on the shelf, and again I cautioned Mother about this. She refused to throw it away, responding only by promising that we wouldn't open this one unless all the other food was gone and we had nothing else to eat.



This was at approximately the same time that Mother took out a Prudential term life insurance policy on my life, with herself named as the beneficiary. She explained that since I had had in my childhood a serious illness, I was at risk of dying and this was to make certain that I could at least be provided with a decent burial.



BIOCHEMICAL WARFARE

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1953

The US military released clouds of zinc cadmium sulfide gas over Winnipeg, St. Louis, Minneapolis, Fort Wayne, the Monocacy River Valley in Maryland, and Leesburg, Virginia. Their intent was to determine how efficiently they would be able to disperse chemical agents.

CHEMICAL WARFARE

The Central Intelligence Agency (CIA) initiated Project MKULTRA, an 11-year research program designed to produce and test drugs and biological agents that might prove useful for mind control and behavior modification. Six of the subprojects of Project MKULTRA would involve testing such agents on unwitting human beings.

GERM WARFARE

Joint Army-Navy-CIA experiments were conducted in which tens of thousands of unwitting citizens in New York and San Francisco were exposed to airborne *Serratia marcescens* and *Bacillus globigii* — considered harmless.

GERM WARFARE

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1954

July 1954-June 1955: My job working the soda fountain at Gackenheimers Pharmacy was coming to an end because Mr. Gackenheimers son was reaching the age of 12 and needed to have my job so as to gain work experience. At the fountain I met a cross-eyed man came to town to sell Fuller Brushes door-to-door. At the time there was a "Green River Ordinance" prohibiting cold calls at people's homes, but this was effective only when they posted a "NO SOLICITATION" sign. In this period, also, an "Ugly Law" made it an arrestable offense for a deformed person to solicit alms from members of the general public, but this applied to beggars rather than to someone offering goods in exchange. His trick, therefore, was to ring someone's front door bell, and then make them uncomfortable after gaining entry by allowing his right eye to rotate until he was staring at his nose — they would quickly purchase a brush to get him out the door. On one of my last evenings behind the soda fountain I met this cross-eyed Fuller Brush man and he offered me a job "on his team." He would work one side of a street while I worked the other, and at the end of the evening he would buy my sales tickets at half price. He explained that according to a common belief what a pregnant woman saw might create a "maternal impression" that would imprint itself on her embryo. He mentioned that when a pregnant woman in Chicago witnessed a streetcar accident in which a child's head was crushed, her infant was born with no skull. He taught me how to get my foot in the door and then make a Wabash wife uncomfortable by turning sidewise to reveal my deformity. This worked well.

However, I blew this job away. His had gotten his girl friend expelled from public school for pregnancy, so he paid me to tutor her in mathematics. She was sickly, with what she described as a "prolapsed uterus" after childbirth, but she and I got sweeter and sweeter on each other until one evening after her little girl had gone to sleep, we moved from the table to the bed that was right next to it. I couldn't get anything more than the glans of my penis into her vagina, because the shaft of my penis due to my spinal deformity was too far back between my legs. Because I was in her by only less than an inch or so, the glans kept slipping out despite the fact that I had a rigid erection, and she had to keep reaching down and positioning me so that I could re-enter. I managed an ejaculation before my boss came home unexpectedly. He acted all hurt and his eye was crossing badly when I met him in his car to give him back his heavy suitcase full of brushes and samples, so I tried to explain that I had needed to find out whether with my bodily configuration —my penis being way back between my legs where it could hardly protrude at all, and my lordosis making it difficult for me to arch my back at all— I was capable of entering a woman. He asked me "Well, could you do it?" and I confessed "It kept slipping out of the hole and she had to keep putting it back." I got the impression this made him feel better (that is, his eye stopped crossing).

Then I went to work in the spectrography lab at Wabash Smelting Company for 75 cents an hour. Having constant unsupervised skin contact with metallic mercury and breathing unvented metal alloy vapors, I began having delusions and became depressed. Molten aluminum exploded up a scrap piece of wet aluminum tubing being fed into the furnace, and hot metal was sprayed onto the underside of the roof and it caught on fire. At that plant there was constant labor unrest. When my boss Hans Theodore Zink demanded a raise and got fired, the plant manager promoted me to his job as the plant's spectrographer, but I lasted only a week or so before they realized that although I had been taught to run the samples, and expose and develop the film and read the densitometer and fill out alloy reports, I had no idea whatever of how to recalibrate the laboratory equipment in between furnace batches.

At the time my mom [Mildred Geraldine Mattox Smith](#) was pitching the woo with [Garland Jester](#), a widower farmer whose farmhouse and barn were north of Wabash, near Lagro. The farmer had a little daughter I don't



BIOCHEMICAL WARFARE

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remember much about, plus a teenage daughter [Sharon Ann Jester](#) who had had some rather serious ailment (perhaps rheumatic fever, how would I know?) and who was still repulsively sickly and ratty-looking. Sharon was somewhat older than me, and of course she despised me. Mr. Jester also had a older son Max Eugene Jester, which his son had been haying when his “Greetings” letter had arrived to be drafted into the US Army during the Korean “police action,” and had seen it at noon in the house over lunch. The story I was told was that Max had gone back out to the hay-baler, positioned his trigger finger on the cutting edge, and allowed the reciprocating shear to slice it off. We, my mother [Mildred Geraldine](#) and my little sister [Carolyn Jane](#) and I would drive out to the Jester place, and after awhile my mother would vanish upstairs with [Mr. Jester](#). To pass the time [Carolyn](#) would run around with the younger daughter, whom I only vaguely remember, and I would sit and play the piano in their living room.¹⁷



On one of our visits I was playing the piano and singing and the women were in the kitchen. At the time as I remember my voice had changed or was in the process of changing. I used to sing with a quaver, before my voice changed, but I suspect that the quaver was gone by this point in time. The sheet music they had was of the currently popular tune “Moon River.” All of a sudden the elder daughter, [Sharon Ann](#), came at me from behind and I felt a click against my teeth. In reaction I sort of let out a blast of air, or spit or something, and suddenly there were yellow and gray corn bits all over the sheet music in front of me. I had not actually taken into my mouth any of this stuff she had had on her spoon, but some of it had touched my lips and my mouth quickly became numb. I went into the kitchen and there sat my mother with a Mason jar of home-canned corn

17. Googling, I discover that [Garland Jester](#) had been born on December 8, 1905 in Wabash County and had married with Lucile Kathryn Urschel, born on June 22, 1908 in Huntington County. This couple produced a son Max Eugene Jester born in 1932 who became a veterinarian, a daughter [Sharon Ann Jester](#) born on December 14, 1935 in Lagro who would die on June 27, 2002, and a daughter [Sandra D. Jester \(Hartman\)](#) born on February 29, 1940 in Lagro who would die on April 17, 2011. Lucile Kathryn Urschel Jester had died in 1945 at age 36. [Garland Jester](#) never remarried, and died in Lagro during August 1983 at the age of 77.

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kernels open on the table in front of her. I remembered this can of corn, it had been sitting on the shelf in our basement at 723 Spring Street in Wabash, Indiana for the longest time. Mother had evidently brought this out from our basement to the Jester farm. The corn in the Mason jar had been blanketed on top with the most deadly and immediate poison in existence, anaerobic botulism, a nerve toxin that immediately and completely paralyzes the breathing muscles.¹⁸ Mother was literally rolling with nervous giggles at the Jester kitchen table, bent over in hilarity at her and Sharon’s “practical joke.” I had never before seen her in such a paroxysm.

Divorce Rate in the United States

(per 1,000 population)



- 1944 My spine twisted and our father abandoned his family.
- 1954 My mother attempted to poison me with botulin toxin.
- 1961 I discovered on my wedding night that I was unable to produce more than about an inch of penetration, at best.
- 1965 Cara Maria Meredith
- 1967 Anna Michelle Meredith
- 1969 Gregory Austin Meredith
- 1971 Guy Duramen Meredith
- 1972 My wife divorced me, informing our children that they were the products of four different unidentified men, rather than being my daughters and sons.

The explanation arrived, that they had wanted to find out whether the corn was fit to eat and Sharon had had the idea that they should first try it out on me. They had carefully spooned off the layer of mold to get at some kernels that looked OK. By this point in the explanation of their “practical joke” my tongue wouldn’t work, and I could hardly breathe. Mom, she simply couldn’t stop giggling.

Deformitas vincit omnia

18. This was the same botulinum toxin that the CIA would put on the butt of a cigar intended for [Fidel Castro](#) some 6 years later — what goes around comes around.



BIOCHEMICAL WARFARE

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Clearly, I had not ingested enough of the poison for my breathing apparatus to become poisoned. I went out and stood on the gravel between the farmhouse and the barn, while I tried to get my lips and my tongue to work again. They were numb and I could not enunciate words. It took a few hours of my head spinning, really for me to grasp that my own mother had made an attempt to put me to death. —Perhaps then I deserved to die. It would take a few days after this, for me to figure out that what had been going down was, hoping that Mr. Jester would propose, my mother had recognized that her deformed son was a decided liability. The two of them, she and [Garland Jester](#), had been adding up the months, how long they would need to wait for my high school graduation ceremony upon which I should go away — and then Mr. Jester could get married with her without needing to consider adopting a deformed son.

BIOTOXINS

Previously, my mother's purchase of a Prudential insurance policy, to pay for my burial should I de cease, had not had any particular emotional impact — that might have been interpretable as mere parental concern, or might have been mere susceptibility to a smooth Rock-of-Gibraltar insurance salesman out of Chicago. I had been regularly paying the 25-cent premium out of my pay for washing dishes at night at the Penguin Point drive-in, a job that was worth 35 cents an hour. I hadn't thought of a child burial policy as alarming or unusual. After this abortive joke, however, somehow the nature of my thinking came to be altered. I realized the harm that my existence was doing in my mother's life. I did not exactly become suicidal but I had come fully to recognize that the world would be a better place for my loved ones —easier— were I to somehow become no longer a part of it. I purchased, at the army surplus store across the street from our home at 723 Spring Street in Wabash, a small metal ammo can, pint size maybe, and purchased at a hardware store downtown a metal gate clasp and a key padlock, and took these items to a metal shop in Wabash to have this clasp roughly spot-welded onto this can. I purchased rat poison, cyanide, at the Gackenheimer's Drug Store and kept this under my bed in my new little locked container. I was never inclined to unlock the can and make use of my escape mechanism but, somehow, it was comforting to have it at hand (upon graduation from Wabash High School, the final thing I did before putting on my backpack and beginning to hitchhike to Los Gatos, California was flush this stuff down the toilet — in order to ensure that my little sister [Carolyn Jane](#) wouldn't be getting into it).



I had never tattled on my grandfather [Charlie Mattox](#) for having sprayed untreated cow's milk into my mouth, causing me to contract bovine tuberculosis and producing in my spine a lordotic configuration. At this point I somehow decided that I needed to keep as well my mother's secret, that she had attempted to murder her own son. I needed to make sure that my little sister [Carolyn Jane Smith](#) never found out about this — she loved her mother and her mother loved her and she wasn't causing any problem in the family that would put her in any danger that Mother might try to do to her what she had tried to do with me. In point of fact now, as of 2017, I have kept my mother's secret through her lifetime and "[Janey.](#)" who is still alive, has never been faced with this awareness.

PS: On February 27, 2017 Professor Alexander George of Amherst College contributed a piece to the [New York Times](#)'s "Stone" column that resonated with me. I sent him an email expressing my thanks, to which he has kindly but briefly responded:

> "... poisoning the wells. In the context of reasoning, the technique stems from the following fact: We do not assess whether a claim is reasonable simply by thinking about that claim in isolation. Usually, we relate the claim to a body of beliefs we already hold. Relative to that corpus of accepted beliefs, we decide whether the new claim is a reasonable one to make. Given this feature of reasoning, one sees how our very capacity to

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assess claims can be radically undermined if one poisons the body of beliefs relative to which we normally judge matters. If we don't know which of our background beliefs to trust, then how can we appeal to them in deciding whether to believe a new claim? And since that is usually the only way of deciding these matters, such a poisoning of the wells of belief leaves us powerless to make any further decisions about what to believe. Behind every great philosophical skeptic there lies a well poisoner. And there is no more bravura performance in the history of philosophy than René Descartes's 'Meditations on First Philosophy.' He begins by trying to show that none of his beliefs about the everyday world around him can be maintained. These include such obvious beliefs as that he has two hands, that there are other people moving around him, that mountains do not fly, and so on. How does he do this? He poisons the wells! What are the wells in this case, what is the source of our confidence in such beliefs?

Our confidence in these beliefs rests on our confidence that our sensory apparatus, our eyes and ears, delivers accurate information about the natural world. What Descartes proceeds to do is sow doubt about the reliability of our senses through a series of ingenious arguments, which includes famously raising the possibility that we are dreaming. He proceeds like the enemy army that sees the inefficiency in denying individual households access to the communal water supply and instead opts for the expedient of well poisoning, which in one fell swoop achieves the general goal. In fact, Descartes eventually does such a thorough job of poisoning the wells of belief that he is left with virtually nothing he can believe at all."

Professor George, I've just read your "Stone" column of today, and it really resonates with me. I am a 79-year-old retired man now, but once upon the time I was a 15-year-old venturing out into the world with a severely twisted spine. I experienced this poisoning-of-the-wells phenomenon, because my family of origin in Indiana was Lutheran and had been attempting to beat Satan out of me in order to make my spine straight. Failing to beat my spine straight, my maternal grandmother supplied my mother with botoxin poison from her home canning of creamed corn, and my mother took out a life insurance policy on me and attempted to poison me. She failed because I locked my teeth and refused to allow the spoonful of corn into my mouth – the very click of the metal of the spoon against my teeth was enough to produce a temporary paralysis of my lips and tongue. The result of this betrayal by my family and my religion was that I began to equate religion with hypocrisy. I began to search for something upon which I could safely construct a connection with the real world.



BIOCHEMICAL WARFARE

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Reading about Descartes's "I think, therefore I am," I became a teenage solipsist, determined to credit nothing that could be doubted. It took me 5 years of college study of philosophy to work myself out of that trap. For a period I became a "foundationalist" believer in symbolic logic and logical positivism, until eventually I was able to get myself out of that by considering the Gödel/Turing/Church proof that such foundationalism was inherently and inescapably self-contradictory.

Well, that was all many many years ago, I have spent my working life as a database expert in Silicon Valley, and this morning I read your column where you talked about such matters, and believe you me, I really related to it. Wow, isn't that the story of my life? Thank you.

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1955

When American spy [Richard Helms](#) dug a tunnel beneath East Berlin that would for 11 months be used to tap into Soviet phone lines, he could surely expect that at least some useful intelligence would be obtained. However, the Soviets knew about this effort from its initiation and were merely toying with us.

The CIA, in an experiment to test its ability to infect human populations with biological agents, released a bacterium from the US Army's biological warfare arsenal, a bacterium which, it had been assured by the Army, was relatively benign, into the air above Tampa Bay, Florida.

GERM WARFARE



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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1956



There had not been a major outbreak of the [yellow fever](#) in the US since 1905. The US military therefore released mosquitoes carefully pre-infected with the [yellow fever](#) over Savannah, Georgia and over Avon Park, Florida, reasoning that if a major outbreak of the [yellow fever](#) were to occur, it would clearly have been caused by these treated war mosquitoes, and this would demonstrate their effectiveness as a weapon of combat.

Following each test, Army agents posing as public health officials cruised around looking for impact among the various populations of unsuspecting civilian test subjects.

GERM WARFARE
SECRET MEDICAL EXPERIMENTS

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1958

The Chemical Defence Experimental Establishment at Porton Down, Britain, developed the binary nerve agent VX. This agent was more stable in storage than Sarin and Soman and would soon become the mainstay of North American and Western European chemical warfare stockpiles. The patents for the agent would be published in 1974. The Soviets, meanwhile, would continue to prefer using thickened forms of the older German agents until the early 1990s, when they would begin replacing their aging Sarin stocks with the vastly more stable (and lethal) Novichok (“Newcomer”) series of binary biotoxins. To date, none of these military agents have proven to be as lethal or persistent as the 4,000,000 gallons of Agent Orange we dumped on Southeast Asia during the [Vietnam](#) War.

GAS WARFARE

The federal Congress brought a “GRAS” rule into effect with a Food Additives Amendment to the Federal Food, Drug, and Cosmetic Act. Henceforward the food industry would not be obligated under sections 201(s) and 409 to spend any money on any safety testing whatever, on a substance “generally recognized, among qualified experts, as having been adequately shown to be safe under the conditions of its intended use.” Under FDA regulations 21 CFR 170.3 and 21 CFR 170.30, all that was needed was to certify that the substance had already as of 1958 commonly been consumed by a significant number of customers — the way [ersatz saturated fats](#) had, for instance, been being consumed for very many years by very many people as a perfectly safe but affordable source of necessary nutrition. “Testing for healthfulness? –Let’s not, and say we did.”



BIOCHEMICAL WARFARE

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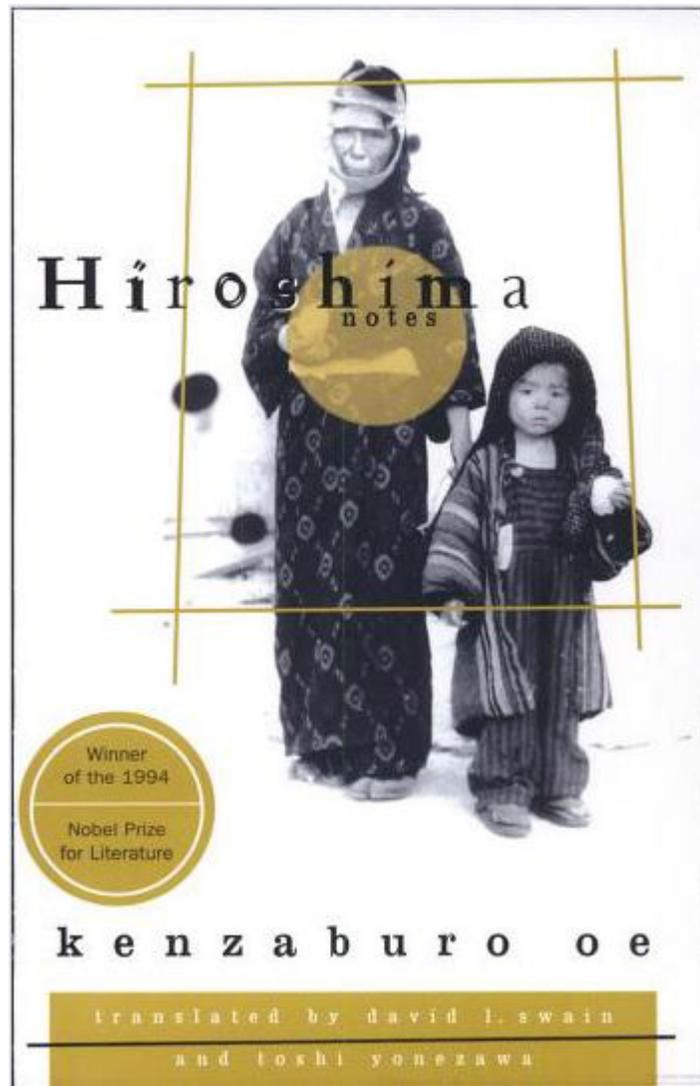
1960

The US Army Assistant Chief-of-Staff for Intelligence (ACSI) authorized [field testing of LSD](#) in Europe and the Far East. Testing of the European general civilian population was assigned the code name Project THIRD CHANCE, while testing of the Asian general civilian population was assigned the code name Project DERBY HAT.

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1965

Kenzaburo Oe visited [Hiroshima](#), and has truly learned its lesson:



This was the year in which I was working at P&G in [Ohio](#) and in which I would be fathering my first child, Cara María Meredith — who would be born with multiple allergies and with a highly unusual big red semicircular mark outside the hairline, squarely in the middle of her forehead. When I saw my baby for the first time, at the hospital through the glass window, I sought out and interrogated the obstetrician, to be assured

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that no “spoon” had been used during Cara’s delivery.

ASSLEY



Mr. Proctor

Mr. Gamble



Then I wrote off to Fort Wayne, Indiana, to inquire about some radiation treatments I had received as a child. At one point during my high school years I had had a severe case of crotch itch, due to an “athletes-feet” infection that had gotten into the raw area where, because of my twisted spine, my legs were rubbing together as I walked. The radiologist, I remembered, had not placed a lead cup over my testicles, but instead had had me cup my testicles in my hand and pull them to the side while he probed here and there between my legs with his blunt-nosed X-ray head. By return mail I received a most reassuring response from this radiologist. There was no possibility that my genetic material had been harmed by his radiation treatments during the early 1950s, because his records showed that he had placed an aluminum plate of a certain thickness over the radiation head. Any radiation that had passed through that metal plate and reached the skin between my legs had stopped right at the surface, in the inflamed target skin layer that was infected with this organism. I need have no worry that I had harmed my infant daughter through having these childhood X-ray treatments. The unusual birthmark outside the hairline was not genetic, or if it was genetic, it was not due to radiation damage.

Now I need to get ahead of my story, by taking into consideration some US Army [secret medical experiments](#) that would not be disclosed until 1969 [→](#) and 1976 [→](#) and 1987 [→](#) that I would not myself figure out until 1995. [→](#) Was it damaging to me or to my baby, for me to be sitting for eight hours a day five days a week at the Cincinnati Toilet Goods Plant of Proctor & Gamble hunched over the shoulder of a time study engineer who was at the time being murdered by our government, with internal doses of highly radioactive Plutonium that were being administered to him by a radiologist under government military contract at the University of Cincinnati? Did my daughter receive her highly unusual outside-the-hairline birthmark due to radiation damage to my sperm? I simply don’t know, not being myself able to calculate with any assuredness how much the high-energy neutron bullets emitted by [Pu238](#) are dissipated at the square of the distance in an average distance of two or three feet, passing through another person’s body before entering my own gonads. –And, we can be assured, nobody in the US government is ever going to be eager to tell us even if we could ever be prepared to trust the word of such an agent.

This was the year in which, after having received my honorable discharge as an officer from active duty with the USMC, I had on a bitter cold day interviewed in Cincinnati, heavily dressed, at the Toilet Goods Plant of the Proctor & Gamble Corporation, and had been hired as a job study engineer, my first post-college civilian career employment. That spring it got warmer and warmer, until I was the only one in the plant who was still working in my suit jacket. Finally, after it had been announced that we might all switch to short-sleeved shirts for the summer, and after being asked a number of times why I did not shed my suit jacket in this heat in this building entirely without air conditioning, I felt that too much attention was being paid, and so I shed my jacket.

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They of course had not recognized that they had hired a man with a deformity. I had been too heavily dressed during my employment interviews, for this to have been noticeable. I could tell that there was shock.

I tried to bull it out. I said nothing, and of course, they said nothing whatever. But the way this twisted spine worked out was that idle rumors began to circulate around the factory floor, about my presumed lack of a sex life. A man with a twisted spine obviously wasn't getting any action out of the local babes, such as the various young ladies on the assembly lines who had a local reputation for possessing round heels. (The fact that I had been married for 4 years and the fact that my wife had an infant in the oven didn't figure in this at all, as the personnel who were indulging in these randy speculations had no interest in me as a real person.) The rumors about my lack of a sex life then, however, morphed into a series of inventive jokes about me as a masturbator. One of these jokes had it that I was sneaking out to my car during working hours to indulge in my masturbation habit.

