	Case4:09-cv-00037-CW Document486 Filed10)/03/12 Page1 of 75
	GORDON P. ERSPAMER (CA SBN 83364)	
	GErspamer@mofo.com EUGENE ILLOVSKY (CA SBN 117892) EIllovsky@mofo.com STACEY M. SPRENKEL (CA SBN 241689) SSprenkel@mofo.com MORRISON & FOERSTER LLP 425 Market Street San Francisco, California 94105-2482 Telephone: 415.268.7000 Facsimile: 415.268.7522	
	Attorneys for Plaintiffs	
	Vietnam Veterans of America; Swords to Plowshares: Ve Rights Organization; Bruce Price; Franklin D. Rochelle; I	Larry
	Meirow; Eric P. Muth; David C. Dufrane; Kathryn McMi Forrest; Tim Michael Josephs; and William Blazinski	llan-
	UNITED STATES DISTRIC	
	NORTHERN DISTRICT OF C	
	OAKLAND DIVISI	UN
	VIETNAM VETERANS OF AMERICA, a Non-Profit Corporation; SWORDS TO PLOWSHARES:	Case No. CV 09-0037-CW
	VETERANS RIGHTS ORGANIZATION, a California Non-Profit Corporation; BRUCE PRICE; FRANKLIN	FOURTH AMENDED
	D. ROCHELLE; LARRY MEIROW; ERIC P. MUTH; DAVID C. DUFRANE; KATHRYN MCMILLAN-	COMPLAINT FOR DECLARATORY AND
	FORREST; TIM MICHAEL JOSEPHS; and WILLIAM BLAZINSKI, individually, on behalf of	INJUNCTIVE RELIEF UNDER UNITED STATES
	themselves and all others similarly situated,	CONSTITUTION AND FEDERAL STATUTES ANI
	Plaintiffs, v.	REGULATIONS
	CENTRAL INTELLIGENCE AGENCY; DAVID H.	(Class Action)
	PETRAEUS, Director of the Central Intelligence Agency; UNITED STATES DEPARTMENT OF	
	DEFENSE; LEON E. PANETTA, Secretary of Defense; UNITED STATES DEPARTMENT OF THE	
	ARMY; JOHN MCHUGH, United States Secretary of the Army; UNITED STATES OF AMERICA; ERIC H.	
	HOLDER, JR., Attorney General of the United States; UNITED STATES DEPARTMENT OF VETERANS	
	AFFAIRS; and ERIC K. SHINSEKI, UNITED STATES SECRETARY OF VETERANS AFFAIRS,	
	Defendants.	
-		

sf-3201531

1

2

3

I.

INTRODUCTION¹

"When we assumed the soldier, we did not lay aside the citizen." — George Washington.

A. The Plight of the "Volunteers"

1. This action chronicles a chilling tale of human experimentation, covert military 4 operations, and heretofore unchecked abuses of power by our own government. Ironically, one of 5 the main facilitating events for this debacle was action by a court. In 1950, during the height of 6 the Cold War, the U.S. Supreme Court issued its decision in Feres v. United States, 340 U.S. 135 7 (1950) (hereafter, "Feres"), which in effect ruled that the government is immune from damages 8 9 claims brought by Armed Forces personnel arising from DEFENDANTS' own torts. The Supreme Court's decision to absolve DEFENDANTS of legal responsibility for damages caused 10 by the tortious acts committed by the government upon our nation's military personnel quickly 11 led DEFENDANTS to undertake an expansive, multi-faceted program of secret experimentation 12 on human subjects, diverting our own troops from military assignments for use as test subjects. 13 In virtually all cases, troops served in the same capacity as laboratory rats or guinea pigs. 14 DEFENDANTS were able to capitalize on the inherently coercive relationship of a soldier's 15 commanding officers to their soldiers, as military orders can be enforced by a strong set of formal 16 and informal sanctions or punishment. 17 2. In 1942, the War Department — the present day Department of Defense 18 19 ("DOD") — authorized the first experiment on military personnel which used mustard gas, and various additional experiments were conducted during and following World War II. Beginning in 20 the early 1950s, the human experiment program was greatly expanded, as the Central Intelligence 21 Agency ("CIA") and United States Army planned, organized and executed an extensive series of 22

24

23

experiments involving potential chemical and biological weapons. The CIA also sponsored

¹ On January 19, 2010, the Court dismissed with prejudice the "organization Plaintiffs' claim for declaratory relief that the *Feres* doctrine is unconstitutional" and "Plaintiffs' claim for declaratory relief on the lawfulness of the testing program." (*See* Docket No. 59 at 19-20.)
Plaintiffs do not intend to reassert those dismissed claims as part of this pleading and do not expect Defendants to respond to or answer any claim that the Court has dismissed. Plaintiffs
reserve their appellate rights with respect to those dismissed claims.

²⁸

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page3 of 75

1	human drug experimentation by the Federal Bureau of Narcotics ("FBN"), now the Drug
2	Enforcement Administration ("DEA"). This vast program of human experimentation —
3	shrouded in secrecy — was centered at the Army's compounds at Edgewood Arsenal and Fort
4	Detrick, Maryland. The human experimentation was conducted without the informed consent of
5	its subjects and in direct contravention of applicable legal standards and principles of
6	international law. Representatives of DEFENDANTS had also, on many occasions, promised the
7	test participants ("volunteers") that they would receive medals for volunteering, as well as health
8	care, but they instead abandoned Plaintiffs and the other participants, hiding behind the insulating
9	walls of government bureaucracies and security classifications. Indeed, DEFENDANTS actively
10	concealed the existence of the human experimentation tests and the test results from the outside
11	world, and destroyed most of the documentation of the tests once their existence began to leak.
12	As a result, Plaintiffs and the other service personnel, many of whom are debilitated, have been
13	left to fight their demons alone for decades without health monitoring, follow-up, or medical
14	treatment from DEFENDANTS. Instead, DEFENDANTS' tactic and strategy have been to
15	ignore the victims and delay action with the expectation that their problems will disappear as the
16	victim population ages and dies.
17	3. DEFENDANTS' human experimentation program was far-ranging and had many
18	purposes, including by way of example the following:
19	a. To develop non-lethal but incapacitating agents that could be disseminated
20	by airplanes in all environments;
21	b. To explore what levels of various chemicals would produce casualties (the
22	so-called "man-break" tests);
23	c. To research techniques to impose control over the will of an individual,
24	including neuron-surgery, electric shock, drugs, and hypnosis;
25	d. To design and test septal electrodes that would enable DEFENDANTS
26	directly to control human behavior;
27	e. To produce a "knockout" pill that could surreptitiously be dropped into
28	drinks or added into food;
	FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

	Case4:09-cv-00037-CW Document486 Filed10/03/12 Page4 of 75
1	f. To develop a substance that could produce "pure euphoria" with no
2	subsequent let-down;
3	g. To derive an undetectable substance that would lower the ambition and
4	general working efficiency of humans;
5	h. To develop a substance that would cause mental confusion and make it
6	more difficult to fabricate answers under questioning;
7	i. To create a substance that would alter personality structure and induce
8	dependency on another person;
9	j. To develop a substance that would promote weakness or temporarily
10	compromise hearing or eyesight;
11	k. To perfect a substance that could be administered surreptitiously, which
12	would prevent someone from performing any physical activity;
13	1. To identify a substance that would promote illogical thinking or
14	impulsiveness;
15	m. To develop a substance that would increase, prevent or counteract the
16	intoxicating effects of alcohol;
17	n. To create materials that would facilitate the induction of hypnosis or
18	enhance its usefulness;
19	o. To identify substances that would enhance an individual's ability to
20	withstand torture, privation, interrogation or brain-washing;
21	p. To derive substances that would produce physical disablement, paralysis,
22	or acute anemia; and
23	q. To find a substance capable of producing extended periods of shock, mania
24	and stress, and confusion or amnesia.
25	In short, under this program of human experimentation, the roles of military doctors were
26	reversed from healing to purposely exposing their patients to harm in violation of their
27	Hippocratic oaths.
28	
	FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page5 of 75