After awhile my job title and training was unexpectedly and unilaterally changed and I was sent out from the plant to the warehouse, as their new "warehouse manager."

Then one day the plant manager summoned his new "warehouse manager" to his office. He took me to a window from which I could look out over a parking area, and asked me if this view gave me any ideas. I was of course baffled, not yet having heard of the masturbation jokes that were making the rounds. Then he told me that my "one-year conditional employment," my "trial period," had not worked out and was coming to an end, and that at the end of the month my services would no longer be needed, so my first and only job obligation from that time forward was to find myself another position, outside the Proctor & Gamble Corporation. (This was of course the first I had heard of any such thing as conditional employment, or a trial period.)

As I left his office after thus being summarily fired, I stopped and spoke with the secretary at the desk, an aging lady whom I knew. She joked "AM, how are you in the PM?" –something which had been her standard remark for a number of months– and then she told me a story about some person who had masturbated in a car outside the plant. I asked "Was this a visiting salesman or something?" and she said, mysteriously, "No, this was a P&G employee."

After I got home, Plant Personnel called me and told me to meet them the next morning in the parking lot, for a conference in a parked car. I was not to attempt to enter the facility. They came out to my car and invited me into their car and advised me that during the last month of my employment, the plant guards had been given copies of my resume photograph and instructed to refuse me entrance. They asked me to scribble a list of the personal items from my desk that they should put in a box and bring out to me.

Some time later, after I had secured other employment with General Electric (as a contract administrator for the purchase of fuel nozzles for jet engines), while shopping in a tropical fish store in a suburb of Cincinnati, I met one of the warehouse employees whom I had supervised at P&G (this was a chunky short young man whom I had always been wary of, because I had noticed how he had a real chip on his shoulder against any authority and did a slow burn whenever I had given him a work assignment). He wanted to talk to me about what a bum deal I had gotten, and to create common cause with me he proceeded to provide me in some detail with the masturbation jokes that had been circulating about me, that had continued to circulate through the P&G culture even after my termination. He then told me how much he admired me, for being able to cope with this stress without actually going berserk and starting to kill people (the conversation, I think, was more about his own mental climate than about mine, since I had already had a lifetime to become accustomed to receiving such abuse, and he was the participant with the obvious smoldering fuse).



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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I have a general remark to make here, about something I had learned, that I had occasion to relearn during this particular episode of my life, and would be given occasion to relearn again in other subsequent episodes of my life prior to the eventual rightward rotation of the curvature of my spine. It is a general remark that may be of some use to someone. Here it is: if there is something very unfortunate about your life, that you simply cannot righteously be criticized for (such as, in my own case, a spine unfortunately twisted by a childhood illness, something for which no-one could ever –righteously– abuse me), people will proceed to find something else unfortunate about your life, something that indeed they can –righteously– criticize you for (such as, in my own case, the general concept that since a deformed man obviously cannot get chicks, I as a deformed man must be a solitary and a masturbator) — and they will proceed to condemn you for the latter as a way to express their discomfort with the former. That is to say, the negative affect will find a way to express itself in their relationship with you, but will of course express itself only in a manner which makes you indecent and them decent (and never in any manner, it follows, which would show them as indecent and you as decent). Since these people at Proctor & Gamble had of course not been able righteously to reproach me for my unanticipated deformity, they made up out of whole cloth something for which they could righteously condemn me and expel me.

Beware. Ignore the particulars of this and learn the generalities, as this general sort of thing could someday be happening to you or someone you love.

New topic. Again I need to get ahead of my story, and tell you about something I found out about only much afterward. In a later timeframe I found out  that there had been a government production facility for the fabrication of uranium [A-bomb](#) cores just upwind of our home on Wyscarver Road in Sharonville, [Ohio](#). The plant was at Fernald, [Ohio](#) and was operating under a cover story and was a heavy source of nuclear contamination. It is now a superfund site and cancer maps are being made of the impact of the radiological contamination on long-term residents of the area.

TIMELINE OF EXPLOSIONS

The [GE test reactor \(GETR\)](#) at which I would be a “jumper” during the 1970s had not been generating electricity for the local commercial grid for several years. The spent fuel had been removed from the site. In this year General Electric obtained renewal of its license.



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1966

The US Army dispensed *Bacillus subtilis variant niger* throughout the New York City subway system by army scientists dropping lightbulbs filled with the bacteria onto ventilation grates. More than a million unsuspecting civilians were exposed.

GERM WARFARE



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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1967

The Central Intelligence Agency (CIA) and the Department of Defense (DOD) initiated Project MKNAOMI, the successor to Project MKULTRA, to maintain, stockpile, and test biological and chemical weapons.

GAS WARFARE
GERM WARFARE

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1969

In this year Ammon Hennacy had been chosen as the designated recipient of the [War Resisters League](#) Peace Award, but as it turned out, things got too busy for them to hold their annual dinner.

Dr. Robert MacMahan of the Department of Defense (DOD) requested that the US Congress provide \$10,000,000 for a program to cause to evolve, within 5 to 10 years, a new sort of biological agent against which human beings would be entirely defenseless.



The US military was celebrating the success of a massive biowarfare field test in the Pacific. Our wargame involved not only the release of lethal agents but also the use of caged animals to demonstrate the effectiveness of these agents. Soviet observers lurked in nearby waters to collect samples of the biological agents we were testing.

President [Richard Milhous Nixon](#) decided to discontinue our biowarfare program, at least with regard to biological agents which are used as weapons, as opposed to toxins which were theoretically for researching methods of immunization and therapy. He said he had 2 reasons for discontinuing this weapons program, but actually he had 3: (a) it was militarily counterproductive as such weapons are difficult to use, (b) it was unnecessary due to the massive superiority of the US in nuclear weapons, and (c), although he did not say so, these biological weapons of mass destruction were equally available to 3d-World nations that could not afford an [A-bomb](#) program — and we did not want to encourage such nations to develop weapons of mass destruction.

This evidently was therefore the final year of the series of secret US Army biological warfare tests that had been going on since 1949 (evidently, since it is the last year that we have to this point been told about). The tests had been conducted in American cities and states by releasing bacteria and chemicals from sprayers, automobiles, and airplanes. Millions of citizens had unwittingly been breathing in the US Army's test agents. The intent had been to discover by the use of un-lethal germs, whether microorganisms would spread and survive and how vulnerable the country might be to an attack with lethal germs. To the Army's knowledge, only a single innocent civilian had been killed in the course of these tests.

SECRET MEDICAL EXPERIMENTS

Of course I had to wonder, when I learned about the existence of these tests, since in my childhood my spine had collapsed due to a microbial infection contracted while I was living outside of Clay City, Indiana, only a few miles downwind from the biological warfare facility in Vigo, Indiana. **Probably, my microbial infection**



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and the germ war plant a few miles upwind were entirely unrelated! There would have been no point to infecting me, as I was not the enemy! It is a fact, however, that the plant had become totally contaminated, so contaminated that production was interrupted, so contaminated that it could never be decontaminated, and therefore had been able to deliver only a few palletloads of test germ bombs to England before the collapse and surrender of Germany, and it is a fact, also, that a few miles away, at that same time, my spine collapsed as the muscles in the small of my back became paralyzed.

ASSLEY

You don't suppose — no, no, that's too far-fetched. This entire starry universe is not entirely about me and my own little personal tribulations.

November: [Dr. Daniel Ellsberg](#) met with members of the federal Congress on Capitol Hill and helped draft a resolution urging the withdrawal of US forces from [Vietnam](#). While in [Washington DC](#) Ellsberg delivered a copy of his [Pentagon Papers](#) (the portion he had copied at this point) to Senator William Fulbright, Chairman of the Foreign Relations Committee (later, Ellsberg would ship the remainder to Fulbright's office).

Into December, [preliminary SALT talks](#) would be taking place in Helsinki. Meanwhile, [President Richard Milhous Nixon](#) was publicly ordering the destruction of all our "offensive" biological weapons. From this point on, our researchers were to focus on defensive measures such as the development of protective vaccines,¹⁹ and of "air-sniffing" detectors (I once witnessed the use of such a detector, by uniformed officials striding down the aisles of an Amtrak train as it traveled between Boston and New York).²⁰



The Soviet Union wisely promised to do likewise.²¹

19. Having a defensive program for the development of defensive vaccines would mean, of course, that when it came time for us to destroy the last laboratory vial of smallpox, the disease having finally been entirely eradicated in the wild worldwide once and for all, we could not bring ourselves to do so. We had to keep the smallpox organism to use in the development of vaccines — just in case someone were to attack us with it. To have destroyed our last ampule would have been equivalent to unilateral disarmament!

20. Tricky Dick was merely reclassifying our biological weaponry as intended to put fear in the hearts of anyone who might be scheming to attack us, and therefore in essence "defensive." The United States no longer even has a War Department. Our two categories of use of deadly force are not "aggression" versus "defense" but "defense" versus "pre-emption." —Because we're such decent people, that's why.

21. Instead of halting their biological program they were radically accelerating it (it's almost as if they didn't trust us).

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1970

In 1969, Dr. Robert MacMahan of the Department of Defense (DOD) had requested that the US Congress provide \$10,000,000 for a program to cause to evolve, within 5 to 10 years, a new sort of biological agent against which human beings would be entirely defenseless.



GERM WARFARE

In this year, funding for the development of such a synthetic biological agent was obtained under H.R. 15090. The project, under the supervision of the Central Intelligence Agency (CIA), would be carried out by the US Army Special Operations Division at Fort Detrick, our nation's top-secret biological weapons facility. (There has been speculation that we are using the techniques of molecular biology to develop new AIDS-like retroviruses against which our bodies have no native immune defense.)

SECRET MEDICAL EXPERIMENTS

November: A Federal report estimated that one out of every ten [Love Canal](#) residents might contract cancer.

Hey, we do have reason to know about such population risks — knowing about such population risks is what we're about. For instance, according to the [Military Review](#), the United States had intensified its development of "ethnic weapons," which is to say, weapons designed to selectively target and eliminate specific ethnic groups, groups who are categorically vulnerable due to their genetic differences and variations in DNA from other population groups.



GERM WARFARE



BIOCHEMICAL WARFARE

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1972

The US and 143 other nations ratified a Biological and Toxin Weapons Convention, the world's first treaty to ban an entire class of weapons. The treaty bars possession of deadly biological agents except for defensive research. With no mechanism for its enforcement and no program for its verification, the treaty is a toothless tiger. Signing the treaty provided some propaganda cover for the Soviet Union — which just at that point, we now know from the testimony of defectors, was radically expanding its program of offensive biowarfare.



(The US's role would prove to be somewhat less than leaderly: In July 2001 our representatives would stand up and walk out of a London conference, since a 1994 protocol designed to strengthen the Convention by providing for on-site inspections was to be discussed — and we were opposed to any such strengthening.)

[GERM WARFARE](#)

April 10, Monday: An earthquake in southern Iran near Ghir killed more than 5,000.

Two urban guerrillas groups killed General Juan Carlos Sanchez in Rosario, Argentina.

Fiat executive Oberdan Sallustro, who had been kidnapped by urban guerrillas on March 21d, was found shot to death in a suburb of Buenos Aires.

Antiphony VI (Cogito) for string quartet, slides and tape by Kenneth Gaburo to words of Hommel was performed for the initial time.

A service in memory of Stefan Wolpe was held at The Riverside Funeral Home, Amsterdam Avenue, New York. Among the speakers were Milton Babbitt, John Cage, and Elliott Carter. Wolpe's remains were cremated.

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There was heavy B-52 bombardment, ranging 145 miles into North [Vietnam](#), for the 1st time since 1967.

The Geneva Biological and Toxin Weapons Convention was signed by over 70 nations in London, Moscow, and [Washington DC](#). This convention, when it would go into effect during 1975, would prohibit further research, development, and testing of biological weapons, agents and compounds — but there would be a wide open barn door for prophylactic and defensive research, development, and testing by which we could accomplish all the offensive weapons development that our hearts could possibly desire. Meanwhile the [Pentagon](#) would retain a Chemical and Biological Warfare unit, underfunded but waiting for the first excuse to spring back as a major program.

GERM WARFARE





BIOCHEMICAL WARFARE

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May: The total destruction of antipersonnel biological agents and munitions was, allegedly, at this point complete as had been ordered by President [Richard Milhous Nixon](#) in 1969. (We now suspect, however, that the Central Intelligence Agency had simply ignored the President, and continued its research.)



GERM WARFARE

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1975

The Provisional Irish Republican Army staged a bomb campaign in Great Britain. De Valera died. Merlyn Rees became Secretary of State for Northern [Ireland](#). A new Northern [Ireland](#) convention was proposed.

An integrated pest management program named BLITECAST, running on mainframe computers at the University of Maine, began to attempt to forecast whether weather conditions were likely to be such as to cause the [late potato blight](#) to become a problem in the current potato-growing season. This was intended to assist farmers in deciding whether to complete the traditional routine series of 6 serial weekly applications of expensive and dangerous fungicides (farmers could hope to increase profits through reducing spraying; for instance if a farmer growing 50 hectares of potato crop would be able with confidence to skip 3 of his 6 sprayings, he would have his potato cash crop worth \$144,000 while putting an additional \$2,850 in foregone costs directly into his pocket as profit, the only question being how he was going to be able to fall sleep until this crop was safely harvested and sold).

The virus section of the US Army's Center for Biological Warfare Research at Fort Detrick, Maryland was renamed as "The Fredrick Cancer Research Facilities" to suggest falsely to American voters that this facility was engaged in research into saving the lives of people by developing a cure for cancer rather than in research into how to kill people by causing them to develop cancer. For extra-deep "cover," this bio-war facility was placed under the supervision of the National Cancer Institute — an agency not normally associated in the public mind with the taking of human life. It would be at that facility that a special virus cancer program would be initiated by the US Navy, purportedly to develop new sorts of virus that would cause cancer. It would also be there that retrovirologists would isolate HTLV (Human T-cell Leukemia Virus), a virus for which we have no present immunity.





BIOCHEMICAL WARFARE

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March 26, Wednesday: Chu Lai was evacuated.

[VIETNAM](#)

The Convention on the Prohibition of the Development, Production and Stockpiling of Bacteriological (Biological) and Toxin Weapons and on Their Destruction that the US had signed on April 10, 1972 at this point entered into force.

[READ THE FULL TEXT](#)

This convention prohibits the research, development, and testing of biological weapons, agents, and compounds but has a wide open back door allowing all sorts of prophylactic and defensive research, development, and testing. In addition, since all signatories were such decent people, there was no perceived need for any verification protocol whatever. The [Pentagon](#) retained its [Chemical and Biological Warfare](#) unit, underfunded but ready for any excuse to spring back as a major program.



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1977

Fred Sanger and collaborators provided the initial complete DNA sequence of an organism (a *bacteriophage*, or virus infecting bacteria).

THE SCIENCE OF 1977

US Senate hearings on Health and Scientific Research confirmed that, between 1949 and 1969, the United States military had contaminated 239 populated areas with **biological agents**. These areas included, among other locations, Key West, Florida, Minneapolis, Minnesota, Panama City, Panama, St. Louis, Missouri, San Francisco, California, and the District of Columbia.



GERM WARFARE

When the submersible *Alvin* photographed deep sea vents on the ocean floor, discovering that they give rise to an ecosystem owing nothing whatever to photosynthesis, we were prompted to ask whether life on earth might not have arisen first in deep-sea, rather than in shallow-water, ecosystems.

PALEONTOLOGY



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

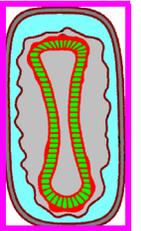
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1978

The initial test tube baby was born, in England.

Janet Parker, a worker on the floor above a lab where the remaining samples of the [small pox](#) virus were being stored in Birmingham, England, contracted smallpox and died. The virus had apparently gotten through an air duct between the two floors. She infected her mother, who survived, but in the meanwhile her father was so alarmed that he had a fatal heart attack. The lab director then committed [suicide](#).

TIMELINE OF ACCIDENTS



There was an unexpected [criticality](#) at the [Fukushima Daiichi](#) facility of [Tokyo](#) Electric Power Company (they would be attempting to conceal this for years and years).²²

TIMELINE OF ACCIDENTS

[WALDEN](#): If we read of one man robbed, or murdered, or killed by accident, or one house burned, or one vessel wrecked, or one steamboat blown up, or one cow run over on the Western Railroad, or one mad dog killed, or one lot of grasshoppers in the winter, -we never need read of another. One is enough.

22. There have been in the nuclear industry, to date, some 70 such criticality excursions and some 21 resultant fatalities, but –so far at least– there hasn't been a single atomic blast! Cross your fingers.

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J.W. Kitching discovered a clutch of *prosauropod* eggs in South Africa, the oldest dinosaur embryos yet found. They would indicate that sauropods had walked on all fours as small animals, but the significance of this find would be overlooked for nearly three decades.

PALEONTOLOGY

F. Metzger-Krahé described a 9th-Century Viking settlement in southern Jutland –perhaps the initial city-like settlement in Northern Europe– at which were found 185 fossils, most of them fossil sea urchins.



Mary Leakey announced the discovery at Laetoli of fossil footprints demonstrating that hominids had walked upright 3,600,000 years ago.

THE SCIENCE OF 1978



BIOCHEMICAL WARFARE

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1979

April 2, Monday: Menachem Begin became the 1st Prime Minister of Israel to visit [Cairo](#).

At Military Compound #19 near the closed city of Sverdlovsk, Siberia, the military-industrial complex produced armaments. The facility's biological weapons complex was based upon documentation captured in Manchuria at the end of World War II from the Japanese germ warfare program. Pulmonary [Anthrax 836](#), the strain produced there, was the most potent in the Soviet arsenal, and the facility was highly isolated due to a leak in 1953 from a bacteriological facility in the city of Kirov, that had contaminated the city's sewer system. In 1956, biologist Vladimir Sizov had captured rodents in this area that were harboring an even more virulent strain, and it was planned that this be used to arm warheads for the SS-18 ICBM which could target American cities (there had in addition been a major nuclear waste facility explosion, the Kyshtym disaster, in 1957, that had spread radioactive dust over 1,000 square kilometers). The anthrax culture was dried into a fine powder that could enter the lungs, for use as an aerosol. In the manufacturing process, large filters over exhaust pipes were the sole barriers between this lethal dust and Russian civilians nearby. However, at the end of the previous week, while the drying machines were temporarily turned off, a technician had removed one of these filters

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because it had become clogged. Although the technician had left a written notice, his supervisor had neglected to record this in the logbook. The supervisor of the 1st shift of the following week, therefore, not seeing anything unusual in the logbook, proceeded to start the production line. After a few hours someone noticed the missing filter and reinstalled it, but local and city officials were not immediately informed. At least 105 people would be killed downwind of the production facility, and in addition herds of cattle. The KGB destroyed all hospital records and other evidence. Boris Yeltsin, who at the time was a local Communist Party official, loyally assisted in the cover-up. Soviet émigrés would report the deaths and the US Central Intelligence Agency would surmise that this most likely had been a production accident, but the Soviets would attempt for awhile to blame it on citizens selling contaminated meat on the black market.

GERM WARFARE



TIMELINE OF ACCIDENTS

At the Tokaimura complex in Japan, 2 workers were contaminated with radioactivity.

CLOSE CALLS

<u>March 28, 1979</u>	At Three Mile Island in Pennsylvania, operator errors and a severe loss of coolant caused a core meltdown with release of radioactive gases.
<u>April 2, 1979</u>	At the Tokaimura complex in Japan, 2 workers were contaminated with radioactivity.
<u>July 25, 1979</u>	At France's Saclay BL3 reactor, radioactive fluids were discharged into drains designed for ordinary wastes and seeped into the local watershed.

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1980

When the Reaganites came to power, they being the sort of people they were, the Administration instantly took the position that the US was going to exploit its superior technology with regard to all types of weapons. This included of course the new technologies of gene splicing and genetic engineering. Massive amounts of money, hundreds of millions of dollars, would be poured into researching and developing what they would of course claim to be defensive biological agents.

GERM WARFARE



These Reaganites are of course now gone, and practically forgotten, but their way of thinking has not as yet vanished without a trace:

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"For what it's worth, after the attack on Pearl Harbor, [Winston Churchill](#) told the American people, "We didn't come this far because we are made of sugar candy," and that reminder was taken seriously. We proceeded to develop and deliver the time bomb, the bomb. Even though roughly 150,000 men women and children perished in Hiroshima and Nagasaki, with a single blow [WWII](#) was over. Following New York's September 11 Pearl Harbor [Winston Churchill](#) was not here to remind us. That we didn't come this far because we're made of sugar candy.



So, we mustered our humanity. We gave old pals a pass. Even though men and women from Saudi Arabia were largely responsible for the devastation of New York, and Pennsylvania and our [Pentagon](#), we called Saudi Arabians our partners against terrorism and we sent men with rifles into Afghanistan and Iraq, and kept our best weapons in their silos. Even now, we stand there dying. Daring to do nothing decisive because we've declared ourselves to be better than our terrorist enemies. More moral, more civilized. Our image is at stake, we insist. But we didn't come this far because we're made of sugar candy. Once upon a time, we elbowed our way onto and across this continent by [giving smallpox-infected blankets to Native Americans](#). That was [biological warfare](#). And we used every other weapon we could get our hands on to grab this land from whomever. And we grew prosperous. And yes, we greased the skids with the sweat of slaves. So it goes with most great nation-states, which -feeling guilty about their savage pasts- eventually civilize themselves out of business and wind up invaded and ultimately dominated by the lean, hungry up-and-coming who are not made of sugar candy.

- Disney/ABC radio personality Paul Harvey,
expressing family values on June 23, 2005





BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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Shahanshah Mohammad Reza Pahlavi of Iran having fled his country and the [Ayatollah Ruhollah Khomeini](#) having returned from Iraq and France to Iran and come to power, Iraq invaded Iran in an attempt to gain territory during the period in which this neighbor nation would be preoccupied with its own internal instability. That war would drag into an immensely costly and deadly decade-long WWI-style stalemate. Despite their very best efforts, Iraq's [poison gas](#) (mustard, sarin, and tabun) would not seem to be doing the job against Iran's mass army of fundamentalist hotheads. Eventually the Reagan administration, aware that Iraq needed to use biological weapons against Iran, would authorize at least 40 shipments from the American Type Culture Collection, which is a large scientific institute housing cultures every known type of disease for scientific purposes, to our ally Saddam Hussein (the enemy of our enemy is our friend), of weapons-specific biological agents.

This Reagan administration would be investigating every imaginable exotic disease, of course only for the purpose of developing vaccines against these perils. Everything we were doing, of course, was within the exceptions of the Biological and Toxin Weapons Convention that the US had become a party to on April 10, 1972, since the back barn door of this treaty was open a wide country mile. Of course, get a clue, the technology used to get the vaccine for our defense is exactly the same technology used to create the agent in the first place! The way research into biological weapons proceeds is that after one creates the agent, one creates the vaccine to defend one's own people against one's own weapon. The sole difference between an offensive-weapons program and a defensive-weapons program is that in an offensive program one needs to develop a delivery device. Ordinarily, however, since most of these weapons are delivered through the air, a delivery device, some sort of military-size aerosol can, can be pretty much an off-the-shelf no-brainer.

Meanwhile the Reaganites, they being the sort of people they were, were cutting way back on funding for the National Science Foundation. There was push as well as pull. We all know what scientists do when civilian research money dries up — they turn to the military for research money. The Council of Responsible Genetics became so concerned over the manner in which researchers were getting sucked into [President Ronald Reagan](#)'s secret biological weapons programs, that it sponsored a Pledge which ethical researchers might take. That Pledge was simple and declarative: "I will not accept any money from the [Pentagon](#) for any reason."

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1981

John Powell (a former publisher of a Shanghai magazine who had unsuccessfully been prosecuted for sedition in the early 1950s for accusing the United States of having resorted to [germ warfare in Korea](#)) courageously did his duty as an American citizen by exposing in the pages of the [Bulletin of the Atomic Scientists](#) the immunity deal transacted at the end of [World War II](#) between [General Douglas MacArthur](#) and [Japanese](#) germ-warfare officers.²³

SECRET MEDICAL EXPERIMENTS

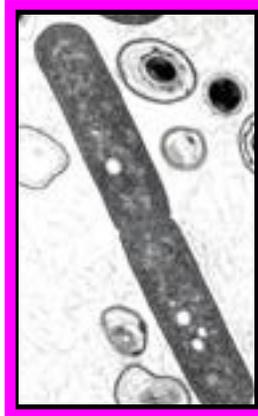
KOREAN WAR

May: In Falfurrias, [Texas](#), a veterinary noticed that a “heifer in excellent flesh,” suddenly one morning was unable to rise — and was dead by noon.



He sent samples of the cow’s flesh to Texas A&M at College Station, and Texas A&M would supply the bacterium to the bacteriological warfare folks in Fort Detrick, [Maryland](#). (Wouldn’t it be nice to be able to kill a million people before noon? This is the “Ames” strain of [anthrax](#), that the Army would weaponize, that would be mailed to various people in America during September 2001.)

BIOTERRORISM



The USSR began, as part of its central military planning, something they referred to as [Operation RYaN](#), which was short for Ракетно-ядерное нападение (Raketno-Yadernoe Napadenie, [Nuclear Missile Attack](#)), “measures to strengthen intelligence work in order to prevent a possible sudden outbreak of war by the enemy.” If the USA was ever to make a 1st nuclear strike, clearly they had no intention of dying alone.

23. Lest anyone barf at my including this on the list of the USA’s involvement in secret medical experiments, allow me to point out that 1.) under our criminal code someone who makes himself an “accessory after the fact” to a crime or who knowingly benefits from the proceeds of a crime is as guilty of that offense as was the original perpetrator and that 2.) among the victims of this series of atrocities committed in the name of science had been American soldiers who at the time were defenseless prisoners of war.



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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1984

Followers of the Indian guru Bagwan Shree Rajneesh, living on a compound in rural Oregon, sprinkled *Salmonella* on salad bars throughout their county. This was their trial run for a proposed later attack. The Rajneeshees were scheming to sicken local citizens and thus prevent them from voting in an upcoming election. The trial attack was successful in that it triggered more than 750 cases of food poisoning, 45 of which required hospitalization. The Center for Disease Control and Prevention believed that the outbreak was natural, and it would take a year, and an independent investigation by the police, to discover this criminal bioterrorist attack. (This first bioterrorist act on American soil would go almost unnoticed by the general public of the US — you just go ask anybody, they'll never have heard of it.)

BIOTERRORISM





BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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1985

At about this point Saddam Hussein's Iraq was kicking off its bioweapons development plan — but initially he would lack the expertise to develop sophisticated armaments. Well, the short version of this story is, we were willing to help the guy out with a starter kit of deadly microorganisms. Remember the old saw, the enemy of our enemy is our friend?



[GERM WARFARE](#)

Hussein was the enemy of our enemies — he must be, therefore, our friend.

[Henry Petroski](#)'s TO ENGINEER IS HUMAN: THE ROLE OF FAILURE IN SUCCESSFUL DESIGN.

Michael Meyer placed articles on "[Henry Thoreau](#)" and "[Henry C. Wright](#)" in THE BIOGRAPHICAL DICTIONARY OF MODERN PEACE LEADERS (Ed. Harold Josephson. Greenwood Press. Pages 544-45 and 1035-37).

At the Anniversary dinner of the [War Resisters League](#) the League Peace Award was presented to Barbara Reynolds. No secret medical experiments were performed in the course of this meal.

Dr. Murray Sanders, a former lieutenant colonel who was a US adviser on biological warfare, claimed that it had been he who had brokered the sweetheart deal between [General Douglas MacArthur](#) — a man to whom the concept of insisting upon personal principles and standards must have seemed truly weird — and the [World War II](#)-era [Japanese germ warfare](#) perps, during Fall 1945, promising them immunity in return for their teaching us how to use bugs to off civilians en masse.

[SECRET MEDICAL EXPERIMENTS](#)

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September 13, Friday: Because of the openhanded manner in which the [Reagan](#) administration had been passing around money to any and all scientists willing to do research into new biological weapons, the Council for Responsible Genetics staged a Congressional Briefing on Capitol Hill. The Council for Responsible Genetics would be helping to create draft legislation for the Congress, to counter the manner in which administration officials were abusing research into genetic engineering technology, by persistently tweaking it in the direction of use for purposes of biological warfare. Please, just say no!

SECRET MEDICAL EXPERIMENTS

Neither the biotech industry as a whole nor the US Congress as a whole had any desire to be tainted in such a manner by the mad scientists of the [Pentagon](#), and the result would be, overcoming the determined opposition of the Administration, the Biological Weapons Anti-Terrorism Act of 1989.



GERM WARFARE



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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1986

A report to Congress revealed that the US Government's current generation of biological agents included modified viruses, naturally occurring toxins, and agents that had been altered through genetic engineering to change their immunological character in such manner as to prevent treatment by all existing vaccines.



[GERM WARFARE](#)

According to the [Proceedings of the National Academy of Sciences](#) (83:4007-4011), the HIV virus and the VISNA virus are highly similar and share all structural elements, except for a small segment which is nearly identical to the HTLV virus. This would lead some to speculate that HTLV and VISNA may have been linked by our biowar people, in their quest to produce a new retrovirus to which we have no natural immunity.



[GERM WARFARE](#)

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When Shigechiyo Izumi died at the age of 120, he was the oldest man in the world. When he had been born, in 1866, feudal [Japan](#) had been under the rule of the shogun Yoshinobu of the Tokugawa dynasty and each lord had needed his own private army. Although there were firearms, *samurai* warriors were still ambling through the alleys with long and short swords tucked into their waistbands. There was as yet no religious freedom whatever and there were as yet no railroads — and the Gregorian calendar was quite unknown.

A total of 676 new [Japanese](#) cherry trees would be planted in [Washington DC](#) from this year into 1988 at a cost of over \$101,000 in private funds donated to the National Park Service, to restore the number of trees to what they were at the time of the original gift.



A Congressional subcommittee held a one-day hearing in Washington DC, called by Representative Pat Williams of Montana, aimed at determining whether US [World War II](#) prisoners of war in [Manchuria](#) had been victims of [germ warfare](#) experimentation. The evidence offered at this brief hearing was inconclusive (no-one was eager to go there). Among the interesting details were that a Unit 731 doctor had vivisected a girl whom he had raped, after she had been delivered of his baby.

"I cut him open from the chest to the stomach and he screamed terribly and his face was all twisted in agony. He made this unimaginable sound, he was screaming so horribly. But then finally he stopped. This was all in a day's work for the surgeons, but it really left an impression on me because it was my first time."



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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Sheldon Harris, a historian at California State University in Northridge, estimates that more than 200,000 [Chinese](#) died in these [Japanese germ warfare](#) field experiments. That wasn't what this hearing was about, however, this hearing being about whether, horror of horrors, any **white people** had been treated in such a manner.

SECRET MEDICAL EXPERIMENTS

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1987

At the Anniversary dinner of the [War Resisters League](#) the League Peace Award was presented to Dorie Bunting.

The US Department of Defense (DOD) admitted that, in the face of the new international treaty banning research and development of biological agents, it had continued its operation of research facilities at 127 facilities and universities around the nation.



Eileen Welsome, a reporter for the Albuquerque [Tribune](#), came across a footnote about a [Plutonium](#)-injection experiment in a report on animal experimentation at the Air Force Weapons Laboratory at Kirtland Air Force Base in New Mexico. Investigating this footnote would lead her to Army documents that indicated that human guinea pigs had been unknowingly being injected with Pt to learn how much of this deadly material their bodies would retain, and how much they would more or less promptly process and excrete. Obtaining more documents, she would be able to track down some survivors, plus family members of people who had been dosed to death, and officials who had been involved in such studies under contract with the government. Her findings would lead to a series of [Tribune](#) articles in November 1993 about our government's [secret medical experiments](#) upon us with its Pt. Those articles would motivate Secretary of Energy Hazel O'Leary to release mounds of classified documents about long-ago radiation tests. That pile included information about experimentation that had been done under the department's predecessor agencies, the Atomic Energy Commission (AEC) and before that the "[Manhattan Project](#)" which had in 1945 produced the 1st atomic bombs. A month after Welsome's articles appeared, O'Leary would announce that she was "appalled and shocked" about the Pt injections that were being discovered. [President William Jefferson Clinton](#) would order federal agencies to open all records on human radiation experiments (but not chemical or biological

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experiments), and appoint an Advisory Committee on Human Radiation Experiments.

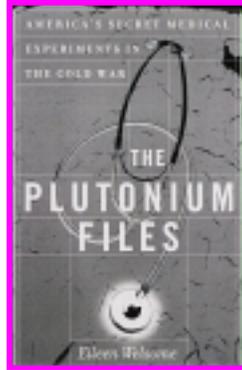
The image contains three main components:

- Periodic Chart:** A small grid representing the periodic table of elements, with the title "Periodic Chart" at the top.
- KEY:** A diagram showing the layout of an element's information. It includes:
 - Atomic Number:** 11
 - Name:** Sodium
 - Symbol:** Na
 - Atomic Mass:** 22.990
 - Electronic Configuration:** 2, 8, 1
- Large Element Card:** A card for Plutonium (Pt) with the following details:
 - Atomic Number: 94
 - Name: Plutonium
 - Symbol: Pt
 - Atomic Mass: ~239
 - Shell Numbers: 2, 8, 18, 32, 24, 8, 2

The committee would learn of hundreds of tests. Thousands of documents and interviews later, the committee would report in 1995 about the many American civilians whose lives had been molested due to "arrogance and

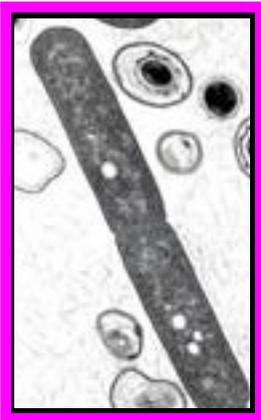
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paternalism on the part of government officials and the biomedical community.”



In the final two years of the Clinton administration, government policy would shift back to the dual-use biological warfare hypocrisy that had been so typical of the [Reagan](#) era. Again, hundreds of millions of dollars were being committed to research, developing every known exotic disease in a weaponized form — but only, of course, for defensive purposes.

GERM WARFARE





BIOCHEMICAL WARFARE

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Finally, the New York Times would be persuaded that it had to break the story that the administration was violating both the international Biological and Toxin Weapons Convention that the US had entered into on April 10, 1972 and the domestic Biological Weapons Anti-Terrorism Act of 1989 by using genetic engineering to develop a resistant strain of [anthrax](#), and producing this super-anthrax in quantities and strengths that had no legitimate defensive purpose.

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1988

At the Anniversary dinner of the [War Resisters League](#) Peace Awards went to those who have continued to focus peace work on Vietnam post-war: Don Luce, Vietnam Veterans Against the War, John McAuliff, David Truong, Bob Eaton, and Lady Borton.

[George Herbert Walker Bush](#) (father of Wubya) was elected President. The moment that the new administration came to power, all the previous [Pentagon](#) opposition to the proposed legislation against research into biological agents of war was stopped. Bush officials focused upon repackaging this proposed anti-biologicals-research legislation as a way to deal with the Third World, in which everybody knew there were crazies running around loose trying to develop biological weapons on the cheap — not just our friend Saddam Hussein whom we had supplied with a starter kit of biological weapons, but just about every swinging dick out there. Thus repackaged, the Biological Weapons Anti-Terrorism Act of 1989 would be passed unanimously by both Houses of Congress and signed into law by the President. We gotta bring this situation under control.

GERM WARFARE



Hal Lindsey had reasoned, in *THE LATE, GREAT PLANET EARTH*, that [The Rapture](#) was going to take place during this year, since it would be one Biblical generation, 40 years, after Israel gained its statehood. (Abanes, Richard. *END-TIME VISIONS*. NY: Four Walls Eight Windows, 1998, page 85; Lindsey, Hal. *PLANET EARTH - 2000 A.D.* Palos Verdes CA: Western Front, 1994)

MILLENNIALISM

Saddam Hussein's development of weapons of [biological warfare](#) having been inadequate, his Iraqi forces attacked Kurdish insurgents using a chemical agent instead: [nerve gas](#). You've seen the photos of corpses of ethnic Kurds, men, women, children, and infants, lying huddled along the village streets with a residue of a white froth around their lips.



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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1989

His bioweapons still being relatively ineffective despite all our help, maybe Saddam Hussein of Iraq –or maybe somebody else, who knows– killed off 5,000 of the Kurdish citizens of Iraq with nerve gas.

[GERM WARFARE](#)



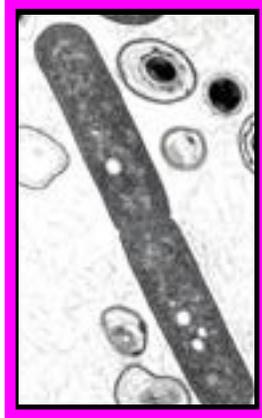
Iraq had invaded Iran shortly after the Iranian Revolution of 1979, in a 1980 attempt to gain territory while Iran was preoccupied with its own internal instability. That war had dragged into an immensely costly and deadly WWI-style stalemate. Despite their very best efforts, Iraq's mustard gas did not seem to be doing the job against Iran's mass army of fundamentalist hotheads. During this year the [Reagan](#) administration, aware that Iraq needed to use biological weapons against Iran, authorized at least 40 shipments from the American Type Culture Collection, which is a large scientific institute housing cultures every known type of disease for scientific purposes, to Iraq, of weapons-specific biological agents. Because of the openhanded manner in which the administration had been passing around money to any and all scientists willing to do research into new biological weapons, the Council for Responsible Genetics had helped to create draft legislation for the US Congress, to counter the manner in which administration officials had been persistently tweaking research into genetic engineering technology in the direction of use for purposes of biological warfare. Since neither the biotech industry as a whole nor the US Congress as a whole had any desire to be tainted in such a manner by the mad scientists of the [Pentagon](#), in this year, with the tacit support of the [George Herbert Walker Bush](#) White House, the Biological Weapons Anti-Terrorism Act of 1989 was passed unanimously by both Houses of Congress and signed into law by the President. According to this Act, fighting fire with fire, any US scientist caught doing any research, development, or testing of biological warfare agents was to be packed off to federal prison for the remainder of his or her life.

Meanwhile, in [Liberia](#), [Charles McArthur Ghankay Taylor](#), an [Americo-Liberian](#) who had been convicted for embezzlement, and his followers, were toppling the [Doe](#)-led government. This was precipitating civil war among various [Liberian](#) ethnic factions, a civil war which his faction would win (until, eventually, he would be convicted of terror, murder, and rape and sentenced to 50 years in prison as “responsible for aiding and abetting as well as planning some of the most heinous and brutal crimes recorded in human history,” despite his defense that his deeds of torture and crimes against humanity were just like those of [President George W. Bush](#) in his [Global War on Terror](#)).



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News of the sheer immensity of the Soviets' bioweapons program began to reach the West, when biologist Vladimir Pasechnik defected to Britain. All the stories he told of genetically altered "superplague," antibiotic-resistant [anthrax](#), and long-range missiles designed to spread disease, incredible as they sounded in regard to the scope of the program being described, would be confirmed by later defectors such as Ken Alibek and Sergei Popov.



After declining throughout the 20th Century, the incidence of [tuberculosis](#) in the United States, where there is no effective funding for basic health care available to the general population, had begun to increase during the late 1980s.²⁴

24. Rich Republicans have thought of themselves as cunning, in resisting Obamacare. They have supposed it to be cost-effective to leave the nannies who care for their children vulnerable to communicable disease. (Go figure.)



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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1990

The Soviet Union's immense secret biowarfare program would begin to crumble during this decade, as due to financial chaos their scientists' salaries year after year went unpaid. Iraq is known to have unleashed its chemical weapons in the 1980s, not only during the Iran/Iraq war but also against rebellious Kurds in northern Iraq, but we have no evidence that the Iraqi state had attempted to utilize its biological arsenal. The conclusion would be, rather than that Saddam Husayn Al-Tikriti was reluctant to have recourse to biowarfare, that his biowarfare tools were not yet effective. He may well have lured some of these desperate bioweapons experts from the insolvent Soviet Union to help his ongoing research program become effective. It is almost certain, also, that much of this arsenal remains in existence as of 2001. In fact, with the aid of these former Soviet experts and with the UNSCOM inspectors being held at bay by diplomatic maneuvering, we can expect that the Iraqis have been increasing their arsenal of germs.



GERM WARFARE

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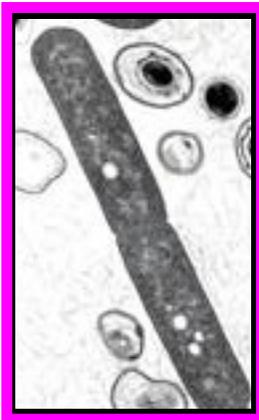
Fall: Saddam Husayn Al-Tikriti sent Iraqi troops to invade Kuwait. On August 9th, [President George Herbert Walker Bush](#) reported that he had ordered the forward deployment of substantial elements of the US armed forces into the Persian Gulf region to help defend Saudi Arabia after the August 2nd invasion of Kuwait by Iraq. On November 16th, he reported the continued buildup of the forces to ensure an adequate offensive military option. During the buildup preceding its Gulf War with Iraq, the United States Army deployed STINGRAY, a direct-fire laser weapon designed to damage not only enemy range-finding devices but also the enemy eyes gazing through them. In Army publications, making enemy soldiers look at the world through their own blood was expected to cause panic in the afflicted soldiers and terror in their buddies. After this

[US MILITARY INTERVENTIONS](#)

buildup the US would declare war on Iraq. The Reagan administration having supplied Iraq with an [anthrax](#) and botulin starter kit, all US military personnel, more than half a million men and women, would be ordered (in violation of the Nürnberg Code on medical experimentation) to submit to experimental vaccines for weaponized anthrax and botulin. At least 50,000 of these experimentally vaccinated US soldiers would later

[GERM WARFARE](#)

develop unexplained illnesses. This would be generally referred to as “Gulf War Syndrome.” The doctors at Veterans Administration hospitals have no idea what might have created this syndrome — maybe this is an epidemic of malingering?

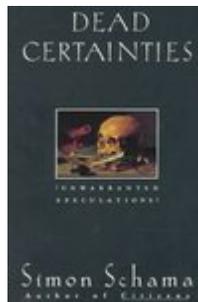


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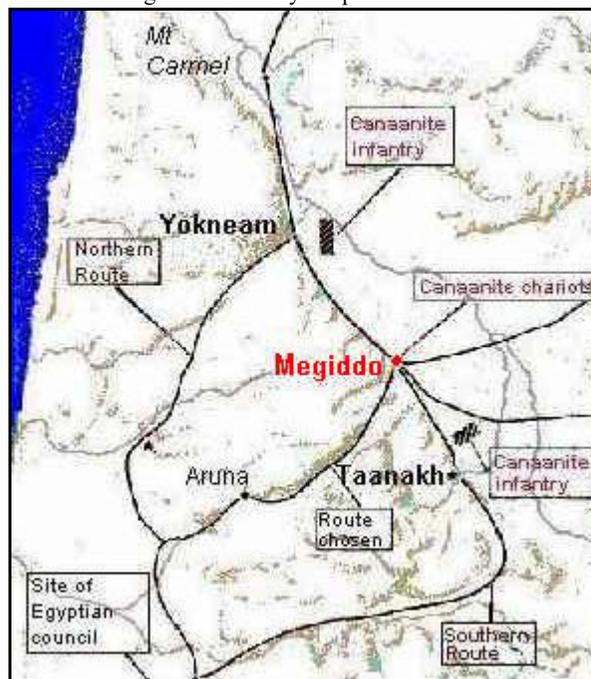
1991

Louis Farrakhan declared that the Gulf War was going to turn out to be the “War of [Armageddon](#) which is the final war” (Abanes, Richard. END-TIME VISIONS. NY: Four Walls Eight Windows, 1998, page 307).²⁵ Just prior to Operation Desert Storm, a [US Marine](#) attorney provided the following decency-for-idiots description of the law of war: “All the laws of war boil down to these 3 fundamentals. 1. If it needs to be killed, kill it. 2. If it doesn’t need to be killed, don’t kill it. 3. If you see somebody killing something that doesn’t need to be killed, try to stop them. Any questions?”

Exemplifying a more “Rashomon-like” what-is-truth frame of mind, Alfred A. Knopf of New York, a subsidiary of Random House, published Simon Schama’s DEAD CERTAINTIES (UNWARRANTED SPECULATIONS) in regard to the famous [Professor John White Webster/Doctor George Parkman](#) case. There are no facts, only interpretations — so maybe the butler did it.



25. Armageddon = the place (possibly to be identified with Har Megiddo, the Mount of Megiddo, near Tel Aviv, near which many battles were fought) designated in REVELATION 16:16 as the scene of the final battle between the kings of the earth at the end of the world. Here is the layout of the Battle of Megiddo as won by the pharaoh Thutmose III over the Canaanites in 1482 BCE:



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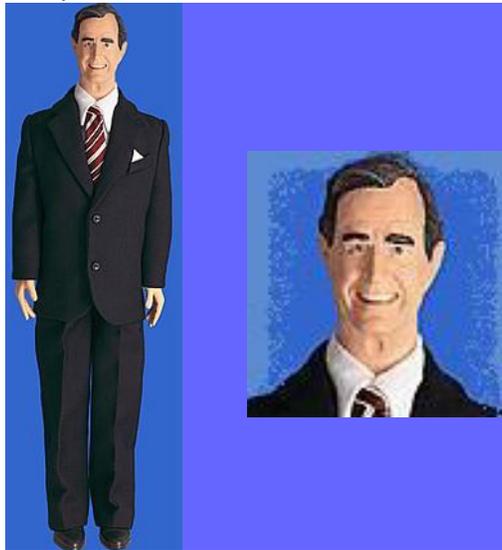
The bulk of the reviews of this book characterize Simon Schama's speculations as unwarranted.