1 4. In the early stages of DEFENDANTS' experimentation program at Edgewood 2 Arsenal, DEFENDANTS recruited armed services personnel from relatively close military 3 facilities such as Fort Knox, Kentucky, Fort Meade, Maryland, and Fort Monmouth, New Jersey. 4 By late 1956, however, DEFENDANTS' psychochemical compound experiments had begun and 5 DEFENDANTS were unable to procure enough "volunteers" from nearby military facilities. In 6 April 1957, the Department of the Army directed Army commanders to assist in the recruitment 7 of "volunteers" from military facilities from across the nation. (See Office of the Inspector 8 General and Auditor General, U.S. Dep't of Army, Use of Volunteers in Chemical Agent 9 Research, Report DAIG-IN 21-75 (1976) (hereinafter "1976 Army IG Report") at 68-70.) Each 10 of the commanders of the six armies was required to provide a minimum of thirty "volunteers" 11 per month on a rotating basis, with each commander responsible for providing "volunteers" for 12 two months each year. For example, the Sixth U.S. Army, headquartered at the Presidio in 13 San Francisco, California, was responsible for providing "volunteers" in the months of June and 14 December of each year. The Army commanders were directed to the June 30, 1953 15 Memorandum setting forth Army policy on the Use of Volunteers in Research (see 16 paragraph 125), were instructed that "the voluntary consent of the human subject is absolutely 17 essential," and were assured that all human test subjects would be "thoroughly informed about all 18 procedures, and what can be expected during each test." (See Memorandum from Army Office of 19 the Adjutant General to Commanding Generals ZI Armies, Subject: "Use of Volunteers in 20 Research" (Apr. 18, 1957).)

21 5. DEFENDANTS used at least 7,800 armed services personnel in the 22 experimentation program at the Edgewood Arsenal alone, the vast majority of which were troops 23 from the Army, although troops from the Air Force and Marines also were used. DEFENDANTS 24 used code names to refer to the substances administered to soldiers, and the true identities, doses, 25 and properties of at least 250, but as many as 400, chemical and biological agents administered to 26 soldiers at the Edgewood Arsenal, or to other "volunteers" under contract to the Edgewood 27 Arsenal, were not disclosed. For example, in 1970, DEFENDANTS provided Congress with an 28 alphabetical list showing that they had tested 145 drugs during Projects Bluebird, Artichoke, FOURTH AMENDED COMPLAINT 4 CASE NO. CV 09-0037-CW sf-3201531

1 MKULTRA and MKDELTA. Among the broader group of substances or agents tested were the 2 following:

- 3
- amphetamines;

4 anticholinesterase chemicals such as the "reversible" inhibitors physostigmine 5 (eserine), tacrine, and mylaxen; and more lethal nerve agents such as VX (Edgewood Arsenal 6 designation EA 1701) (a V-series agent developed in England in the early 1950s that is one of the 7 most deadly chemicals known to man) and sarin (military designation GB; EA 1208), tabun (GA; 8 EA 1205) and soman (GD; EA 1210) (G-series nerve agents, all of which were developed in 9 Germany in the 1930s and 1940s), and other lethal compounds such as cyanide;

10 • anticholinergic drugs such as atropine, scopolamine and nonlethal, though 11 potentially harmful, incapacitating agents such as BZ (EA 2277), CAR302,688, and other 12 glycolate compounds such as EA 3580;

13

14

barbiturates such as secobarbitol;

biochemicals such as thiols, hydrogenated quinolines, and indole alkaloids;

15 cholinesterase reactivators, such as the pralidoxime chloride (2-PAM or • 16 EA 2170) and its methyl methanesulfonate derivate P2S, toxogonin (EA 3475) and TMB-4 17 (EA 1814) (all of which are oximes);

- 18 • **irritants** such as chloropicrin (PS), the riot control agents brombenzyl cyanide 19 (CA), o-chlorobenzylidene malononitrile (CS or EA 1779), chloroacetophenone (CN or Mace), 20 nonanoyl morpholide (EA 1778) and disphenylaminochlorasine (DM, an arsenic, or Adamsite); 21 and vesicants (blister agents) such as mustard gas (H) and mustard agents, and Lewisite;
- 22

23

• narcotic antagonists such as N-Allil Murmorphine and other drugs to counteract the effects of morphine, methadone, and other narcotics;

- 24 • **nettle agents** such as phosgene, also known as dichloroformoxime or CX, a highly 25 toxic, irritating, and corrosive gas that was first used as a chemical weapon during World War I;
- 26

27

psychochemicals such as LSD and its analogues, phencyclidine (SNA or Sernyl, • also known as PCP) (commonly referred to using the code name "L-Fields" or "K-Agents"), THC

28 and synthetic analogs of cannabis (about 50 times the then street strength of marijuana) such as FOURTH AMENDED COMPLAINT 5 CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page7 of 75

dimethylheptylpran (DMHP or EA 1476) and its acetate form EA 2233; and mescaline and
 mescaline derivatives; and

3

• **tranquilizers** such as valium, trilafon, and thorazine.