By the time of the Gulf War cease-fire, Iraq had weaponized [anthrax](#) (using strains of the microorganism that had been collected in [Texas](#) and supplied to Saddam Hossein by the United States federal government), botulin toxin, and aflatoxin and had several other lethal agents in development. Inspectors from the UN Special Commission (UNSCOM) would spend frustrating years chasing down evidence of the scope of this program, the very existence of which Iraq would indignantly deny. The UNSCOM team would find that Iraq's stockpile included Scud missiles that had been pre-loaded with disease organisms.

GERM WARFARE



On January 18th, [President George Herbert Walker Bush](#) reported that he had directed US armed forces to commence combat operations on January 16th against Iraqi forces and military targets in Iraq and Kuwait, in conjunction with a coalition of allies and UN Security Council resolutions. On January 12th Congress had passed the Authorization for Use of Military Force against Iraq Resolution (P.L. 102-1). Combat operations would be suspended on February 28th.



On May 17th, President Bush stated in a status report to Congress that the Iraqi repression of the Kurdish people had necessitated a limited introduction of US forces into northern Iraq for emergency relief purposes.

On September 25-27th, after widespread looting and rioting broke out in Kinshasa, US Air Force C-141s transported 100 Belgian troops and equipment into Mnsasha. US planes also carried 300 French troops into the Central African Republic and hauled back American citizens and third country nationals from locations outside Zaire.

US MILITARY INTERVENTIONS



BIOCHEMICAL WARFARE

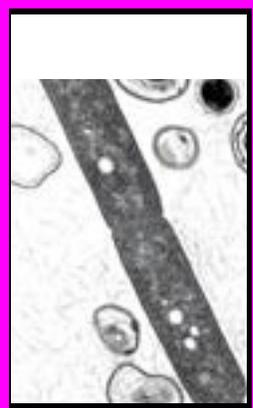
BIOCHEMICAL WARFARE

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1992

Russia allowed a US team to visit the site of the 1979 [anthrax](#) outbreak in Sverdlovsk, Siberia. The team turned up telltale evidence, in the lungs of victims, that many had died from inhalation anthrax, likely caused by the accidental release of aerosolized anthrax spores from the secret military base. Given the hundreds of tons of anthrax the Sverdlovsk facility could produce, it was indeed fortunate that the accidental release had been of only a small amount of spores.



GERM WARFARE

Ian Campbell and collaborators published a paper pointing to the Siberian Traps, an area of massive volcanic activity, as the cause of the Permo-Triassic mass extinction 251 million years ago.

PALEONTOLOGY

Paleontologists led by Jim Kirkland discovered *Utahraptor*, a super-sized *velociraptor* that conveniently suggests the super-sized velociraptors that would appear on the screen in “Jurassic Park” a year later (except, of course, that this *Utahraptor* had not been in existence during the Jurassic).

Joe Kirschvink’s “Late Proterozoic Low-latitude Glaciation: The Snowball Earth,” a short book section in a specialized monograph — this snowball hypothesis would attract little attention until expanded by Paul Hoffman and his collaborators several years later.

A team led by Tim White discovered the initial traces of a hominid fossil that would later be named *Ardipithecus ramidus*. Seventeen years later, the team would publish a detailed description of a 4,400,000-year-old, 120-centimeter-tall, nearly complete adult female, along with fossils from 35 other individuals. The team would argue that “Ardi” should supplant “Lucy” at the base of the hominid tree.

THE SCIENCE OF 1992



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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1994

With a technique called “gene tracking,” Dr. Garth Nicolson at the M.D. Anderson Cancer Center in Houston, [Texas](#) discovered that many returning Desert Storm veterans were infected with an altered strain of *Mycoplasma incognitus*, a microbe commonly used in the production of biological weapons. Incorporated into its molecular structure was 40% of the HIV protein coat, an indication that this organism had been man-made.



[GERM WARFARE](#)

Senator John D. Rockefeller issued a report revealing that for at least 50 years the US Department of Defense (DOD) has been using hundreds of thousands of US military personnel in human experiments and for intentional exposure to dangerous substances. Materials included mustard and nerve gas, ionizing radiation, psychochemicals, hallucinogens, and drugs used during the Gulf War.

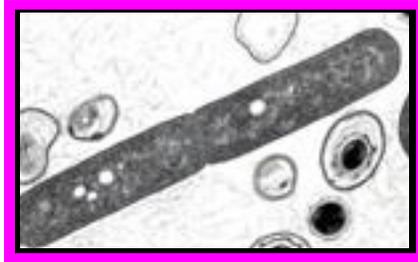
[GAS WARFARE](#)

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1995

The apocalyptic religious sect Aum Shinrikyo released sarin gas in a [Tokyo](#) subway, killing 12 commuters and injuring thousands. In addition, the cult had enlisted Ph.D. scientists to prepare a biological attack, and we belatedly discovered that between 1993 and 1995 they had made as many as 10 attempts to spray botulin toxin and [anthrax](#) in downtown Tokyo. It is not known why these tests attacks had failed, but there is suspicion that the cult was working with an avirulent strain of anthrax, and that its experimenters did not understand the need to weaponize the agent by refining its particle size so that it would be carried by air currents deep into the lung.

BIOTERRORISM



36 million cars were manufactured worldwide, of which 7.6 million were manufactured in [Japan](#) and 6.3 million in the USA (although 8.6 million cars were sold in the USA alone).

An earthquake killed 6,500 people in Kobe.

The US Government acknowledged that at the conclusion of [World War II](#) it had offered [Japanese](#) war criminals and scientists who had performed human medical experiments salaries and immunity from prosecution in exchange for data on biological warfare research. How to account for this? Well, the only way



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I know to account for it would be to presume that there were people in high places in our government, who were thinking the way radio personality Paul Harvey thinks:

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"For what it's worth, after the attack on Pearl Harbor, [Winston Churchill](#) told the American people, "We didn't come this far because we are made of sugar candy," and that reminder was taken seriously. We proceeded to develop and deliver the time bomb, the bomb. Even though roughly 150,000 men women and children perished in Hiroshima and Nagasaki, with a single blow [WWII](#) was over. Following New York's September 11 Pearl Harbor [Winston Churchill](#) was not here to remind us. That we didn't come this far because we're made of sugar candy.



So, we mustered our humanity. We gave old pals a pass. Even though men and women from Saudi Arabia were largely responsible for the devastation of New York, and Pennsylvania and our [Pentagon](#), we called Saudi Arabians our partners against terrorism and we sent men with rifles into Afghanistan and Iraq, and kept our best weapons in their silos. Even now, we stand there dying. Daring to do nothing decisive because we've declared ourselves to be better than our terrorist enemies. More moral, more civilized. Our image is at stake, we insist. But we didn't come this far because we're made of sugar candy. Once upon a time, we elbowed our way onto and across this continent by [giving smallpox-infected blankets to Native Americans](#). That was [biological warfare](#). And we used every other weapon we could get our hands on to grab this land from whomever. And we grew prosperous. And yes, we greased the skids with the sweat of slaves. So it goes with most great nation-states, which -feeling guilty about their savage pasts- eventually civilize themselves out of business and wind up invaded and ultimately dominated by the lean, hungry up-and-coming who are not made of sugar candy.

- Disney/ABC radio personality Paul Harvey, expressing family values on June 23, 2005



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Dr. Garth Nicolson discovered that biological agents used during the Gulf War had been manufactured in Houston, [Texas](#) and Boca Raton, Florida that had been tested on prisoner “volunteers” in the [Texas](#) Department of Corrections.



GERM WARFARE

During her visit to [India](#), [First Lady Hillary Rodham Clinton](#) scheduled an hour in Ahmadabad with the Self-Employed Women’s Association, and as [Newsweek](#) would record:

[t]he entire throng began to sing. The song was familiar, but elusive. Slowly, it became clear: they were singing “We Shall Overcome” in the Gujarati dialect. Hillary Clinton later said she found herself thinking about the great circle – from [Henry Thoreau](#), who was read by [Gandhi](#), who in turn inspired [Martin Luther King](#), whose anthem these women were now singing. A precisely perfect thought, of course. But the human reaction that accompanied it was far more memorable: as they sang, tears welled in Hillary Rodham Clinton’s eyes.

There are many who ruminate in the sentimental manner in which Hillary ruminate about such matters. It is exceedingly common to hear armchair influence studies not only from utterly ignorant politicians such as she and from utterly ignorant news magazines such as this one, but also from supposedly well grounded Thoreau scholars, that venture along the sublimely fulsome line “Thoreau influenced Tolstoy –and Gandhi –and King.” To counter this sort of terminal silliness I have developed a series of “complication” studies:

SOMEONE ELSE INFLUENCED TOLSTOY

SOMEONE ELSE INFLUENCED GANDHI

SOMEONE ELSE INFLUENCED M.L.KING

In the final two years of the Clinton administration, policy would shift back to the dual-use biological warfare



BIOCHEMICAL WARFARE

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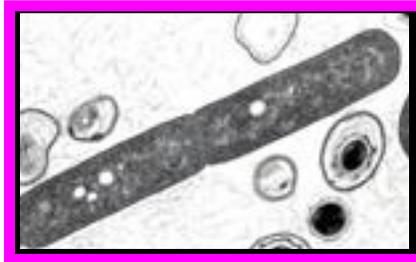
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hypocrisy that had been so typical of the Reagan era. Again, hundreds of millions of dollars were being committed to research, developing every known exotic disease in a weaponized form — but only, of course, for **defensive** purposes.

[GERM WARFARE](#)



Finally, the New York Times would be persuaded that it had to break the story that this sentimentalism was a stone fraud, that the administration was in fact violating both the international Biological and Toxin Weapons Convention that the US had entered into on April 10, 1972 and the domestic Biological Weapons Anti-Terrorism Act of 1989 by using genetic engineering to develop a resistant strain of [anthrax](#), and producing this weaponized super-anthrax in quantities and strengths that had no legitimate defensive purpose. (Since this was the strain that would be surreptitiously put in the US mail by a US weapons scientist just after 9/11, that would unfortunately off a number of us, perhaps it should termed not “dual-use” but “triple-use”!)

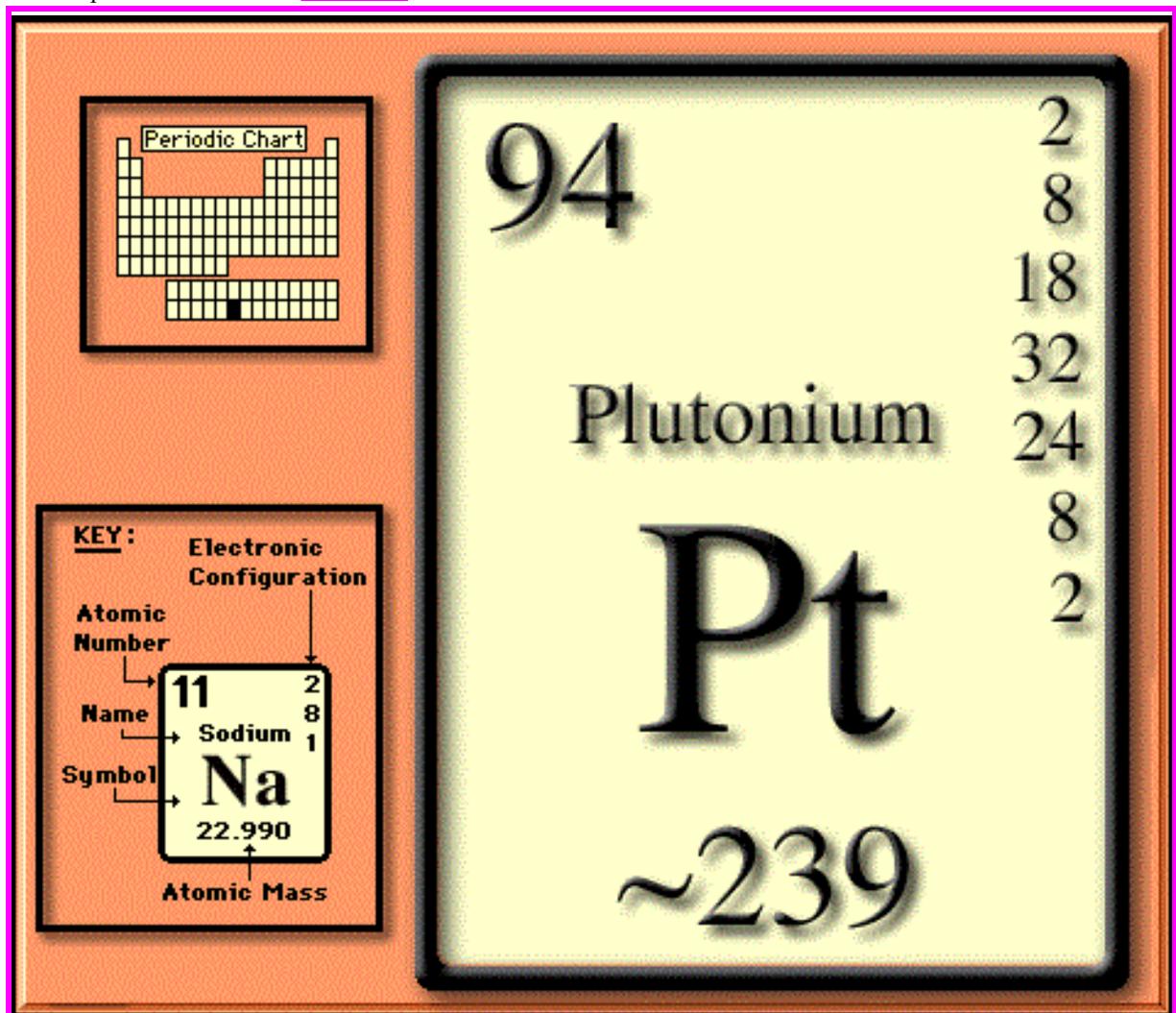


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The world's atomic testing continued:

TIMELINE OF EXPLOSIONS

I learned during this year something it would have been important for me to have known in 1965,  when I left active duty with the USMC and went to work for Procter & Gamble in Cincinnati. What happened was, in this year President Bill Clinton's Advisory Committee on Human Radiation Experiments released to the general public (anyone who could bear to read and mentally retain such news) the information it had obtained about hundreds of [secret medical experiments](#) the government had had conducted upon its citizens with [Plutonium](#).



The image contains three main components:

- Periodic Chart:** A simplified periodic table with a small black square in the bottom row, second column from the left.
- KEY: Electronic Configuration:** A diagram for Sodium (Na) showing its atomic structure. The atomic number is 11, the name is Sodium, and the symbol is Na. The atomic mass is 22.990. The electronic configuration is shown as 2, 8, 1, with arrows pointing to the shells. Labels include: KEY, Electronic Configuration, Atomic Number, Name, Symbol, and Atomic Mass.
- Plutonium Element Card:** A large card for Plutonium (Pt) with the atomic number 94, the name Plutonium, the symbol Pt, and the mass number ~239. To the right of the card is a vertical list of numbers: 2, 8, 18, 32, 24, 8, 2.

We learned from documentation about experimentation that had been done under the Department of Energy's predecessor agencies, the Atomic Energy Commission (AEC) and before that the "[Manhattan Project](#)" which had in 1945 produced the 1st atomic bombs, about many American civilians whose lives had been molested due to "arrogance and paternalism on the part of government officials and the biomedical community."



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What I learned was that in all likelihood the man whom I had replaced at the Cincinnati Toilet Goods Plant had been volunteered by P&G for secret experiments in the guise of medical treatment, resulting in his death from radiation effects — resulting, that is, in his official murder.

ASSLEY



Mr. Procter

Mr. Gamble

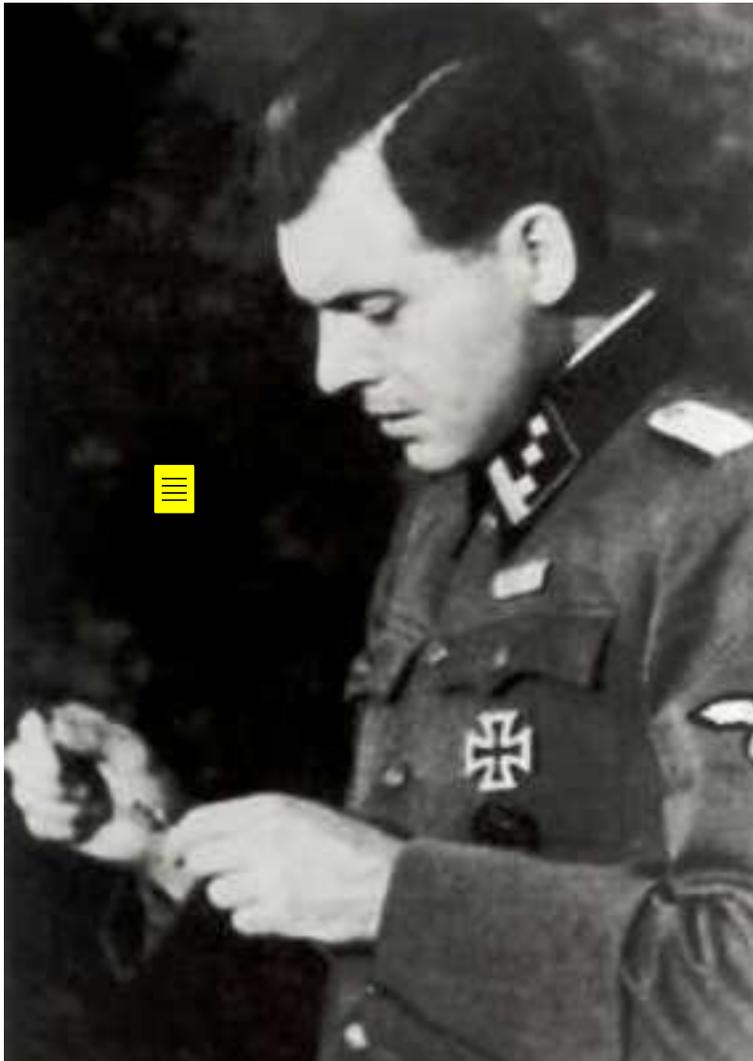


He had been a middle-aged mulatto man who had been diagnosed with terminal cancer of the throat (unfortunately, my memory has not retained his name), and when I showed up to learn to replace him as the newly “Job Study Engineer” in the Pack Bottles Department on the second floor of the plant, he told me that because his health care plan could not take care of the entire cost of such a treatment for cancer, the company had offered to send him on company time for free radiation treatments they had arranged with a kind doctor at the University of Cincinnati. He told me that this doctor had commented that he might as well go on and continue to smoke during the radiation treatment if he liked. It was all hell, learning about his job from him, because he was constantly blowing his Camel smoke in my face, and the rising columns of smoke from his ever-present [cigarettes](#) were making my eyes smart as I leaned over his shoulder to learn from him what he was doing. —Then one day he stopped coming to work. I didn’t suspect anything at that time, 1965,²⁶ and only learned three decades later, during this year 1995, that the medical center he was being sent to at the University of Cincinnati had been one of the prime contractors with the US government in its experiments with the lethality of massive doses of Pt, and that people of color, like him, had been its prime targets of opportunity.

26. What kind of idiot am I, that I suspected nothing at the time? Well, to defend myself, I had a lot of things on my mind at the time, such as how to handle the situation when I first was forced to shed my suit coat in the summer heat of Cincinnati, and they noticed with shock that this guy they had hired had a deformed spine. Looking back, however — how could I possibly have failed to notice there was something very fishy about this whole deal — that a patient with a cancer pronounced to be terminal, a patient who has been given but a few months to live, who is told that he needs to get his affairs in order and say his good-byes, is **never ever** subjected to damaging radiological or chemical procedures? —That a patient who is undergoing therapy for throat cancer is **never ever** told that it is OK for him to continue to smoke?

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The doctor he mentioned was probably, we now know, [Dr. Eugene L. Saenger](#), who has been characterized by expert witnesses before Congress as “dirty as Mengele.” Dr. Saenger was not doing this sort of dirty business on his own initiative, of course, but was like the original [Dr. Josef Mengele](#) on government contract — and he was not deviating one iota from the instructions that our government had given to him, which had been to find out for our weapons effectiveness program exactly how much [Pu](#) it takes to kill a person and how long it takes.



Dr. Eugene L. Saenger of the University of Cincinnati?

Here is a partial transcript of testimony before the House of Representatives Subcommittee on Energy and Power which had been provided on January 18, 1994 by Dr. David Egilman of Braintree MA, a professor at [Brown University](#):

My name is David Egilman. I'm a practicing physician in Braintree, Massachusetts. I practice internal medicine and occupational medicine. I'm also on the Faculty of Brown University and a member of the Center for Community Responsive



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Care in Boston.... The worst experiments that were conducted, in my opinion, were those that resulted in the deaths of their participants. Those were conducted at the University of Cincinnati between 1961 and 1972. They defined the purpose of their experiments in their first report to the funding agency, the Defense Department. "These studies are designed to obtain new information about the metabolic effects of total body and partial body irradiation, so as to have a better understanding of the acute and sub-acute effects of irradiation in the human." In another report they went on "The humans they wanted to know about the effects in were military personnel who might be irradiated during a war." They went on to describe the doses they were going to give – doses of 100 to 300 rads, eventually doses up to 600 rads were anticipated. 600 rads is lethal to almost everyone who would have received it under the conditions of this experiment. It would have killed everyone who would have received it. The doses that they **did** give to some of the individuals were enough, in anticipation by the researchers, to kill half of the people, the LD 50 was the dose.

Now the selection of subjects is very important. They were uneducated, average education 4th grade. Low intelligence. They had brain dysfunction, because of their underlying disease. They could not follow simple instructions. They were specifically selected because they had tumors, cancers, that were resistant to therapy. They picked patients whose cancers were not going to be treatable with the radiation. For, you see, in the 30s and 40s this had been tried for cancer therapy. And they knew by 1960 which cancers would respond and which would not. They wanted patients with cancers that would not respond, because then it wouldn't confuse the purpose of the experiment, which was to find out what effects the radiation would have on soldiers. If it actually treated the cancer, you would have some confusion between the cell necrosis, the cell death from the treatment and the effects of the radiation.

62 of 88 patients were black. If this was a cancer study, it is the first one that excluded affluent white people at its inception.

Now the methods: Because they were studying the effects of radiation to predict them on soldiers, the effects were known, nausea and vomiting. Treatment for nausea and vomiting was specifically denied these patients. This is just inhumane. Some of these patients had stage 4 severe nausea and vomiting, that went on for days and longer. And treatment for vomiting was available. Despite the fact that they specifically selected those whose cancers would not be treated, the patient was told he was to receive treatment to help his disease. Other effective treatments that were available for some of the cancers at the time, not cures, but palliative treatments were available, for the gastro-intestinal cancers, 5FU, which is still used today for that same tumor, were denied the patients with that type of cancer.

And what were the results. Radiation sickness and death. The

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study participants, the researchers themselves, in 1973, said that 8 of the victims died as a result of the radiation. I have reviewed the data of the individual patient records, the summaries provided by the researchers, I've only reviewed a few of the actual charts, as did the junior faculty committee. at the University of Cincinnati, which should get credit for having first discovered this and stopped it in 1971, and, in our opinion, more than 20 of the patients died as a results of the experiments.