4 6. DEFENDANTS videotaped many of the experiments involving "volunteers" at
5 Edgewood, as evidenced by releases signed by many of the "volunteers."

6

7

8

7. Varying doses of each substance were administered to the "volunteers," typically through multiple pathways, including through intravenous, inhalation, oral and percutaneous.Placebos were used in only some, but not all of the studies, in an effort to defray costs.

8. The experiments involving human subjects were one of the key beneficiaries of the
recruitment of over 1,500 scientists and technicians from Nazi Germany in "Project Paperclip,"
some of whom played a pivotal role in, *e.g.*, the testing of psychochemicals and development of a
new truth serum. Over half of these recruits had been members of the SS or Nazi Party. The
"Paperclip" name was chosen because so many of the employment applications were clipped to
immigration papers.

15 9. In addition to the human experimentation using military personnel that took place 16 at Edgewood Arsenal and Fort Detrick, DEFENDANTS also contracted with outside researchers 17 at hospitals, universities, consultants, and prisons to conduct additional human tests of chemical 18 and biological substances. The Army Inspector General reported that such contracts were an 19 "important and integral" part of DEFENDANTS' human experimentation program and typically 20 included provisions requiring the contractors to observe basic army policies for Use of Volunteers 21 in Research as set forth in the June 30, 1953 policy Memorandum described in paragraph 125 22 below. In 1975, the Commander at Edgewood Arsenal reported to the Army Inspector General 23 the results of a study designed to identify and quantify Army expenditures related to the 24 development of chemical incapacitating agents. That study identified numerous contracts from 25 1958 to 1965 between DEFENDANTS and outside research institutions, including multiple 26 contracts (for tens of thousands of dollars) with the University of California, the Regents of the 27 University of California, and with Stanford Research Institute, which was founded in 1946 by the 28 trustees of Stanford University in Palo Alto, California. In a follow up study completed in 1976, FOURTH AMENDED COMPLAINT 6 CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page8 of 75

1 the Comptroller at Edgewood Arsenal identified additional contracts worth more than \$2 million 2 with Stanford Research Institute between 1964 and 1968 related to DEFENDANTS' 3 experimentation program. (See 1976 Army IG Report, Chapter X "Contracts with Civilian 4 Institutions," Chapter XI "Incapacitating Agents Cost Review," & Section III "Contract Costs.") 5 10. DEFENDANTS obtained materials from major pharmaceutical companies, which 6 included drugs found to be commercially non-viable due to hazards and undesirable side effects 7 (the so-called "rejects"), such as phenylbenzeacetic acid or "brown acid." Other test substances 8 included amphetamines, anticholinergic drugs, including glycolate types of anticholinergic 9 compounds, dimethyltryptamine (a drug similar to LSD), glycolate compounds such as EA 3580 10 (the prefix "EA" indicating an Edgewood Arsenal substance), mescaline and mescaline 11 derivatives, oximes such as pralidoxime chloride, phosgene, secobarbitol, and many others. 12 These experiments also used civilian "volunteers" such as college students, who were paid small 13 sums to participate, or prisoners.

14 11. The doses of these chemicals administered to the service members were at times 15 several multiples above the known toxic threshold, causing excruciating pain, blackouts, memory 16 loss, hallucinations, flashbacks, trauma, psychotic disorders, and other lasting health problems. 17 Indeed, a 2007 study found that PTSD rates amongst veterans exposed to chemicals in research 18 projects were higher than those of combat veterans. In some instances, the "volunteers" suffered 19 grand mal seizures, epileptic seizures or acute paranoia. In at least a few instances, the victims 20 died. Initially, the research program was limited to "defensive" purposes such as the testing of 21 gas masks or development of antidotes, but it quickly was expanded to offensive uses with no 22 practical limits and blatant disregard of required procedures.

23

24

25

12. Not only did DEFENDANTS repeatedly violate principles of ethics and human decency, as established by international law and convention through, among other pronouncements, the Nuremberg Code and the Declaration of Helsinki, but they also violated their own regulations and the U.S. Constitution.

- 26
- 27

28

13. The expansive scope of DEFENDANTS' undertakings resulted in *ad hoc* leaks of bits of information about their nefarious activities. Eventually, Congress convened hearings in FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page9 of 75

1	1975 to 1977 in an attempt to shed some light on the top-secret Edgewood and other experiments.
2	During these hearings, the "pass the buck" strategy began. Admiral Stansfield Turner, the CIA
3	Director, promised to locate participants in the tests and compensate those whose conditions or
4	diseases were linked to their exposures during the programs of human experimentation. Turner
5	assured a joint Congressional Committee that the CIA was working with both the Attorney
6	General and the Secretary of Health, Education and Welfare "to determine whether it is
7	practicable to attempt to identify any of the persons to whom drugs may have been
8	administered unwittingly," and was "working to determine if there are adequate clues to lead to
9	their identification, and if so, how to go about fulfilling the Government's responsibilities in the
10	matter." (Project MKULTRA, The CIA's Program of Research in Behavioral Modification: Joint
11	Hearing Before the S. Select Comm. on Intelligence and the Subcomm. on Health and Scientific
12	Research of the S. Comm. on Human Resources, 95th Cong. (1977) at 8.) Thereafter, the
13	Attorney General assumed responsibility for the overall governmental effort to locate
14	"volunteers," with the other DEFENDANTS providing a supporting role. On January 10, 1979,
15	Director Turner passed off responsibility for finding and compensating the victims of certain MK-
16	related programs to the Department of the Army.
17	14. On July 17, 1978, in response to an opinion request from the CIA, the Department
18	of Justice issued a twenty-five page opinion (the "DOJ Opinion") that concluded:
19	[T]he CIA may well be held to have a legal duty to notify those
20	MKULTRA drug-testing subjects whose health the CIA has reason to believe may still be adversely affected by their prior
21	involvement in the MKULTRA drug-testing program [and] that an effort should thus be made to notify these subjects
22	(Emphasis added.) A true copy of the DOJ Opinion is attached as Exhibit A hereto, and
23	incorporated by this reference. (See Exh. A at A-006.) However, CIA General Counsel Anthony
24	Lapham reinterpreted the DOJ Opinion in a July 24, 1978 memorandum to CIA Director Turner,
25	which undermined the recommendations and conclusions in the DOJ Opinion. Turner approved
26	the recommendations in Lapham's memorandum on July 26, 1978.
27	15. DEFENDANTS' promise in the 1970s to locate the victims of their human
28	experimentation program, and to provide compensation and health care, proved to be hollow.
	FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page10 of 75

1 DEFENDANTS never made a sincere effort to locate the survivors. Rather, DEFENDANTS 2 quickly adopted a variety of artificial means to limit the number and scope of the population 3 entitled to notice, including eliminating "witting" participants (conveniently defined to include 4 anyone who had signed a general consent form); requiring that it first be established that the CIA 5 should bear "primary responsibility" for the conduct of the tests (taking advantage of the fact that 6 the CIA funded and controlled, but did not actually conduct most of the tests); eliminating tests of 7 substances that arguably did not qualify as "drugs," and eliminating drugs that at the time of the 8 test were considered "not likely to produce long-term aftereffects." On July 6, 2004, Admiral 9 Stansfield Turner confirmed in private correspondence that the CIA effort to locate the victims of 10 human experimentation did not yield any results other than confirming the death of one 11 individual. Yet, despite the CIA's repeated representations over multiple decades that they could 12 not find any living persons who participated in Edgewood experiments and others, the CIA had in 13 fact secretly obtained a "large data base" from Edgewood Arsenal in 1974, which contained the 14 names and personal information of all the "volunteers." Currently, at a point in time 35 years 15 later, the DOD claims to be still working to compile a registry of participants and does not expect 16 to complete work until 2011. "DoD plans to complete its active investigation of potential 17 exposures by 2011." (See http://fhp.osd.mil/CBexposures/.) 18 16. As a result, DEFENDANTS failed timely to locate or notify test subjects, and 19 refused to provide compensation or medical screening or treatment to those participants who 20 contacted DEFENDANTS. 21 17. On or about January 25, 1990, DEFENDANT United States Department of the 22 Army issued updated regulations formally acknowledging its "Duty to Warn" research subject 23 volunteers. Those regulations provide: 24 *Duty to warn.* Commanders have an obligation to ensure that research volunteers are adequately informed concerning the risks involved with 25 their participation in research, and to provide them with any newly acquired information that may affect their well-being when that 26 information becomes available. The duty to warn exists even after the individual volunteer has completed his or her participation in research. 27 28 FOURTH AMENDED COMPLAINT 9