Now let me turn to plutonium injections, and make just a few comments, since you've heard a lot already. First, plutonium is not just a substance [which] causes cancer, it is an acute toxin. It can make you suffer, just from having it injected. Acutely, right away. The doses injected were potentially lethal, and I've reviewed the summary of the diagnoses. In my opinion, there is no way that physicians at that time could have thought that those patients were terminal. 12 of 18, in my opinion, were clearly not terminal. Maybe 3 of those are questionable, 9 of 18 were definitely not terminal. And they were not terminal by what physicians knew was terminal then - injured knee is not a terminal disease.

Unfortunately I must say that the research was meaningless from a scientific standpoint. This is ICRP, [referring to slide] the radiation standard for protection developed in 1972. They knew about the experiments and referenced them. And they said because they were so poorly done and full of errors that the data from these 18 people were not meaningful in developing the radiation protection standard. So while these people may be heroes [reference to earlier testimony], because this won't happen, again, unfortunately, the science in, it was not science, that it didn't provide us meaningful information.

As you heard no medical follow-up care was planned and none was performed. The injection of lethal plutonium into healthy individuals, showed a reckless disregard for human life, by physicians, unfortunately, and others....

When is a serial killer not a serial killer? Suppose some dude is in the habit of asking people to go fishing with him, and when he gets them out on his boat, he spits in their faces and tells them that he is about to kill them and shoots them in the back of the head, chortling gleefully, and dumps their bodies in the water. He's a serial killer, right? When we catch this dude, he's a goner, right?

- Suppose, however, that he's wearing a white lab coat while he spits in their faces and tells them that he is about to kill them and shoots his victims in the back of the head, chortling gleefully, and dumps their bodies in the water. Is he still a serial killer? Is he still a goner when we catch up with him?
- OK, suppose not only that he's got a white lab coat on, but that he actually is a licensed physician. Is he still a serial killer? Is he still a goner, when we catch up with him?
- Suppose not only that he's a licensed physician wearing a white lab coat, but also, that he's under contract with the US government. Is he still a serial killer? Is he still a goner if we can catch up with him?
- Suppose that, instead of inviting people out on his boat, he invites people into his lab at the University of Cincinnati, and invites them to sit in a special chair, and shoots them in the back of



BIOCHEMICAL WARFARE

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- the head with one lead bullet of varying sizes and energies, in order to find out for our government the exact size and velocity of lead bullet to the back of the head, that it requires to produce assured death. Is he still a serial killer? Is he still a goner if we can catch up with him?
- Suppose that, instead of shooting them in the back of the head with one lead bullet, he administers just millions and millions of little tiny neutron bullets all over their bodies, in order to find out for our government the exact dose and energy of neutron bullets, that it requires to produce assured death. Suppose that instead of spitting in their face and telling them that he's going to kill them, he pats their hands gently and tells them that he is going to try to cure them of life. Is he still a serial killer? Is he still a goner if we can catch up with him?
 - Suppose that, before administering just millions and millions of little tiny neutron bullets all over their bodies, he assures them that he is their health care provider, concerned to enhance their lives. Then, instead of dumping their bodies in the river, he has them incinerated and their ashes destroyed, so there could be no evidence of the levels of radiation to which they had been subjected, which had hastened their deaths. Is he still a serial killer? Is he still a goner if we can catch up with him?
 - Suppose that, in killing people with his radiation experiments, he carefully selects only geriatrics who have only short lives remaining anyway, such as people maybe in their 70s, will likely be dead within a decade or so. Is he still a serial killer? Is he still a goner if we can catch up with him?
 - Suppose that, in killing people with his radiation experiments, he carefully selects only people who supposedly would have only short lives remaining anyway, such as people who have been diagnosed with inoperable cancer who although they will not die right away, will likely be dead in six months or so. Is he still a serial killer? Is he still a goner if we can catch up with him?
 - Suppose that, instead of shortening the lives of people with his radiation experiments as the US government desires, he cheats the federals out of their nickel, by attempting to select people who will benefit from radiation therapy, and suppose he tells these patients that he abides by the Hippocratic Oath "first, do no harm," and is going to try to prolong their lives and improve their quality of life, but suppose his judgment is not very good and inadvertently he actually is shortening these people's lives from a few months to a few weeks. Is he still a serial killer? Is he still a goner if we can catch up with him?
 - Suppose that, instead of shortening the lives of people with his radiation experiments, he actually succeeds in selecting the right patients and the right dosages of radiation therapy, so that he somewhat lengthens these people's lives from a few months to a year or more. Is he still a serial killer, just because the government was paying him to be a serial killer and supposing that he was acting as a serial killer? Is he still a goner if we can ever catch up with him and hold him up to scrutiny — or is it our government that is a goner if we can ever catch up with it and hold it up to scrutiny?

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At some point, I guess we can all agree, this dude has transitioned from being a serial killer to being a benefactor of humankind. At what step in the above analysis would this transition from serial killer to benefactor of humankind take place, between situation #1 and situation #2, or between situation #5 and situation #6, or between situation #9 and situation #10? At what point do we give him a gold medal rather than send him to the gas chamber? –In the case of [Dr. Eugene L. Saenger](#), his records of experimentation have subsequently been examined by a board of radiologists and oncologists and maybe even proctologists, for ethical irregularities, and he has been pronounced to be like Ivory Soap, 99⁴⁴/₁₀₀% pure. After killing 88 people, mostly poor and of color, he was allowed to retain his standing as an honored emeritus.²⁷

(I don't know whether this ethical board of radiologists and oncologists and maybe even proctologists took the Oath of Hippocrates, "first do no harm," into account. I am reminded instead of those letters that the king of France used to put out to his secret operatives, that could be produced to the local police upon reason to so, which declared in advance –in effect– that "It is for the good of the kingdom that this man has done what he has done.")

Yeah, right, 88 cancer patients died quickly rather than slowly — so that we all could enjoy life abundant in a squeaky-clean world free of the threat of war.

The year in which I had sat hunched over the shoulder of this job study engineer receiving secondhand his lethal dose of [Pu₂₃₈](#) was the year in which I had been fathering my first child, Cara Maria Meredith, who was born with multiple allergies and with a highly unusual big red semicircular mark on her forehead outside the hairline. When I saw my baby for the first time, at the hospital through the glass window, I sought out and interrogated the obstetrician, to be assured that no "spoon" had been used during Cara's delivery. Had it been damaging for me or for my baby, for me to have been sitting in that way for eight hours a day five days a week at the Cincinnati Toilet Goods Plant of Procter & Gamble hunched over the shoulder of someone who was at the time being murdered with radiation by our government? Did my daughter receive her highly unusual outside-the-hairline birthmark due to radiation damage to my sperm? I simply don't know, because I do not know with any level of assurance that the dose that Dr. Saenger was administering was given through exposure in his office, or was given by having the test subject ingest radioactive materials. Whether it was the one or the other would of course make a tremendous difference in the levels of radiation to which I in addition, by sitting close to this Job Study Engineer, was being exposed — was his body rendered radioactive, or was it not? Also, I am not myself able to calculate with any assuredness how much the high-energy neutron bullets emitted by Pu₂₃₈ are dissipated at the square of the distance in an average distance of two or three feet, passing through another person's body before entering my own gonads. –And, we can be assured, nobody in the US government is ever going to be eager to tell us, even if we could ever be prepared to trust the word of such an agent. If somebody were to assure me that the dose Dr. Saenger was administering was given through exposure in his office, rather than by having the test subject ingest radioactive materials, how would I be able to know after they have destroyed all the evidence by disposing of the body, that they are telling me the truth?

After all, we do know that at least 18 US citizens have been experimented upon by the US government by injecting their bodies with radioactive Pt. We learned from [Science Trends](#) newsletter about some US Army [secret medical experiments](#) that had gone on from 1949 to 1969 in San Francisco, [Chicago](#), and Rochester as part of the Manhattan Project, involving "injection of relatively massive quantities of bomb-grade plutonium into the veins of 18 men, women, and children." So, despite assurances that all Dr. Saenger was doing was subjecting his "patients" (experimental subjects) to irradiation — how can I know for sure that Dr. Saenger had not also been up to this testing by injection of radioactive materials?

27. Not so the real [Dr. Josef Mengele](#), who in 1964 was retroactively stripped of his 1935/1938 accreditations by the Universities of München and Frankfurt.



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January 11, Wednesday: In the case of the poor University of Cincinnati patients who had been used as guinea pigs in military [secret medical experiments](#) into the effects of [Plutonium](#), US District Judge Sandra Beckwith issued a key order denying a defense motion seeking immunity for the University of Cincinnati researchers, on the grounds that since they had been working for the US federal government, they lacked all responsibility for their conduct. Her decision asserted a constitutional right to “bodily integrity.”

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1996

At the Anniversary dinner of the [War Resisters League](#) the League Peace Award was presented to Living Theatre.

The US Department of Defense admitted for the first time that Desert Storm soldiers had been exposed to chemical agents.

GAS WARFARE



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1997

Eighty-eight members of Congress signed a letter demanding an investigation into bioweapons use in regard to the alleged Gulf War Syndrome.

[GERM WARFARE](#)

April 24, Thursday: Robert Erickson died in San Diego at the age of 80.

Ivan Yordanov Kostov replaced Stefan Antonov Sofianski as Prime Minister of Bulgaria.

A package containing a Petri dish labeled “anthracks” arrived at the headquarters of B’nai B’rith in [Washington DC](#). The bacterium turned out to contain not anthrax but bacillus cereus, a close but nontoxic cousin used for training purposes by our Department of Defense. There were similarities to the later real anthrax attacks such as the one of October 4, 2001 — for instance the misspelling “penacilin.” (In July 2002, according to the New York [Times](#), B’nai B’rith would assert that the FBI had still been incurious about this hoax attack.)

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1999

February: During this month, William Patrick, the specialist who had devised the US [anthrax](#) weaponization process, wrote under contract with the CIA a classified report on possible responses to an anthrax attack conducted through the US Mail. This report had been commissioned by Steven Hatfill due to a series of hoax anthrax mailings. The report described what a terrorist might hope to accomplish and what the US military might be able to do about it (refer to the New York [Times](#) for December 3, 2001). The BBC would ask on March 14, 2002 whether there might have been a secret CIA project to investigate methods of sending anthrax through the mail which had gone madly out of control, and suggest that the anthrax attacker might have known of this study or have taken part in it. The CIA and Patrick in particular denied the existence of such a report even though copies were in the possession of the media (refer to the Baltimore [Sun](#) for June 27, 2002). During this month, Steven Hatfill was leaving his position at Fort Detrick, Maryland (USAMRIID) for another full-time job elsewhere. During this month, also, a handful of envelopes with almost identical messages were being sent via the US Mail to a combination of media and government targets including the Washington [Post](#), the Atlanta office of the NBC, a post office in Columbus, Georgia that is next to the US Army base of Fort Benning, and the Old Executive Office Building in Washington. The letters contained an imitation of the sort of powdered anthrax with which US bio-defense scientists had begun to experiment. The New York [Times](#) would suggest on July 12, 2002 that Steven Hatfill could have been the culprit not only in this mailing but also in the similar earlier mailing of April 24, 1997. However, while Hatfill had been working on virology at Fort Detrick, Maryland (USAMRIID), he had not been stationed in the building in which anthrax was being studied ([Weekly Standard](#) for September 16, 2002).

BIOTERRORISM



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2000

May 14, Sunday: According to the Sunday Times, an inquiry had been launched into the behavior of Bayer in an English trial of the anti-[anthrax](#) drug Cipro. Bayer knew that Cipro reacted badly with other drugs, seriously impairing its ability to kill bacteria, but was testing the drug anyway. Although the results of the trials at other test centers were unknown to the press, it had come to be known that nearly half of those operated on at one test center had developed a variety of potentially life-threatening infections.

BIOTERRORISM

July 27, Thursday: According to Reuters, the US Food and Drug Administration endorsed the use of Bayer's Cipro drug for the prevention of inhalation [anthrax](#). The FDA does not ordinarily issue official recommendations of this sort, and in 1997, a Pentagon study of anthrax in rhesus monkeys had indicated that several other drugs were as effective as Cipro. The government explained, however, that a strain of anthrax might arise that was resistant to drugs in the penicillin and tetracycline families of antibiotics (New York Times for October 2, 2001).

BIOTERRORISM

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2001

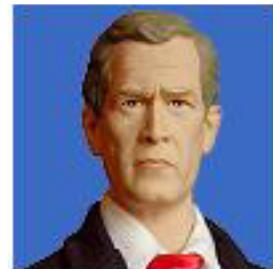
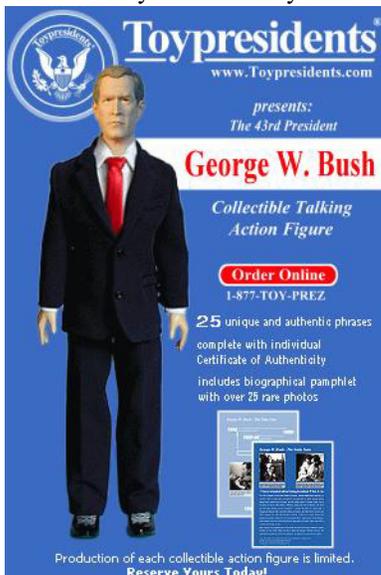
August: The Baltimore Sun would reveal, on July 18, 2002, that during this month the high-level Department of Defense security clearance of future anthrax suspect Steven Hatfill had been revoked. Although he had been employed at a private company, the government provided no explanation for the action to his employers.

BIOTERRORISM

September 4, Tuesday: On or about this date, what appeared to be an oddly worded love letter to Jennifer Lopez was posted to The Sun, a supermarket tabloid with offices in Florida. Inside the envelope was what was later described as a soapy, powdery substance and a cheap Star of David charm. This letter was thrown away after being handled by Ernesto Blanco, who would contract a case of anthrax, and Bob Stevens, who would die of anthrax. (Newsweek for October 8, 2001 reported that there had been a Middle Eastern intern working at The Sun that summer who had left a curious farewell e-mail. Could this envelope with a soapy, powdery substance have been part of a pre-9/11 series of anthrax attacks as reported by the New York Post for November 1, 2001? (The only specific target mentioned by the Post was Fox News Channel's Bill O'Reilly.)

BIOTERRORISM

In the wake of the damage done by former Special Agent and convicted spy Robert Hanssen, former U.S. Attorney Robert S. Mueller, III became FBI Director with a specific mandate to fix whatever it was that was broken in the Bureau's internal security. He had been nominated by President George W. Bush in June and unanimously confirmed by the Senate on August 2nd.



This great nation will lead the world ...

Our nation is deeply grateful ...

We know what we need to do ...

This isn't a Republican war ...

I'm glad to be in the midst of patriots.



BIOCHEMICAL WARFARE

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Before September 11: The New York Post would, on November 1, 2001, assert that at some point not long before 9/11 a series of hoax [anthrax](#) letters had been posted from Indianapolis, Indiana. The FBI allowed the Post to see copies of these hoax letters, letters which were similar in a number of respects to later letters that contained real anthrax.

BIOTERRORISM

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September 11, Tuesday: As we all remember, something [self-privileging](#) happened on this day.



United Airlines Flight 175 and American Airlines Flight 11 took off from [Boston](#)'s Logan airport bound for Los Angeles, loaded with fuel and with a minimal number of passengers. They were both hijacked and diverted toward [New York City](#).

Following the massive attacks by Saudi Arabian terrorists against the twin towers of the World Trade Center in New York City and the Pentagon in [Washington DC](#), the [FBI](#) dedicated 7,000 of its 11,000 Special Agents and thousands of FBI support personnel to the PENTTBOM Pentagon, Twin Towers Bombing investigation.

[READ THE FULL REPORT](#)

[ASSOCIATED DOCUMENTS](#)



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However, something of greater importance than this was happening on this day.

What could have been of greater importance than the deaths in the Twin Towers that happened on this day? Ever since 1992, America’s strategic thinkers had been scheming a radically new foreign-policy doctrine for the post-Cold War world. Their work product had been a Defense Planning Guidance tract that’s now termed “Dick Cheney’s masterwork.” In this curious document the most important of America’s exceptional qualities, which entitle it to rule the world, rather than being its old-style [American-Exceptionalist](#) Chosen-of-God status, or its melting-pot virtue, or its democratic values, or its wise capitalist system for the mobilization of economic energies, is its sheer military dominance. Might, it would seem, in the [self-privileging](#) mentation of Mr. Cheney, makes right. Cheney called for the preservation of a US nuclear arsenal strong enough to prevent the development of nuclear capabilities by any more 3rd-world nations. Clearly this was intended to be a first-strike capability, for he demanded a doctrine of unilateral military action, one of the preemptive use of force, which amounted to a major departure from anything that had been schemed before in our nation’s puzzle palace. America was to be, and was to remain, and was to preserve itself, as the world’s sole superpower. These new exceptionalists at the Pentagon argued for liberating the United States of America from any constraints imposed by our having other nations as our allies, and from any constraints imposed by our having entered into binding international treaties. To their way of thinking the US Constitution outlawed any such bowing and scraping to any superior authority such as international law, and outlawed any transfer, any pooling, any delegation of sovereignty, to any international entity such as the United Nations. Until the events of this day on Manhattan Island, Cheney’s new exceptionalism had been a doctrine in search of a cause. It had lacked, its proponents had continually moaned, the necessity and legitimacy that could be obtained only through the trauma of another Pearl Harbor sneak attack. Its proponents had cooled their heels a long time waiting for such a legitimation. They had functioned as a “sleeper cell” inside the Pentagon in [Washington DC](#), ready to spring to life in the hour of the nation’s need. They had not planned September the 11th, but they had longed for something like the collapse of the Twin Towers and if they could have prevented it from happening they would not have prevented it from happening: such an occasion had been viewed as their great releasant, their opportunity. They promptly called on all loyal Americans to support a permanent total “war” against global terrorism. Our cause –defeat of the terrorists– was the world’s cause. We would no longer have any need to search out various arcane explanations for our worldwide career of adventuristic muscle-flexing.

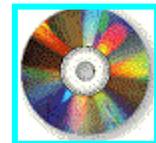
[US MILITARY INTERVENTIONS](#)

Soon the Wubya administration would widen the war from a struggle to dig out and destroy transnational terrorists to a struggle to dominate any regime that might conveniently be suspected of planning to offer them shelter or weaponry, such as Iraq or North Korea. (Never mind that the perps of 9/11 had, to a man, been middle-class Saudi Arabians. Never mind that the anthrax attack that had killed several postal workers had been made using US anthrax produced in a US laboratory of the sort which previously we had spread around widely, for instance giving some to Saddam Hussein of Iraq, and had been manufactured obviously by some unidentified, disaffected US germ-warfare specialist. Never mind that actually Iraq didn’t have at this time any weapons of mass destruction at all, not biological and not chemical and not nuclear.)



“To understand is not to forgive. It is only to understand. It is not an end but a beginning.”

– [Rebecca West](#)



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Could anyone ever concoct a more airtight legitimation for [self-privileging](#) than this one? Unfortunately, yes, someone would indeed be able to concoct a more airtight legitimation story than this one! Soon a person named Ernest L. Martin would be publishing a treatise THE BIRTH OF CHRIST RECALCULATED which would be insisting that Jesus Christ's date of birth must have been September 11th (in 3 BCE, that is, precisely 2003 years before). This author would be basing this calculation in part upon an [eclipse](#) of the [moon](#) that is known to have occurred shortly before the death of Herod because it was reported by Flavius Josephus in ANTIQUITIES. However, the reason why it never so much as occurred to anybody before, that this lunar eclipse might have been momentous, and that September 11th might actually be [Christmas Day](#), is that until the US was attacked on this day in this manner nobody had learned that this was a day of very special significance. The Muslim terrorists hadn't so much brazenly assaulted the United States of America, you see, as they had impiously assaulted the entire Christian religion. –The complete, perfectly airtight legitimation story for a [Crusade of Self-Privilege!](#) –Destroy the heathen!



SKY EVENT



"There is only one way to accept America and that is in hate; one must be close to one's land, passionately close in some way or other, and the only way to be close to America is to hate it; it is the only way to love America."



– Lionel Trilling

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September 18, Tuesday: The Reverend Charles Taylor, a grand master at the prediction of [Doomsday](#), had predicted that this day, Rosh Hashanah, was going to bring, finally, [The Rapture](#). And yes, this day did turn out to be a little unusual — a letter containing domestic [anthrax](#) spores was mailed to Tom Brokaw at NBC News in New York City. Two other letters with nearly identical handwriting, hate messages, and lethal spores would arrive at the offices of Democratic Senator Tom Daschle in [Washington DC](#) and at the American Media Corporation in Miami. The choice of targets, as we can see, was curious. By early November, seventeen individuals would have been infected with this particular strain of anthrax and four would have died of the inhaled form of the disease.

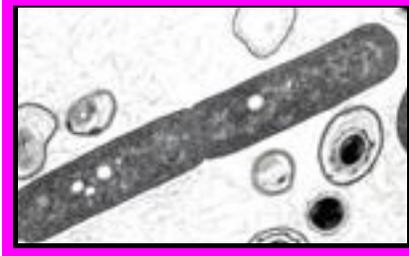
BIOTERRORISM



My personal suspicion, instantly, became that this attack likely had come from some disaffected Gulf War veteran like [Timothy McVeigh](#), who was himself immune to the anthrax because he had been vaccinated against it, and whose intention it was to teach America a lesson it wouldn't soon forget about our need to be

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prepared to defend ourselves in a hostile world. I also supposed, however, that it was possible that the



American public would never find out if this was indeed the case, because although it is illegal for us to assassinate foreign heads of state, it is not illegal for us to assassinate our own citizens in the interest of national security and with prior permission as specified in a top-secret Presidential “Finding” order. Whoever did this would be identified and killed, his death would be made to appear an accident, and no public disclosure would ever be made. Of course, I may well have been fantasizing, because at that point I had very little hard information to go on (this was before the anthrax in the letters had been identified as the Ames strain from our own war labs and our intelligence operatives had gone out to the original storage lab in Ames, Iowa and destroyed all samples, perhaps to make it impossible to do a genetic reconstruction of precisely where the anthrax used in the attacks had originated).

The following article by a law professor at the University of Illinois has surfaced on the Internet, and it would appear that my initial suspicions in the absence of hard evidence may not have been all that far off. What was happening in the anthrax attacks in the United States would become very clear when the New York Times was able to publish the details of the technology behind the Daschle letter. These anthrax samples would be revealed in the public newspapers to have been super weapons-grade, of a trillion spores per gram. It had been subjected to a special treatment to eliminate electrostatic charges so the spores would float lethally through the air — this could only have been our own stuff produced with our own special equipment in one of our own secret biowarfare labs, such as at Fort Detrick near [Washington DC](#):

GERM WARFARE

Tuesday, 7 January 2003 **FBI Knows Who Was Behind Anthrax Attacks** **Bio-Warfare and Terrorism**

By Francis A. Boyle - Professor of Law at the University of Illinois, Urbana IL, author of FOUNDATIONS OF WORLD ORDER (Duke UP, 1999) and THE CRIMINALITY OF NUCLEAR DETERRENCE (Clarity Press, 2002)

During the Fall of 2001, we witnessed anthrax attacks on the United States government that were obviously designed to shut down the government at a very critical time immediately after September 11. It was during this time that Congress should have been in session, making decisions regarding oversight of the Executive Branch of government. This note will discuss some historical background for the law, policy and science of biological weapons here in the United States.

Early US Bio-War Program

The US has had, at least going back to World War II, an



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extremely aggressive offensive biological warfare program. In 1969, President Richard Nixon decided to discontinue this program (at least with regard to biological agents, which are used as weapons, as opposed to toxins, which were theoretically for researching methods of immunization and therapy). There were two reasons for discontinuing the weapons program: (1) it was counter-productive militarily, as biological weapons were very difficult to control, and (2) the US already had massive superiority in nuclear weapons. Biological weapons were seen as the poor mans atom bomb and Nixon wanted to get rid of them to prevent Third World nations from acquiring relatively inexpensive weapons of mass destruction.

In accordance with President Nixon's order, the total destruction of antipersonnel biological agents and munitions was completed by May of 1972.²⁸ It is believed, however, that the Central Intelligence Agency (CIA) continued to research biological weapons in spite of the Presidents order.

The US signed on to the Biological and Toxin Weapons Convention (BTWC) on 10 April 1972.²⁹ The BTWC entered into force on 26 March 1975. This convention prohibits the research, development and testing of biological weapons, agents and compounds. The convention has an exception for prophylactic and defensive purposes. There remained, however, a Chemical and Biological Warfare unit lurking in the Pentagon, starved for funds and wanting to come back to life.

The Reagan Administration

The administration of President [Ronald Reagan](#) came to power in 1980. The Reagan administration took the position that the US was going to exploit its superior technology with regard to all types of weapons. This also included the new technologies of gene splicing and genetic engineering. Massive amounts of money, hundreds of millions of dollars, were poured into researching and developing what were claimed to be defensive biological agents.

The way the Reagan administration did this was by investigating every exotic disease one could imagine for the purpose of developing vaccines. In this way, the US operated within the exceptions of the BTWC. Of course, the technology used to get the vaccine is exactly the same technology used to create the agent. In fact, the agent is usually created first in order to then produce the vaccine. After one creates the agent, one creates the vaccine and then a delivery device. The

28. <http://www.gulfwarvets.com/biowar.htm>

29. <http://projects.sipri.se/cbw/docs/bwbtwcmainpage.html>

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result is a biological weapon.

Much of the research for these biological weapons was being done at universities around the country. The tip-off in many of these government contracts is that they call for the development of an aerosol delivery device. This is important because most biological warfare agents are delivered through the air.

Meanwhile, the Reagan administration was cutting back funding for the National Science Foundation (NSF). The effect was that second- and third-rate scientists, who were no longer able to receive research funds from the NSF, were forced to turn to the Pentagon for funding.³⁰

Biological Weapons Anti-Terrorism Act of 1989

On September 13, 1985, the Council for Responsible Genetics (CRG) had a Congressional Briefing on Capitol Hill. I was asked to participate in this briefing and to explain what the Administration was doing and how dangerous the situation was. The US government was funding scientists to research biological warfare technology and it was going out all over the country, indeed, around the world.

I was then asked by the CRG to help draft legislation to deal with this problem, in particular the abuse of genetic engineering technology for biological warfare purposes. I worked in conjunction with the CRG scientists and the biotech industry. At that time, the biotech industry had no desire to get into developing biological warfare technology and the industry supported the proposed legislation. The result was the Biological Weapons Anti-Terrorism Act of 1989.³¹

The Reagan administration fought the proposed legislation tooth and nail. They knew full well that the legislation was designed to stop what they were doing at the Pentagon. The Act makes it very clear that research, development or testing of biological warfare agents would be punished by life in prison.

While this fight was going on, the Reagan administration authorized at least 40 shipments of weapon-specific biological agents to Iraq from the American Type Culture Collection, which is a large scientific institute. The Collection cultures every known type of disease for scientific purposes. It was clear that the Reagan administration was shipping all of these materials to Iraq knowing full well that Iraq was going to develop

30. The Council of Responsible Genetics responded to this by putting out a Pledge where the signers declared that they would not accept any money from the Pentagon for any reason.

31. <http://www.sunshineproject.org/publications/uscode.html>. See also: Francis Boyle, *The Future of International Law and American Foreign Policy*, 277-316 (1989).



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biological weapons and use them against Iran.³²

The Bush, Sr. Administration

President George Bush, Sr. was elected in 1988. The question was whether we should continue to push for the legislation or abandon the project. The decision was made to go forward. To the credit of President Bush, Sr., the moment his administration came into power, all opposition to our legislation stopped. We were advised, however, that it would help on the Hill if we would repackage it as a piece of legislation designed to deal with biological weapons in the Third World, that there were crazies who were looking to develop biological weapons and our legislation was designed to deal with them. We agreed. The legislation was not changed, just the way in which it was presented. The Act was passed unanimously by both Houses of Congress and signed into law by President Bush.

Iraq

In the Fall of 1990, the US went to war with Iraq after the Iraqi invasion of Kuwait. President Bush, Sr., and then-Secretary of Defense Richard Cheney ordered all US military personnel to take experimental vaccines for anthrax and botulin. As was later revealed, the Reagan administration had shipped these biological agents to Iraq, and Iraq had weaponized them.

These experimental vaccines were given to over a half-million US soldiers. At least 50,000 of these soldiers later developed unexplained illnesses, generally referred to as Gulf War Syndrome. I personally believe that this syndrome is the result of these vaccines. They were experimental medical vaccines in violation of the Nuremberg Code on medical experimentation.³³

The Clinton Administration

In the last two years of the Clinton administration, the policy shifted back to the dual-use biological warfare work. Again, hundreds of millions of dollars were committed to research and develop every known exotic disease. The research was then turned over to the Pentagon, where it could be used to produce weapons. This is going on today.

Finally, the New York Times broke the story that the US government was violating the BTWC. The US was developing a resistant strain of anthrax with genetic engineering. The US had also developed super weapons-grade anthrax in quantities and strengths that have no legitimate defensive purpose. It is very clear that the US was back

32. Iraq invaded Iran in 1980, shortly after the Iranian Revolution of 1979, in an attempt to take advantage of Iran's instability and gain territory.

33. <http://www.raven1.net/nurm.htm>

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in the business of researching and developing biological agents. This is a clear violation of both the international BTWC and the domestic Biological Weapons Anti-Terrorism Act.

The Bush, Jr. Administration

That is why the Bush, Jr. administration repudiated the verification protocol for the BTWC. These negotiations had been underway for quite some time. The convention has no verification provisions.

In Fall 2002, all of a sudden, Bush, Jr. repudiated the whole thing and tried to kill it. Why? Because it is clear we are involved in this type of work, whether the Pentagon, the CIA, their contractors, or all of them.

Anthrax Attacks 2001

Finally we have the recent anthrax attacks in the United States. It was not clear what was going on until the New York Times published the details of the technology behind the Daschle letter. The technology behind this and following letters was very sophisticated. These anthrax samples had a trillion spores per gram. That is super weapons-grade.

There was also a special treatment to eliminate electrostatic charges so the spores would float in the air. One must have special equipment for this treatment. The only people who would have the capability to do this are individuals who are either currently employed by the Department of Defense or the CIA doing biological warfare work, or people who had been employed in that capacity. One would probably need access to one of the government's biological warfare labs and there are only a handful of these labs in the country.

The day I read the New York Times piece, I called a senior official in the **FBI** who handles terrorism and counter-terrorism. The FBI was coordinating its efforts with Fort Detrick, which is one of these few biological warfare labs. The obvious problem with this is that the person responsible for the anthrax attacks could very well be one of the personnel from Fort Detrick.

Soon thereafter, the FBI authorized the destruction of the anthrax culture collection at Ames, Iowa. It had been determined that the anthrax used in the attacks was an Ames-produced strain. The entire supply was destroyed. This was obviously a cover-up. If you had access to that supply, then you could do a genetic reconstruction of where the anthrax used in the attacks originated.

I believe that the FBI knows exactly who was behind these attacks and that they have concluded that the



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perpetrator was someone who was or is involved in illegal and criminal biological warfare research conducted by the US government (the Pentagon or the CIA) or by one of the governments civilian contractors. For that reason, the FBI is not going to apprehend and indict the perpetrator. To do so would directly implicate the government in conducting biological warfare research. So this is where we are today. The FBI says that they are working on it, but of course, that is ridiculous.

October 1, Monday: The New York Times noted that a number of government officials had been issuing stepped-up warnings about the spread of chemical and biological weapons. For instance, White House chief of staff Andrew Card told the media, "I'm not trying to be an alarmist, but we know that these terrorist organizations, like al-Qaeda, run by Osama bin Laden and others, have probably found the means to use biological or chemical warfare." Republican Representative Henry J. Hyde had commented to the media that biological weapons scared him more than nuclear weapons because they could more readily be brought into the country. Defense Secretary Rumsfeld, Attorney General Ashcroft and others issued similar warnings. (This was just 3 days before anthrax attacks would become headline news.)

BIOTERRORISM

October 2, Tuesday: The "USA Patriot Act" was introduced in the federal Congress but was not well-received by all. A strange letter was posted to Dr. Ayaad Assaad, a Muslim who had been born in Egypt and had been employed as an anthrax researcher at Fort Detrick, Maryland (USAMRIID). This letter, unsigned, termed him a potential terrorist with a grudge against the United States of America, his adopted country, and described him as possessing the knowledge to wage biological warfare against it. In the early 1990s Assaad had received anonymous long hateful poems. In 1997 he had been laid off from these anthrax researches. The anonymous author described himself as a former colleague of Assaad. The letter seemed a not-altogether-subtle attempt to bring its addressee under suspicion, for the anthrax attacks that were yet to come. The document suggests that these attacks would be by someone at Fort Detrick who was bearing a long-time grudge against Assaad. The anthrax suspect Philip Zack would later emerge as one (but not the only) coworker harboring such a grudge.

BIOTERRORISM

October 3, Wednesday: On the day after the "USA Patriot Act" had been introduced in Congress, Senate Majority Leader and future anthrax target Tom Daschle (D) told the media that he doubted that the Senate would take up this bill in the one-week timetable the administration was looking for. As head of the Senate, Daschle would have great power to block or slow passage of the bill. Attorney General Ashcroft accused Senate Democrats of dragging their feet.

BIOTERRORISM

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October 4, Thursday: A letter containing [anthrax](#) was received in Senator Tom Daschle (D)'s office. Two days after the "USA Patriot Act" had been introduced in Congress, Senate Judiciary Committee Chairman and future anthrax target Patrick Leahy (D) accused the Bush administration of renegeing on an agreement on the anti-terrorist bill. Leahy was in a key position to block or slow the bill. Some warned that in their rush to meet the administration's timetable, the lawmakers were overlooking constitutional flaws. On this day the anthrax crisis began, with the 1st sickness, in Florida, being reported in the media (CNN for November 18, 2001; South Florida [Sun-Sentinel](#) for December 1, 2001). Letters apparently containing anthrax would continue to be received until October 19. After many false alarms, it would turn out that only four of these letters contained real anthrax — these four had been sent to NBC, the New York [Post](#), Democratic Senator Daschle, and Democratic Senator Leahy. There were a number of hoax letters, likely sent by the same person to all the recipients of the real anthrax letters, plus to CBS, Fox News, the New York [Times](#), and the St. Petersburg [Times](#). Eleven people would be infected, of whom five would die.

BIOTERRORISM

October 9, Tuesday: Senator Feingold (D) blocked an attempt to rush the "USA Patriot Act" to a vote with little debate and no opportunity for amendments, describing the bill as a threat to liberty. Identical letters were postmarked in Trenton, New Jersey, with [anthrax](#) lethal doses aimed at Senators Daschle and Leahy. Inside these letters were the words "Death to America, Death to Israel, Allah is Great."

BIOTERRORISM

October 10, Wednesday/11, Thursday: The FBI, in an action that would make it much more unlikely that we would be able to trace the [anthrax](#) type mailed in recent letters, allowed the original batch of the Ames strain of anthrax to be destroyed. (Suspicious that the anthrax used in the letters had been this Ames strain would, however, nevertheless receive confirmation on October 17th.)

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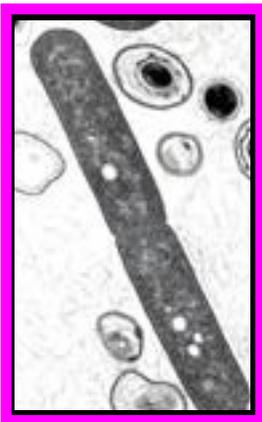
BIOCHEMICAL WARFARE

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October 14, Sunday: According to the Observer, CIA investigators of the [anthrax](#) attacks through the US postal system were at this point regarding Iraq as the most likely culprit. A source asserted, "They aren't making this stuff in caves in Afghanistan. This is prima facie evidence of the involvement of a state intelligence agency. Maybe Iran has the capability. But it doesn't look likely politically. That leaves Iraq." In a few days this theory would be discarded, and on October 20th the International Herald Tribune would report a new theory, that a disgruntled employee of a domestic laboratory that used anthrax had carried out the attacks. The newspaper also asserted that the investigators had tentatively identified the anthrax as a domestic strain that bore no resemblance to the strains that Russia and Iraq had turned into biological weapons. (In late 2002, with an attack upon Iraq in preparation, the Iraq theory would be recycled.)

BIOTERRORISM

In the aftermath of the anonymous domestic attacks, such as the letter that had been mailed on September 18th to Tom Brokaw at NBC News in New York, it was belatedly revealed to the American public that during [World War II](#) the Allies had been planning to launch an anthrax attack that would have wiped out [Germany](#) once and for all:



UK planned to wipe out Germany with anthrax

By George Rosie

As the world recoils at the horrific possibility of al-Qaeda terrorists waging anthrax war against United States citizens, the Sunday Herald can reveal that Britain manufactured five million anthrax cattle cakes during the second world war and planned to drop them on Germany in 1944.

The aim of Operation Vegetarian was to wipe out the German beef and dairy herds and then see the bacterium spread to the human population. With people then having no access to antibiotics, this would have caused many thousands -perhaps even millions- of German men, women and children to suffer awful deaths.

The anthrax cakes were tested on Gruinard Island, off Wester Ross, which was finally cleared of contamination in 1990. Operation Vegetarian was planned for the summer of 1944 but, in the event, it was abandoned as the Allies' Normandy invasion progressed successfully.

Details of the wartime secret operation are contained in a series of War Office files (WO 188) at the Public Record Office in Kew. Some of the files are still classified. The man whose task was to carry out Operation Vegetarian was Dr. Paul Fildes, director of the biology department at Porton Down near Salisbury in Wiltshire. Fildes had previously been in charge of the

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Medical Research Council's bacterial chemistry unit at Middlesex Hospital.

In early 1942, Fildes began searching Britain for suppliers and manufacturers of linseed-oil cattle cake to make five million small cakes. Large quantities of the bacillus itself had to be produced, while special containers to carry the cattle cakes had to be designed and made. Some RAF bombers had to be modified to deliver the anthrax-infected payload. And all of it had to be done as cheaply as possible.

The raw material for the cake was provided by the Olympia Oil and Cake Company in Blackburn. The contract to cut the cattle cake into small pieces went to J & E Atkinson of Bond Street in London, perfumers and toilet-soap manufacturers and suppliers to the royal family. The Atkinsons calculated that they could produce 180,000 to 250,000 cakes, each 2.5cm in diameter and 10 grammes in weight, in a 44-hour week. The price was to be between 12 and 15 shillings per thousand. The firm pledged to deliver 5,273,400 cakes by April 1943. By the middle of July 1942, the Atkinsons informed Fildes that "we are now producing at the rate of 40,000 per day."

The anthrax was manufactured by the Ministry of Agriculture and Fisheries at its veterinary laboratory in Surrey. An Oxford academic named Dr. E Schuster was set to work devising the pump to inject the bacilli into the cattle cakes. The Porton Down scientists settled on cube-shaped cardboard containers, 18cm square, to carry the infected foodstuff.

Each held 400 cakes. They would be fitted with a steel handle "of a size which enables the operator to grasp the handle without difficulty when wearing thick leather or moleskin gloves..." Thirteen women were then recruited from various soap-making firms, sworn to secrecy and given the job of injecting the cattle cakes with anthrax spores.

At the same time, Fildes and his team were working on the best way to deliver the diseased cattle feed to the German herds.

The RAF's research unit came up with a simple solution – easily made wooden trays that fitted on to aircraft flare chutes. Their Bomber Command Lancasters, Halifaxes and Stirlings were chosen for the job.

By the beginning of 1944, Operation Vegetarian was ready to go. It was crucial to mount any attack in the summer months. Fildes said: "The cattle must be caught in the open grazing fields when lush spring grass is on the wane." "Trials have shown that these tablets ... are found and consumed by the cattle in a very short time." "Cattle are concentrated in the northern half of Oldenburg and northwest Hanover. Aircraft flying to and from Berlin will fly over 60 miles of grazing land." Fildes calculated that, at an average ground speed of 300mph, the distance would be covered in 18 minutes. "If



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one box of tablets is dispersed every two minutes, then each aircraft will be required to carry and disperse nine, or say 10, boxes.”

One Lancaster bomber returning from a raid on Berlin would be able to scatter 4000 anthrax-infected cakes over a 60-mile swathe in less than 20 minutes. A dozen aircraft would have been enough to litter most of the north German countryside with anthrax spores. Operation Vegetarian was a seriously deadly project.

But, by the time Fildes’s operation was ready to go in the summer of 1944, the Normandy invasion had taken place and Allied armies were crashing through northern France and up through Italy. The war against Nazi Germany was instead being won by conventional means. At the end of 1945, five million anthrax-infected cattle cakes were incinerated in one of Porton Down’s furnaces.

GERM WARFARE

October 15, Monday: President [George W. Bush](#) pointed the finger of suspicion at Osama bin Laden rather than others, for the [anthrax](#) attacks: “There may be some possible link. We have no hard data yet, but it’s clear that Mr. Bin Laden is an evil man.” In Senator Daschle’s office, the lethal anthrax letter mailed October 9th was opened by staff members. Senator Leahy’s similarly lethal letter had been misrouted to Virginia on October 12th, and wouldn’t be discovered until November 17th.

BIOTERRORISM

October 16, Tuesday/17, Wednesday: On this day 28 congressional staffers tested positive for [anthrax](#), and first the Senate office buildings were shut down, and then the House of Representatives.

BIOTERRORISM

October 17, Wednesday: The FBI, in an action that had made it much more unlikely that we would be able to trace the [anthrax](#) type mailed in recent letters, had on October 10/11 allowed the original batch of the Ames strain of anthrax to be destroyed. Nevertheless, our suspicions that the anthrax used in the letters had indeed been this Ames strain were on this day confirmed. Also, the lethal anthrax letter addressed to Senator Daschle’s office had been opened by staff members on October 15th, but the similarly lethal letter addressed to Senator Leahy had been misrouted by the postal system to Virginia and was not discovered until this day.

BIOTERRORISM

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October 18, Thursday: The government of Canada overrode Bayer's patent for Cipro by ordering one million tablets of a generic version from another company. The US reported that it is was not considering any similar move. Patent lawyers and politicians explained that it would be better, and legal, to adjust Bayer's patent to allow other companies to also produce its protection-against-[anthrax](#) drug. The New York Times noted the avidity with which the White House was siding with the desire of corporations for profits rather than with citizens worrying about their lives, and pointed to the huge recent contributions made by Bayer to Republican campaigns.

In conjunction with the U.S. Post Office, the [FBI](#) offered a reward of \$1,000,000 for information leading to the arrest of the person who mailed letters contaminated with [anthrax](#) to media organizations and congressional offices.

BIOTERRORISM

October 21, Sunday: The President of the United States of America and the President of Russia issued a Joint Statement on Counterterrorism.

READ THE FULL TEXT

The [anthrax](#) antibiotic Cipro was becoming controversial. Bayer Corporation, holder of the US patent, was considering pulling out of pharmaceuticals altogether because it figured it wasn't making money fast enough. Meanwhile, it was allowing no other companies to produce or import Cipro into the USA. A class action suit by over one million Americans has been filed against Bayer and two other companies, alleging that Bayer has paid \$200,000,000 to two competitors in return for an agreement that they would not manufacture generic versions of Cipro. Other countries with less stringent patent laws were making Cipro available for 1/30th the price United States citizens were being forced to pay and were offering to import large quantities into the USA. The Bayer Corporation therefore reluctantly and belatedly agreed to reduce the amount they were charging the US government for Cipro tablets to \$0.95. They would continue to expect private citizens to pay their original higher price of \$1.83 per tablet. (Analysts feared that this price reduction was going to reduce Bayer's profit margin to 65%, from 95%.)

BIOTERRORISM

October 23, Tuesday: The New York Times reported that health officials and experts believed there to be numerous other drugs that were quite as effective as Cipro in combating [anthrax](#), and were in plentiful supply. Although a Pentagon study involving rhesus monkeys had showed in 1997 that several generic antibiotics, including doxycycline, a kind of tetracycline, and various penicillins, were equally effective in combating anthrax infections, Cipro had for some reason remained the only drug officially recommended by the US Food and Drug Administration.

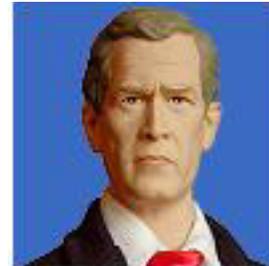
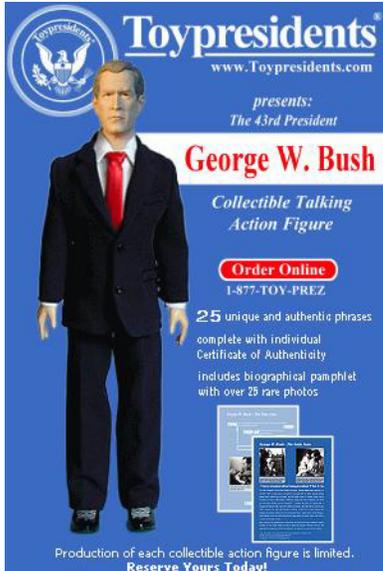
BIOTERRORISM

GO TO MASTER INDEX OF WARFARE

October 24, Wednesday: The US House of Representatives passed a number of previously unpopular [George W. Bush](#) projects, Alaska oil drilling, \$25 billion in tax cuts for corporations, taps into Social Security funds, and cuts in education, and also passed the final version of the “USA Patriot Act.” Republican Congressman Ron Paul commented that “It’s my understanding the bill wasn’t printed before the vote — at least I couldn’t get it. They played all kinds of games, kept the House in session all night, and it was a very complicated bill. Maybe a handful of staffers actually read it, but the bill definitely was not available to members before the vote.” It would later be revealed that only two copies of the bill had been made available in the hours before its passage. Most Representatives would admit that they voted for the Act without reading it.

BIOTERRORISM

October 26, Friday: The US Senate passed the final version of the “USA Patriot Act.” [Anthrax](#) target Senators Daschle and Leahy of course supported the bill. President [George W. Bush](#) immediately signed it into law, and [FBI](#) Director Robert S. Mueller, III accordingly accepted, on behalf of the Federal Bureau of Investigation, responsibility for protecting the American people against future terrorist attacks. Everyone breathed a sigh of relief, as the FBI was back to good old Hoovering at the same old stand.