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page11 of 75

See Army Regulation 70-25, Use of Volunteers as Subjects of Research, Chapter 3-2(h) (Jan. 25,
 1990) (emphasis added). DEFENDANTS' failure to timely locate or notify test subjects about
 information that has come into DEFENDANTS' possession concerning the human
 experimentation program flies in the face of this clear mandate.

5

5 18. Congressional efforts to locate the "volunteers" and to require medical follow-up 6 achieved only limited success. In 2005, two United States Congressmen acquired and sent a list 7 of "volunteers" to the Department of Veterans Affairs ("VA") to facilitate delivery of the much-8 needed, and long-denied, follow-up care. Although the VA offered follow-up medical 9 *examinations* to some, ongoing medical *care* was not provided. DEFENDANTS' failure and 10 refusal to fulfill their promise and duty to provide the "volunteers" with the information and 11 health care that many of them so desperately need continued.

12 19. Beginning at a time unknown to Plaintiffs, DEFENDANTS began to give some of 13 the "volunteers" access to portions of their available Edgewood files, although the records were 14 not available, incomplete, or heavily redacted in many cases. In addition to the redaction of entire 15 paragraphs or pages, DEFENDANTS redacted the names of virtually all the perpetrators from 16 documents prior to release. Some participants learned for the first time that they had been 17 exposed to chemical agents, including hallucinogenic and psychotropic drugs. These files 18 provided the first hints regarding a possible relationship between patients' ailments and the 19 chemical and biological exposures from Edgewood Arsenal. Other "volunteers" have never been 20 notified at all.

21 20. Plaintiffs have repeatedly petitioned Congress and DEFENDANTS to honor the 22 promises made to them, but DEFENDANTS have done nothing and have renounced any duty to 23 Plaintiffs, thereby depriving Plaintiffs of their lives and health, their property, and their honor. 24 Although wary of government retaliation, and believing that their health has been compromised 25 by DEFENDANTS' actions, Plaintiffs, all of whom were victims of the Edgewood tests, have 26 now come forward to challenge DEFENDANTS for needlessly exposing them to known toxins 27 and failing to fulfill their obligations and promises to make amends. Plaintiffs ask the Court to 28 use its equitable powers to check flagrant abuses of government power, and seek to avail FOURTH AMENDED COMPLAINT 10 CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page12 of 75

themselves of the Court's truth-seeking function so that they can finally discover and expose the
 embarrassing and painful history of America's human experimentation on its own. This is their
 story.

4

B. Summary of Action

5 21. This is a lawsuit for declaratory and injunctive relief in which Plaintiffs seek the
6 following equitable relief:

7 A declaration that any consent forms signed by Plaintiffs and members of a. 8 the class are not valid or enforceable; that Plaintiffs and the class members are released from any 9 further obligations under their secrecy oaths; that DEFENDANTS are obligated to notify 10 Plaintiffs and class members of all available information concerning the nature of the substances, 11 experimental procedures used, doses, health effects, and other available information; that 12 DEFENDANTS have violated the rights of Plaintiffs under the due process clause of the Fifth 13 Amendment; that DEFENDANTS' human testing program violated the applicable government 14 directives; and other declaratory relief, as prayed for below; and

b. Injunctive relief enjoining DEFENDANTS, and anyone in concert with
them, from failing and refusing promptly to notify and provide medical care to Plaintiffs and class
members, and various other forms of injunctive relief, as prayed for below.

18

C.