This great nation will lead the world ...
 Our nation is deeply grateful ...
 We know what we need to do ...
 This isn't a Republican war ...
 I'm glad to be in the midst of patriots.

October 27, Saturday: The Afghan village of Darya Khanah was bombed. The US government no longer suspected Osama bin Laden of being behind the domestic [anthrax](#) attacks: Nothing seems to fit with an overseas terrorist type operation. The [Washington Post](#) was suggesting that neo-Nazi groups might have been behind it. Soon the FBI would release a profile of the perp. They suspected that he was a lone male domestic terrorist with a scientific background and laboratory experience in the handling of hazardous materials. Although the [London Times](#) asserted that terrorist Mohammed Atta had been given a flask of anthrax by an Iraqi agent in April 2001, and that this was the material that had then been used in the US anthrax attacks, US and Czech officials would eventually conclude that no such meeting between Atta and an Iraqi agent had ever occurred.

BIOTERRORISM

GO TO MASTER INDEX OF WARFARE

November 12, day: On this day occurred the 1st of a series of 16 mysterious deaths of renowned microbiologists.

There is a [Globe and Mail](#) article dated May 4, 2002 which is the best source for terming this series of deaths a tale that only the best conspiracy theorist could ever have dreamed up, a series rather difficult to explain in any other manner than with a conspiracy theory. This first dead microbiologist was Dr. Benito Que, 52 years of age, an expert in infectious diseases and cellular biology at the Miami Medical School. Police originally suspected that he had been beaten in a carjacking, but the corpse showed no indications of such a beating. Doctors then suggested that this microbiologist might have had a simple, straightforward stroke in the medical school's parking lot.

BIOTERRORISM

November 16, day: On this day occurred the 2d of the series of 16 mysterious deaths of renowned microbiologists.

This dead microbiologist was Dr. Don Wiley, 57 years of age, one of the world's leading researchers into deadly viruses, including HIV and the Ebola virus. At the Howard Hughes Medical Institute at Harvard University he was an expert on the immune system's response to viral attacks. He was widely regarded as the nation's foremost expert in using special X-ray cameras and mathematical formulas to make high-resolution images of viruses. Dr. Wiley disappeared during a business trip to Memphis, Tennessee, just after purchasing tickets to take his son to Graceland on the following day. Police would discover his rental car on a bridge outside Memphis, and then his body would be pulled out of the Mississippi River. Investigators would suggest that maybe he got dizzy and fell into the river.

BIOTERRORISM

November 21, day: On this day occurred the 3d of the series of 16 mysterious deaths of renowned microbiologists.

This dead microbiologist was high-profile Russian defector Dr. Vladimir Pasechnik, 64 years of age, who apparently died of a stroke. Pasechnik had defected to Britain in 1989 after heading a Russian lab of 400 with an unlimited budget and the best staff available in the development of the Russian biowarfare capability. He told the Brits that he had succeeded in producing an aerosolized plague microbe that could survive outside the laboratory. He was connected to Britain's spy agency and recently had started his own company. In the last few weeks of his life, in the light of the threat from bioterrorism, he had put his research on [anthrax](#) at the disposal of the British Government.

BIOTERRORISM

November 24, day: On this day occurred the 4th, 5th, and 6th of the series of 16 mysterious deaths of renowned microbiologists. These three dead microbiologists were Dr. Yaakov Matzner, 54 years of age, dean of the Hebrew University school of medicine, Amiramp Eldor, 59 years of age, head of the haematology department at Ichilov Hospital in Tel Aviv and a world-recognized expert in blood clotting, and Avishai Berkman, 50 years of age, director of the Tel Aviv public health department and businessman, who were on a Swissair flight out of Berlin that crashed during its landing approach at Zurich. In total 22 were killed and there were 9 survivors.

BIOTERRORISM



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

GO TO MASTER INDEX OF WARFARE

November 30, day: A report suggested that the strain of [anthrax](#) used in the attacks most likely had originated from Fort Detrick, Maryland (USAMRIID). This was a strain that Fort Detrick had provided to Battelle Memorial Institute of Columbus, Ohio, to the University of New Mexico Health Sciences Center of Albuquerque, New Mexico, to the Defense Research Establishment of Suffield in Canada, to the US Army Dugway Proving Ground in Utah, and to the Chemical Defense Establishment at Porton Down in Britain. These labs had in turn forwarded it to seven more labs for a total of one dozen. Only five labs of these 12 labs had, however, received it in the virulent form, and some of these five might well have received strains that were too old to have created the matter that had been used in the recent domestic postal attacks.

BIOTERRORISM

December 10, Monday: On this day occurred the 7th of the series of 16 mysterious deaths of renowned microbiologists. This dead microbiologist was Dr. Robert Schwartz, 57 years of age, who worked at Virginia's Center for Innovative Technology on DNA sequencing and pathogenic microorganisms. He was stabbed and slashed with what police believe was a sword in his farmhouse in Leesberg, Virginia. His daughter, who identifies herself as a pagan high priestess, and three of her fellow pagans were charged. All were part of what they called a coven, and interested in magic, fantasy, and self-mutilation. The police could think of no reason why they would have wanted to kill Schwartz, who was a single parent and was said to be very close to his children.

December 13, Thursday: The US Army responded to an investigation being conducted by journalists, confirming what they had come to suspect: that in recent years, in violation of international treaty, we have been making weapons-grade anthrax. Although the US offensive biological weapons program had supposedly been shut down by President Nixon in 1969, when the US had signed a biological weapons treaty, in 1998, scientists at the Army's Dugway Proving Ground in Utah weaponized anthrax by turning quantities of wet anthrax into a vastly more deadly powder form. This weaponized anthrax appeared to be very similar or identical to the anthrax used in the recent domestic postal attacks. (The US Army insisted, however, in its own defense, that they had weaponized only "small quantities" of this biological warfare material, and only "for test purposes.")

December 14, Friday: On this day occurred the 8th of the series of 16 mysterious deaths of renowned microbiologists. This dead microbiologist was Nguyen Van Set, 44 years of age, who expired in an airlock filled with nitrogen in his lab in Geelong, [Australia](#). The lab had just been written up in the journal [Nature](#) for its work in genetic manipulation and DNA sequencing. Scientists there had created a virulent form of mousepox. According to [Nature](#), they realized that if similar genetic manipulation was carried out on smallpox, an unstoppable killer could be unleashed.

December 21, Friday: Per the [Washington Post](#), FBI sources indicated that they were investigating whether the motivation behind the domestic anthrax attacks might have been the potential profits to be realized from the sale of anthrax medications or from contracts for bio-cleanup work. The name of Battelle, a company doing anthrax work for the CIA, was mentioned. The same day, the FBI announced that contrary to national broadcast news reports, it was not investigating a former Battelle scientist in relation to an anthrax scare. According to the Columbus [Dispatch](#), FBI Director Mueller told a US Senator that no one with or formerly with Battelle was being suspected.

GO TO MASTER INDEX OF WARFARE

2002

January: Steven Hatfill, who would later emerge as a suspect in the domestic [anthrax](#) attacks, was for the first time interviewed by FBI investigators. As part of a wide-ranging FBI review of the scientific community, he was subjected to a lie-detector test. According to a report in the Washington Post on August 11, 2002, Hatfill was told he gave satisfactory answers on the test. (The FBI would return in March for a two-hour interview.)

BIOTERRORISM

During this month occurred the ninth and tenth of the series of sixteen mysterious deaths of renowned microbiologists. This dead microbiologists were Ivan Glebov and Alexi Brushlinski. Pravda would report on February 9, 2002 that Glebov died as the result of a bandit attack, and would report without elaboration that Brushlinski had been killed in Moscow. Both microbiologists had been internationally known members of the Russian Academy of Science.

White House counsel Alberto Gonzales sent a memo to President George W. Bush advising him to declare that none of the Geneva Convention safeguards applied to Taliban and Al Qaeda operatives taken prisoner. Citing the War Crimes Act of 1996 which prohibited Americans from committing “grave breaches” of the Geneva Conventions, Gonzales warned without the protection of such a declared exemption the sitting president that even top US officials such as himself might be susceptible to prosecution for war crimes. President Bush and Vice President Dick Cheney met with Senate Majority Leader Tom Daschle and asked him, in personal conversation, to limit congressional investigation into the events of September 11th (18 months later, 9/11 family members would be attempting to inform the American public that the White House was continually thwarting every effort they had been making to come to an understanding of how were so dreadfully unprepared for the 9/11 terror attacks).

January 20, Sunday: Evidence was presented in the Hartford, Connecticut Courant that Lieutenant Colonel Philip Zack, a scientist at the nation’s most classified [anthrax](#) research center, USAMRIID at Fort Detrick, Maryland, had a history of suspicious behavior. Zack, who is Jewish, had been terminated for unprofessional behavior centering on numerous hateful attacks on his colleague Dr. Ayaad Assaad, a Muslim who had been born in [Egypt](#) and had been employed as an anthrax researcher there. Security cameras showed Zack coming into the secure lab at night on occasion without permission subsequent to his termination. There was a history of missing viruses, including anthrax and Ebola, that seemed connected to such incidents. A former lab technician who worked with some of the anthrax later reported missing said all he ever handled was the Ames strain. (It had been Dr. Assaad who had received a letter just prior to the anthrax attacks in October, that had seemed to constitute an attempt to frame him.)

BIOTERRORISM



BIOCHEMICAL WARFARE

BIOCHEMICAL WARFARE

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January 26, Saturday: Clifford Baxter, 43, who had resigned as Enron vice chairman in the previous year, was found to have committed suicide on the previous day by shooting himself in the head in his Mercedes, as congressional hearings on his company's accounting practices began.

Salon exposed some details of the FBI's domestic [anthrax](#) investigation. The FBI appeared to be casting a very wide net, approaching for instance all 40,000 members of the American Society of Microbiologists and distributing flyers throughout New Jersey asking for anyone who had information to come forward. Yet all the evidence suggested that the anthrax strain could have been made only at Fort Detrick's USAMRIID in Maryland or at the US Army's Dugway Proving Ground in Utah. Meanwhile, the FBI has not yet subpoenaed employee records of the few labs that possessed the strain of anthrax used in the attacks. Numerous anthrax experts expressed their puzzlement at such an investigation. Barbara Hatch Rosenberg, a biological arms control expert, was of the opinion that the FBI was for political reasons dragging its heels. In her opinion the FBI already knew who had mailed the anthrax letters, but was doing nothing because he had been involved in experiments which the US federal government could not afford to disclose.

BIOTERRORISM

February 9: On this day occurred the eleventh of the series of sixteen mysterious deaths of renowned microbiologists. This dead microbiologist was Victor Korshunov, 56 years of age, whose head was bashed at the entrance of his home in Moscow. He had led the microbiology sub-faculty at the Russian State Medical University and was an expert in intestinal bacteria.

BIOTERRORISM

February 11: On this day occurred the twelfth of the series of sixteen mysterious deaths of renowned microbiologists. This dead microbiologist was Dr. Ian Langford, 40 years of age, whose partially naked corpse was found wedged under a chair in his home in Norwich, England. The home was described as blood-spattered and had apparently been ransacked. He had been an expert in environmental risks and disease and a senior Fellow at the University of East Anglia's Centre for Social and Economic Research on the Global Environment.

BIOTERRORISM

February 28: On this day occurred the thirteenth and fourteenth of the series of sixteen mysterious deaths of renowned microbiologists. According to the San Jose [Mercury News](#), while taking delivery of a pizza in San Francisco, Tanya Holzmayer, 46 years of age, was shot and killed by a colleague, Guyang Huang, 38 years of age, who then apparently shot himself. Holzmayer had moved to the US from Russia in 1989. Her research had focused on the part of the human molecular structure that could be affected best by medicine. Holzmayer was focusing on helping create new drugs that interfered with replication of the virus that causes AIDS. One year earlier, Holzmayer had obeyed senior management orders to terminate the employment of Huang.

BIOTERRORISM

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March: A full year before the start of the war in Iraq, former UN official Denis Halliday was already asserting that “Saddam Hussein is not a threat to the US” and that “the whole weapons inspection issue is really just a ruse” (when Scott Ritter would later make similar claims, he would be accused of “drinking Saddam Hussein’s Kool-Aid”).

Steven Hatfill, who would later emerge as a suspect in the domestic [anthrax](#) attacks, was again approached by FBI investigators. This second contact was a two-hour interview.

BIOTERRORISM

Early March: William Patrick, the specialist who had devised the US [anthrax](#) weaponization process, was interviewed by the FBI in relation to the domestic anthrax attacks. He expressed his surprise that the FBI hadn’t interviewed him earlier. According to the Baltimore [Sun](#) for June 27, 2002, after he passed their lie detector test the FBI would invite him to join their inner circle of technical advisers to the anthrax investigation. (It would later be noted that many of the experts the FBI turned to for help had been also, almost categorically, potential suspects. That had put FBI agents in the uncomfortable position of having to subject their scientist-consultants to polygraph tests, and then, afterward, to ask those same experts to help analyze evidence.)

BIOTERRORISM

March 22, Friday: According to the New York [Times](#), British officials claimed to have found an al-Qaeda biological weapons lab near Kandahar, [Afghanistan](#). The lab was incomplete and offered no indication that al-Qaeda had been able to produce biological agents. Soon afterward, however, the US would deny even the existence of any such lab, and the British government would be accused of having concocted this story in order to justify their having sent British soldiers into this part of Afghanistan.

BIOTERRORISM

March 23, Saturday: Although there was a new report that one of the 9/11 hijackers, Ahmed Alhaznawi, may have had an [anthrax](#) sore on his leg months before 9/11, in June 2001, an FBI spokesman responded that such a possibility had been thoroughly examined and dismissed. Although Alhaznawi had indeed gone to a hospital in Fort Lauderdale, Florida with some sort of nasty leg lesion, no swab test had found any anthrax spores anywhere near where any of the hijackers were known to have been.

BIOTERRORISM

March 24, Sunday: On this day occurred the fifteenth of the series of sixteen mysterious deaths of renowned microbiologists. This dead microbiologist was David Wynn-Williams, 55 years of age, who was hit by a car while jogging near his home in Cambridge, England. He had been an astrobiologist with the Antarctic Astrobiology Project and the NASA Ames Research Center. He was studying the capability of microbes to adapt to environmental extremes, including the bombardment of ultraviolet rays and global warming.

BIOTERRORISM

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March 25, Monday: On this day occurred what is hopefully the last, the sixteenth, of the series of mysterious deaths of renowned microbiologists. This microbiologist was Steven Mostow, dying at 63 years of age when the airplane he was piloting crashed near Denver, Colorado. Three others died in the crash. He had worked at the Colorado Health Sciences Centre and was known as Dr. Flu for his expertise in treating influenza. He had been one of the country's leading infectious disease experts and was associate dean at the University of Colorado Health Sciences Center.

BIOTERRORISM

April 4, day: Dr. David Franz, a former commander of USAMRIID at Fort Detrick, Maryland, commented on the [anthrax](#) attacks: "I think a lot of good has come from it. From a biological or a medical standpoint, we've now five people who have died, but we've put about \$6,000,000,000 in our budget into defending against bioterrorism." Although there was evidence in plenty that the anthrax that had been used in the domestic attack had come from USAMRIID, investigators indicated that they had no suspects at all. They also indicated that they had come up against some closely held military secrets which had been slowing their investigation. Federal investigators informed ABC News that military and intelligence agencies were withholding a full listing of all facilities and all employees dealing with top-secret anthrax programs, where important leads might turn up.

BIOTERRORISM

May 2, Thursday: The [New Scientist](#) reported that after extensive testing, the DNA sequence of the [anthrax](#) sent through the US mail in 2001 had been deciphered, and that everyone's suspicion that the bacterium originated at Fort Detrick, Maryland (USAMRIID) had been confirmed. Analysis of genetic drift had determined that the attacker's anthrax had not been separate from the source population of anthrax at USAMRIID for more than a few generations. This new evidence suggested that the USAMRIID materials, or USAMRIID samples recently provided either to the Dugway Proving Grounds in Utah or to Porton Downs in Britain, were the most likely sources of the weaponized anthrax used in the attacks.

BIOTERRORISM

May 4, Saturday: The [New York Times](#) reported of Steven Hatfill, without naming him, that his [anthrax](#) vaccinations were up-to-date and that he unquestionably had the ability to do a first-rate job of weaponizing anthrax. (Later, there would be contesting assertions, in the [Washington Post](#) for August 11, 2002, that in fact Hatfill had not had anthrax vaccinations for several years. It would also become clear that Hatfill has alibis for the timeframes during which the anthrax letters had been posted.)

BIOTERRORISM

May 21, Tuesday: The [Guardian](#) suspected that the [FBI](#) investigation of the domestic [anthrax](#) case must be deliberately being slowed because US federal authorities have something to hide. The journal suggested that surely we had passed the point at which incompetence was an sufficient explanation for our failure to capture the culprit.

BIOTERRORISM

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May 24, Friday: A New York Times editorial said it was time to light a fire under the FBI in its investigation of the domestic anthrax case. Experts in the bioterror field were buzzing among themselves, about a handful of individuals who had the ability, access, and motive to send the anthrax.

BIOTERRORISM

June 1, Saturday: Memphis, Tennessee medical examiner O.C. Smith was attacked with chemical spray, bound with barbed wire, and left lying in a parking lot with a bomb tied to his body. It would be several hours before he was rescued. According to the Associated Press on June 4, 2002, Smith had been, in recent months, working on two interesting cases. One of these cases had been the strange death of Harvard University microbiologist Don Wiley, who supposedly had gotten dizzy and fallen from a Memphis bridge into the Mississippi River. The other had been helping to identify the body of Katherine Smith, a state driver's license examiner who had been found burned beyond recognition during February 2002, a day before a hearing on federal charges that she had assisted five Middle Eastern men to obtain fake driver's licenses. Adding to this mystery, Smith had early in 2001 received a series of death threat letters.

BIOTERRORISM

July 21: In an article titled "Anthrax: the Noose Widens," TIME Magazine reported that "Despite recent claims by some in the bioterrorism community that the investigation should be homing in on one particular American bioweapons expert, the FBI appears to be moving in the opposite direction. US government officials say the investigation is still ranging far and wide and that the FBI has not ruled out a foreign connection."

BIOTERRORISM

August 1, Thursday: The FBI named Steven Hatfill as a person of interest in the anthrax attacks, the first person to be so named. FBI agents were seen investigating his trash and conducting an additional search of his house. On the same day, according to the Washington Times for August 3, 2002, Barbara Hatch Rosenberg, an anthrax specialist who had publicly criticized the investigation, was interviewed by FBI agents and asked whether a group of government scientists might be trying to frame Hatfill. The US Department of Justice notified Louisiana State University's biomedical research and training center by email that they were to immediately cease and desist from employing researcher Steven Hatfill on department-funded programs.

BIOTERRORISM

August 2, Friday: Louisiana State University's biomedical research and training center had received an email from the US Department of Justice instructing them to immediately cease and desist from employing researcher Steven Hatfill on department-funded programs. Hatfill was therefore placed on administrative leave. (According to the Weekly Standard for September 16, 2002, the center was relying on funding from the Justice Department for 97% of its funding.)

BIOTERRORISM

GO TO MASTER INDEX OF WARFARE

August 4, Sunday: Louisiana State University's biomedical research and training center had received an email from the US Department of Justice instructing them to immediately cease and desist from employing researcher Steven Hatfill on department-funded programs. Hatfill had been immediately placed on administrative leave, and on this day his employment was terminated. (According to the Weekly Standard for September 16, 2002, the center was relying on funding from the Justice Department for 97% of its funding.)

Newsweek published a lengthy article that, although it purported to describe the entire anthrax investigation, focused entirely on Hatfill without mentioning others such as Philip Zack. The Washington Post published an account similarly focusing on Hatfill only, in which the newspaper asserted quite falsely that the US biowarfare program had been shut down decades ago.

BIOTERRORISM

August 5, Monday: Louisiana State University's biomedical research and training center had received an email from the US Department of Justice instructing them to immediately cease and desist from employing researcher Steven Hatfill on department-funded programs. Hatfill's employment had been terminated on the 4th, and on this day, according to the Associated Press, the employment of the person who had hired him was likewise terminated. (According to the Weekly Standard for September 16, 2002, the center was relying on funding from the Justice Department for 97% of its funding.)

BIOTERRORISM

August 8, Thursday: In the New York Times, on page D1, an article on outdoor shower stalls, "A Slightly Immodest Proposal," mentioned Henry Thoreau along the way of touting what it terms the pleasures of "reverse voyeurism" — this reverse voyeurism would be the naked showerer gazing out while showering, rather than anyone gazing in upon him or her:

Henry David Thoreau never had plumbing at his famous shack. But if he did, he surely would have built an outdoor shower placed so that he could gaze in reverie at the reflections on Walden Pond while rinsing off the sweat of his labors. But you don't have to be Thoreau to value the elemental pleasures of an alfresco soakdown. Standing naked in the open air as the sun glistens through a veil of water: to anyone who still relishes the simplicity of country life, that is the essence of summer.

No physical evidence had turned up by this point to connect anthrax suspect Steven Hatfill to the deadly anthrax mailings. The main reason he was considered a suspect, Newsweek had averred on August 4th, was that bloodhounds trained to recognize the scent of the anthrax envelopes had reacted strongly to his apartment, to his girlfriend's apartment, and to a Denny's in Louisiana at which he had eaten the day before the hounds arrived. When the dogs had merely been approaching Hatfill's apartment building complex, allegedly they had gone crazy. However, when the Baltimore Sun interviewed three veteran bloodhound handlers, all three were highly skeptical of the idea that a useful scent of the anthrax mailer might have persisted on the envelopes eleven months after they had been mailed, had rubbed against other letters, and had then been decontaminated to kill the anthrax. Also, the managers of all 12 Denny's in Louisiana expressed surprise at the idea that they might have been visited by federal agents with bloodhounds.

BIOTERRORISM

GO TO MASTER INDEX OF WARFARE

August 9, Friday: New details had begun to surface on Voice of America News about the past of [anthrax](#) suspect Steven Hatfill, in Africa. After leaving the US Army in late 1978, he had studied at the Godfrey Huggins School of Medicine in Zimbabwe, graduating in 1983. That had been just a few years subsequent to the world's largest outbreak of human anthrax, in what was then known as Southern Rhodesia. Between 1978 and 1980, more than 10,000 cases had been recorded and nearly 200 deaths had been reported. According to the New York [Times](#), researchers had characterized this anthrax outbreak as suspicious and some suspected that it might have been the result of deliberate action by white Rhodesian security forces in the waning days of what had been a long and brutal war with black liberation fighters. According to the Washington Post for August 11, 2002, Hatfill had claimed on a resume that he had been in the US Special Forces at the time, although the federal government claimed that he had dropped out of training. (It would later be reported that the information in these stories of his past had always traced back to one source, known as the Jewish Defense Organization, a breakaway faction of Meir Kahane's Jewish Defense League. On September 16, 2002 the [Weekly Standard](#) pointed out quite sensibly that the anthrax outbreak in question had taken place before Hatfill had arrived in Zimbabwe, and that by the time Hatfill had started studying and working in that country, the white racist regime had already been replaced by a black regime.

BIOTERRORISM

August 11, Sunday: [Anthrax](#) suspect Steven Hatfill defended himself in a public speech and Washington [Post](#) interview. He was being set up as the fall guy for the anthrax attacks. Although the New York [Times](#) had reported that his anthrax vaccinations were up-to-date, it seemed that actually he had not had anthrax vaccinations for several years. ABC TV reported that the FBI had concluded that suspect Steven Hatfill did not possess the "bench skills" to have himself weaponized the anthrax that had been used in the postal attack. His career has been destroyed, since he has twice lost jobs due to unsubstantiated allegations, despite the fact that he had alibis for the timeframes during which the anthrax letters had been posted. His lawyer charged the FBI with leaking documents to the press and conducting its searches of Hatfill's residence in an unnecessarily visible manner when a more discreet method might easily have been arranged.

The New York [Times](#) had an article on the mysterious deaths of numerous microbiologists, strongly supporting an inference that the entire series had been mere coincidence. (I personally agree that although at one time the coincidence had seemed worth investigating, in fact nothing whatever had been turned up.)

BIOTERRORISM

August 12, Monday: According to MSNBC, traces of [anthrax](#) were found in a post office box across the street from [Princeton University](#) in New Jersey. According to Fox News, the FBI was alleging that Steven Hatfill had received no more attention than any other person of interest in the investigation.

BIOTERRORISM

August 15, Thursday: According to the Associated Press, Steven Hatfill's photo was the only one being shown by the FBI to residents of the neighborhood near the post office box across the street from [Princeton University](#) in New Jersey in which traces of [anthrax](#) had been found.

BIOTERRORISM

GO TO MASTER INDEX OF WARFARE

August 16, Friday: According to the Weekly Standard, a law enforcement official acknowledged to the Los Angeles Times that the authorities simply did not have anybody that was real good as a possible anthrax-attack suspect, and that was the only reason why so much energy has gone into investigating Steven Hatfill.

BIOTERRORISM

August 18, Sunday: The Washington Post criticized the FBI for its treatment of Steven Hatfill. Each such slipshod case, the newspaper pointed out, whittled away at our collective liberties, at our self-respect, and at our confidence in the legal system. Wittingly or unwittingly, the Post alleged, reporters and government investigators may have been colluding in the creation of an appearance of a posse mentality that would discredit not only the authorities but also the Third Estate. An FBI forensic linguistics expert stated that whoever the anthrax mailer was, he was probably someone with high-ranking US military and intelligence connections. This expert said that he had identified two suspects who had both worked for the CIA, at Fort Detrick, Maryland (USAMRIID) and at other classified military operations. He expressed frustration about accessing evidence: "My two suspects both appear to have CIA connections. These two agencies, the CIA and the FBI, are sometimes seen as rivals. My anxiety is that the FBI agents assigned to this case are not getting full and complete cooperation from the US military, CIA and witnesses who might have information about this case." He also pointed out that the culprit seemed to have been attempting to implicate two former USAMRIID scientists who had left the laboratory under unhappy circumstances, by posting his anthrax envelopes from near their homes in New Jersey.

BIOTERRORISM

August 26, Monday: Anthrax suspect Steven Hatfill released photos that he claimed depicted how the FBI trashed his girlfriend's apartment. The photos evoked an uneasy sense of recognition among law enforcement experts, who had seen these kinds of strong armed tactics used by the FBI when it had a weak case and had become desperate for a conviction. Law enforcement sources confirmed that Hatfill had indeed passed the polygraph test that had been administered to him by the FBI during the previous autumn.

BIOTERRORISM

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Fall: There is, available now on the internet, an extraordinarily well-written student essay by Sarah Chivington-Buck at the University of New Mexico (her writing instructor, for the record, was Dawn Stracener). It is at .

THOREAU = CANDIDE?

She presents [Henry Thoreau](#) as a *Candide*, as imagined by [Voltaire](#).

Was it indeed [Marie Arouet de Voltaire](#) who taught Thoreau to live simply, tending his garden?

Despite the sad fact that the original Biological and Toxin Weapons Convention that the United States of America had signed on April 10, 1972 had had *no verification protocol whatever*, the administration of George W. Bush, the son, formally repudiated the verification protocol for the Biological and Toxin Weapons Convention.



Why would they do this? Was this just another occasion in which these people had their collective heads up their collective Texas asses—or was there something else going on **in addition** to their having as usual their heads up their collective asses?

GERM WARFARE



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September: The Bush administration began to ardently push for war with Iraq, with Bush's Chief of Staff Andrew Card explaining why they waited until September. "From a marketing point of view, you don't introduce new products in August." An "Office of Special Plans" had been created, at the Pentagon, that had come to constitute a kind of "shadow government" and was functioning as the President's main source of intelligence on Iraq.

Wubya, in 2000 during his campaign, had been telling the American electorate that he planned to be moderate in our foreign affairs. We all were fed the idea that the guy really wasn't all that interested in going out and killing a whole bunch of foreigners, not with our [germ bombs](#), not with our [poison gas](#), not with our [atomic bombs](#), and not even, or not very much, with our more conventional weaponry such as the new improved incendiary gels that had superceded the Korean-Police-Action-era "napalm" (we had in 2001 entirely purged our inventories of this obsolete form of the incendiary gel). In this month, however, he unveiled an entirely new National Security Strategy for the United States of America, which was based upon Dick Cheney's entirely immoderate and [self-privileging](#) defense draft of 1992. Getting past the blurb that this document promises, that we "will actively work to bring the hope of democracy, development, free markets, and free trade to every corner of the world," what it turned out to be about is our not hesitating to go it alone, our not hesitating to indulge in preemptive action, and our liberating ourselves not only from treaty obligations but even from the constraints of the United Nations. It is a straightforwardly righteous manifesto of [American Exceptionalism](#). It is "moral clarity." From now on it will be the United States of America that will be the sole judge of the legitimacy of its own preemptive strikes — and the sole judge of the legitimacy of anyone else's preemptive strikes as well. A new era has begun. WMDs, weapons of mass destruction, are only to be feared if they should fall into the hands of rogue states that "reject basic human values and hate the US and everything for which it stands." Our own WMDs are jes' fine thank you. Our selfless and benevolent policy of democratization is a mere mask for a reckless new policy of satellitization and clientelism. Oh, by the way, not to worry, we are going to prevent US nationals from ever having to appear before the International Criminal Court, no matter what sort of war crimes they may commit, so you can feel free to just go forth and do your duty. The scholar Pierre Hassner has termed this sort of attitude "Wilsonianism in boots" — but he's only a Frenchman and what would a Frenchman be prepared to understand? We will start out with "regime change" in Bagdad, and Iraq will become a model of democracy to be emulated by all Arab states. We are going to renew "the entire region from which it springs." Our moderation knows no bounds. Our self-righteousness is impeccable.



"To understand is not to forgive. It is only to understand. It is not an end but a beginning."

— [Rebecca West](#)



September 5: The New York [Times](#) reported that several senior law enforcement officials were expressing embarrassment over the incident in which the US Department of Justice had notified Louisiana State University's biomedical research and training center by email that they were to immediately cease and desist from employing researcher Steven Hatfill on department-funded programs, saying the domestic preparedness office had acted improperly. Mr. Hatfill, they pointed out, had not been charged with any wrongdoing and had not been identified as a suspect in the domestic [anthrax](#) mailings.

BIOTERRORISM

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September 10: For the third time the FBI searched Steven Hatfill's house for [anthrax](#) residue (Hatfill had moved out several weeks earlier).

BIOTERRORISM

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Fall: There is, available now on the internet, an extraordinarily well-written student essay by Sarah Chivington-Buck at the University of New Mexico (her writing instructor, for the record, was Dawn Stracener). It is at .

THOREAU = CANDIDE?

She presents [Henry Thoreau](#) as a *Candide*, as imagined by [Voltaire](#).

Was it indeed [Marie Arouet de Voltaire](#) who taught Thoreau to live simply, tending his garden?

Despite the sad fact that the original Biological and Toxin Weapons Convention that the United States of America had signed on April 10, 1972 had had *no verification protocol whatever*, the administration of George W. Bush, the son, formally repudiated the verification protocol for the Biological and Toxin Weapons Convention.



Why would they do this? Was this just another occasion in which these people had their collective heads up their collective Texas asses—or was there something else going on **in addition** to their having as usual their heads up their collective asses?

GERM WARFARE



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October 22, Tuesday: According to ABC News, investigators stated that they were building a growing circumstantial-evidence case against [anthrax](#) suspect Steven Hatfill. Supposedly, their secret weapon was bloodhounds tying scent extracted from anthrax letters to Hatfill's apartment.

BIOTERRORISM

At a fast breeder reactor near Kalpakkam, India almost 100 kilos of radioactive sodium leaked into a purification cabin, destroying a number of valves and operating systems.

October 28, Monday: The Washington [Post](#) reported that a significant number of scientists and biological warfare experts were skeptical about the presumption that the [anthrax](#) spores that had killed five people in the previous year had been weaponized and distributed by a single disgruntled American scientist, as theorized by the FBI. More than a dozen experts at this point suggested that the investigators reexamine the possibility of state-sponsored terrorism, or attempt to determine whether weaponized spores might have been stolen by the attacker from an existing –but secret– biodefense program, or might perhaps have been provided to the attacker by an accomplice. These experts suggested that weaponizing the bacterium in the manner in which this had been done would have required a team of experts, and millions of dollars. The article focused on the possibility that the culprit might be Iraq.

BIOTERRORISM

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BIOTERRORISM

December 12, Thursday-17, Tuesday: At least 15 FBI [anthrax](#) investigators conducted a 6-day search of Gambrill State Park outside Frederick, Maryland and of Frederick Municipal Forest about 4 miles northwest of Fort Detrick, Maryland (USAMRIID), the Army's principal biodefense lab. In addition to a ground search and excavation of some areas, teams of divers searched small lakes and ponds in the park. The search was based on a suspicion that former USAMRIID government scientist Steven Hatfill may have disposed of laboratory equipment in one of the ponds near his former Maryland home. The searchers of course came up empty-handed, as Hatfill would turn out to be perfectly innocent of any wrongdoing.

BIOTERRORISM

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2003

January 7, Tuesday: Early on, after a letter containing domestic [anthrax](#) spores had been mailed to Tom Brokaw at NBC News in New York, and after other letters with nearly identical handwriting, hate messages, and lethal spores had arrived at the offices of Democratic Senator Tom Daschle in [Washington DC](#) and at the American Media Corporation in Miami, I had inferred that the choice of targets had been curious. My personal suspicion became that this attack likely had come from some disaffected Gulf War veteran like [Timothy McVeigh](#), who was himself immune to the anthrax because he had been vaccinated against it, and whose intention it was to teach America a lesson it wouldn't soon forget about our need to be prepared to defend ourselves in a hostile world. I also was supposing at the same time, however, that it was possible that we would never be told, if this was indeed the case, because although it is illegal for our government to assassinate foreign heads of state, it is not illegal for it to order the assassination of its own citizens in the interest of national security and with prior permission as specified in a top-secret Presidential "Finding" order. Whoever did this would be identified and killed, I hypothesized, his death would be made to appear an accident, I hypothesized, and no public disclosure would ever be made. Of course, I may well have been fantasizing, because at that point I had had very little hard information to go on (this was before the anthrax in the letters had been identified to be the Ames strain, out of our own war labs).

The following article by a law professor at the University of Illinois, however, at this point surfaced on the Internet — and would appear to indicate that my initial suspicions in the absence of hard evidence may not have been all that far off:

BIOTERRORISM



Tuesday, 7 January 2003

FBI Knows Who Was Behind Anthrax Attacks Bio-Warfare and Terrorism

By Francis A. Boyle - Professor of Law at the University of Illinois, Urbana IL, author of FOUNDATIONS OF WORLD ORDER (Duke UP, 1999) and THE CRIMINALITY OF NUCLEAR DETERRENCE (Clarity Press, 2002)

During the Fall of 2001, we witnessed anthrax attacks on the United States government that were obviously designed to shut down the government at a very critical time immediately after September 11. It was during this time that Congress should have been in session, making decisions regarding oversight of the Executive Branch of government. This note will discuss some historical background for the law, policy and science of biological

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weapons here in the United States.

Early US Bio-War Program

The US has had, at least going back to World War II, an extremely aggressive offensive biological warfare program. In 1969, President Richard Nixon decided to discontinue this program (at least with regard to biological agents, which are used as weapons, as opposed to toxins, which were theoretically for researching methods of immunization and therapy). There were two reasons for discontinuing the weapons program: (1) it was counter-productive militarily, as biological weapons were very difficult to control, and (2) the US already had massive superiority in nuclear weapons. Biological weapons were seen as the poor mans atom bomb and Nixon wanted to get rid of them to prevent Third World nations from acquiring relatively inexpensive weapons of mass destruction.

In accordance with President Nixon's order, the total destruction of antipersonnel biological agents and munitions was completed by May of 1972.³⁴ It is believed, however, that the Central Intelligence Agency (CIA) continued to research biological weapons in spite of the President's order.

The US signed on to the Biological and Toxin Weapons Convention (BTWC) on 10 April 1972.³⁵ The BTWC entered into force on 26 March 1975. This convention prohibits the research, development and testing of biological weapons, agents and compounds. The convention has an exception for prophylactic and defensive purposes. There remained, however, a Chemical and Biological Warfare unit lurking in the Pentagon, starved for funds and wanting to come back to life.

The Reagan Administration

The administration of President [Ronald Reagan](#) came to power in 1980. The Reagan administration took the position that the US was going to exploit its superior technology with regard to all types of weapons. This also included the new technologies of gene splicing and genetic engineering. Massive amounts of money, hundreds of millions of dollars, were poured into researching and developing what were claimed to be defensive biological agents.

The way the Reagan administration did this was by investigating every exotic disease one could imagine for the purpose of developing vaccines. In this way, the US operated within the exceptions of the BTWC. Of course, the technology used to get the vaccine is

34. <http://www.gulfwarvets.com/biowar.htm>

35. <http://projects.sipri.se/cbw/docs/bwbtwcmainpage.html>

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exactly the same technology used to create the agent. In fact, the agent is usually created first in order to then produce the vaccine. After one creates the agent, one creates the vaccine and then a delivery device. The result is a biological weapon.

Much of the research for these biological weapons was being done at universities around the country. The tip-off in many of these government contracts is that they call for the development of an aerosol delivery device. This is important because most biological warfare agents are delivered through the air.

Meanwhile, the Reagan administration was cutting back funding for the National Science Foundation (NSF). The effect was that second- and third-rate scientists, who were no longer able to receive research funds from the NSF, were forced to turn to the Pentagon for funding.³⁶

Biological Weapons Anti-Terrorism Act of 1989

On September 13, 1985, the Council for Responsible Genetics (CRG) had a Congressional Briefing on Capitol Hill. I was asked to participate in this briefing and to explain what the Administration was doing and how dangerous the situation was. The US government was funding scientists to research biological warfare technology and it was going out all over the country, indeed, around the world.

I was then asked by the CRG to help draft legislation to deal with this problem, in particular the abuse of genetic engineering technology for biological warfare purposes. I worked in conjunction with the CRG scientists and the biotech industry. At that time, the biotech industry had no desire to get into developing biological warfare technology and the industry supported the proposed legislation. The result was the Biological Weapons Anti-Terrorism Act of 1989.³⁷

The Reagan administration fought the proposed legislation tooth and nail. They knew full well that the legislation was designed to stop what they were doing at the Pentagon. The Act makes it very clear that research, development or testing of biological warfare agents would be punished by life in prison.

While this fight was going on, the Reagan administration authorized at least 40 shipments of weapon-specific biological agents to Iraq from the American Type Culture Collection, which is a large scientific institute. The Collection cultures every known type of disease for scientific purposes. It was clear that the Reagan

36. The Council of Responsible Genetics responded to this by putting out a Pledge where the signers declared that they would not accept any money from the Pentagon for any reason.

37. <http://www.sunshineproject.org/publications/uscode.html>. See also: Francis Boyle, *The Future of International Law and American Foreign Policy*, 277-316 (1989).

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administration was shipping all of these materials to Iraq knowing full well that Iraq was going to develop biological weapons and use them against Iran.³⁸

The Bush, Sr. Administration

President George Bush, Sr. was elected in 1988. The question was whether we should continue to push for the legislation or abandon the project. The decision was made to go forward. To the credit of President Bush, Sr., the moment his administration came into power, all opposition to our legislation stopped. We were advised, however, that it would help on the Hill if we would repackage it as a piece of legislation designed to deal with biological weapons in the Third World, that there were crazies who were looking to develop biological weapons and our legislation was designed to deal with them. We agreed. The legislation was not changed, just the way in which it was presented. The Act was passed unanimously by both Houses of Congress and signed into law by President Bush.

Iraq

In the Fall of 1990, the US went to war with Iraq after the Iraqi invasion of Kuwait. President Bush, Sr., and then-Secretary of Defense Richard Cheney ordered all US military personnel to take experimental vaccines for anthrax and botulin. As was later revealed, the Reagan administration had shipped these biological agents to Iraq, and Iraq had weaponized them.

These experimental vaccines were given to over a half-million US soldiers. At least 50,000 of these soldiers later developed unexplained illnesses, generally referred to as Gulf War Syndrome. I personally believe that this syndrome is the result of these vaccines. They were experimental medical vaccines in violation of the Nuremberg Code on medical experimentation.³⁹

The Clinton Administration

In the last two years of the Clinton administration, the policy shifted back to the dual-use biological warfare work. Again, hundreds of millions of dollars were committed to research and develop every known exotic disease. The research was then turned over to the Pentagon, where it could be used to produce weapons. This is going on today.

Finally, the New York Times broke the story that the US government was violating the BTWC. The US was developing a resistant strain of anthrax with genetic engineering.

38. Iraq invaded Iran in 1980, shortly after the Iranian Revolution of 1979, in an attempt to take advantage of Iran's instability and gain territory.

39. <http://www.raven1.net/nurm.htm>

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The US had also developed super weapons-grade anthrax in quantities and strengths that have no legitimate defensive purpose. It is very clear that the US was back in the business of researching and developing biological agents. This is a clear violation of both the international BTWC and the domestic Biological Weapons Anti-Terrorism Act.

The Bush, Jr. Administration

That is why the Bush, Jr. administration repudiated the verification protocol for the BTWC. These negotiations had been underway for quite some time. The convention has no verification provisions.

In Fall 2002, all of a sudden, Bush, Jr. repudiated the whole thing and tried to kill it. Why? Because it is clear we are involved in this type of work, whether the Pentagon, the CIA, their contractors, or all of them.

Anthrax Attacks 2001

Finally we have the recent anthrax attacks in the United States. It was not clear what was going on until the New York Times published the details of the technology behind the Daschle letter. The technology behind this and following letters was very sophisticated. These anthrax samples had a trillion spores per gram. That is super weapons-grade.

There was also a special treatment to eliminate electrostatic charges so the spores would float in the air. One must have special equipment for this treatment. The only people who would have the capability to do this are individuals who are either currently employed by the Department of Defense or the CIA doing biological warfare work, or people who had been employed in that capacity. One would probably need access to one of the government's biological warfare labs and there are only a handful of these labs in the country.

The day I read the New York Times piece, I called a senior official in the FBI who handles terrorism and counter-terrorism. The FBI was coordinating its efforts with Fort Detrick, which is one of these few biological warfare labs. The obvious problem with this is that the person responsible for the anthrax attacks could very well be one of the personnel from Fort Detrick.

Soon thereafter, the FBI authorized the destruction of the anthrax culture collection at Ames, Iowa. It had been determined that the anthrax used in the attacks was an Ames-produced strain. The entire supply was destroyed. This was obviously a cover-up. If you had access to that supply, then you could do a genetic reconstruction of where the anthrax used in the attacks

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originated.

I believe that the FBI knows exactly who was behind these attacks and that they have concluded that the perpetrator was someone who was or is involved in illegal and criminal biological warfare research conducted by the US government (the Pentagon or the CIA) or by one of the governments civilian contractors. For that reason, the FBI is not going to apprehend and indict the perpetrator. To do so would directly implicate the government in conducting biological warfare research. So this is where we are today. The FBI says that they are working on it, but of course, that is ridiculous.

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2005

June 23, Thursday: Disney/ABC had recently refused to distribute Michael Moore's new film "Fahrenheit 9/11," on grounds that someone might be offended. On this day, however, they allowed their popular radio personality Paul Harvey to express our American family values in the following entirely inoffensive manner:



"For what it's worth, after the attack on Pearl Harbor, [Winston Churchill](#) told the American people, "We didn't come this far because we are made of sugar candy," and that reminder was taken seriously. We proceeded to develop and deliver the time bomb, the bomb. Even though roughly 150,000 men women and children perished in Hiroshima and Nagasaki, with a single blow [WWII](#) was over. Following New York's September 11 Pearl Harbor [Winston Churchill](#) was not here to remind us. That we didn't come this far because we're made of sugar candy.



So, we mustered our humanity. We gave old pals a pass. Even though men and women from Saudi Arabia were largely responsible for the devastation of New York, and Pennsylvania and our Pentagon, we called Saudi Arabians our partners against terrorism and we sent men with rifles into Afghanistan and Iraq, and kept our best weapons in their silos. Even now, we stand there dying. Daring to do nothing decisive because we've declared ourselves to be better than our terrorist enemies. More moral, more civilized. Our image is at stake, we insist. But we didn't come this far because we're made of sugar candy. Once upon a time, we elbowed our way onto and across this continent by [giving smallpox-infected blankets to Native Americans](#). That was [biological warfare](#). And we used every other weapon we could get our hands on to grab this land from whomever. And we grew prosperous. And yes, we greased the skids with the sweat of slaves. So it goes with most great nation-states, which -feeling guilty about their savage pasts- eventually civilize themselves out of business and wind up invaded and ultimately dominated by the lean, hungry up-and-coming who are not made of sugar candy.

- Disney/ABC radio personality Paul Harvey,
expressing family values on June 23, 2005

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"It's all now you see. Yesterday won't be over until tomorrow and tomorrow began ten thousand years ago."

- Remark by character "Garin Stevens"
in William Faulkner's INTRUDER IN THE DUST



Prepared: December 8, 2017

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ARRGH AUTOMATED RESearch REPORT

GENERATION HOTLINE



This stuff presumably looks to you as if it were generated by a human. Such is not the case. Instead, someone has requested that we pull it out of the hat of a pirate who has grown out of the shoulder of our pet parrot "Laura" (as above). What these chronological lists are: they are research reports compiled by ARRGH algorithms out of a database of modules which we term the Kouroo Contexture (this is data mining). To respond to such a request for information we merely push a button.

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Commonly, the first output of the algorithm has obvious deficiencies and we need to go back into the modules stored in the contexture and do a minor amount of tweaking, and then we need to punch that button again and recompile the chronology – but there is nothing here that remotely resembles the ordinary “writerly” process you know and love. As the contents of this originating contexture improve, and as the programming improves, and as funding becomes available (to date no funding whatever has been needed in the creation of this facility, the entire operation being run out of pocket change) we expect a diminished need to do such tweaking and recompiling, and we fully expect to achieve a simulation of a generous and untiring robotic research librarian. Onward and upward in this brave new world.

First come first serve. There is no charge.
Place requests with <Kouroo@kouroo.info>. Arrgh.