Jurisdiction and Venue

19 22. The Court has jurisdiction over the subject matter of this action pursuant to 20 28 U.S.C. § 1331, and 5 U.S.C. § 702. The action arises out of the Constitution of the United 21 States, and Plaintiffs seek to redress violations of the First and Fifth Amendments to the United 22 States Constitution and other constitutional provisions recited herein. Plaintiffs also seek a 23 declaratory judgment pursuant to 28 U.S.C. § 2201, and seek to compel agency action unlawfully 24 withheld or unreasonably delayed pursuant to 5 U.S.C. § 706. 25 23. Venue is proper under 28 U.S.C. §§ 1402(a) and 1391(e), based on plaintiff 26 Swords to Plowshares: Veterans Rights Organization's presence in this District, and because a substantial part of the relevant events giving rise to Plaintiffs' claims took place in this District, as 27

28 alleged herein, including in paragraphs 4, 9, 105-107, 111, 112, 137(e), 148, 154, and 168.

1	Plaintiffs believe that discovery will confirm that additional relevant events or omissions giving
2	rise to Plaintiffs' claims took place in this District as well.
3	D. The Organizational Plaintiffs
4	24. Plaintiff VIETNAM VETERANS OF AMERICA ("VVA"), founded in 1978, is a
5	national non-profit organization primarily dedicated to the interests of Vietnam era veterans and
6	their families. The VVA's founding principle is "Never again shall one generation of veterans
7	abandon another." VVA has over 50,000 members, 46 state councils and 630 local chapters.
8	VVA's principal goals are to promote veterans' access to quality health care, to insure that
9	veterans receive mandated compensation for diseases or conditions that they have incurred during
10	or as a result of military service, to support the next generation of America's veterans, including
11	Operation Iraqi Freedom and Operation Enduring Freedom ("OIF/OEF") veterans, and to hold
12	government agencies accountable for their legal, ethical, and moral obligations to its veterans.
13	25. The purposes of the VVA, its State Councils, and its Chapters are:
14	A. To help foster, encourage, and promote the improvement of the
15	condition of the Vietnam-era veteran.
16	B. To promote physical and cultural improvement, growth and development, self-respect, self-confidence, and usefulness of
17	Vietnam-era veterans and others.
18	C. To eliminate discrimination suffered by Vietnam-era veterans and to develop channels of communication which will assist
19	Vietnam-era veterans to maximize self-realization and enrichment of their lives and enhance life-fulfillment.
20	D. To study, on a non-partisan basis, proposed legislation, rules, or
21	regulations introduced in any Federal, State, or local legislative or administrative body which may affect the social, economic,
22	educational, or physical welfare of the Vietnam-era veteran or others; and to develop public policy proposals designed to improve
23	the quality of life of the Vietnam-era veteran and others, especially in the areas of employment, education, training, and health.
24	E. To conduct and publish research, on a non-partisan basis,
25	pertaining to the relationship between Vietnam-era veterans and the American society, the Vietnam War experience, the role of the
26	United States in securing peaceful co-existence for the world community, and other matters which affect the social, economic,
27	educational, or physical welfare of the Vietnam-era veteran or others.
28	
	FOURTH AMENDED COMPLAINT

F. To assist disabled and needy military veterans including, but not limited to, Vietnam-era veterans and their dependents, and the widows and orphans of deceased veterans.

26. Among VVA's members are former members of our armed services who
participated in DEFENDANTS' programs of human experimentation into drugs, chemicals, and
other substances, and have suffered or continue to suffer from the after-effects of such
experiments, as described in this Complaint, and have been barred from asserting or deterred
from asserting damages claims. Several of the Individual Plaintiffs are VVA members.

8

1

2

27. Plaintiff SWORDS TO PLOWSHARES: VETERANS RIGHTS

ORGANIZATION ("Swords" or "Swords to Plowshares"), is a California non-profit service 9 organization whose principal administrative office is in the South of Market District in 10 San Francisco. Swords also operates veterans housing projects at the Presidio and on Treasure 11 Island. Founded in 1974, Swords is a community-based, not-for-profit organization that provides 12 counseling and case management, employment and training, housing, and advocacy/legal 13 assistance to more than 1500 homeless and low-income veterans annually in the San Francisco 14 Bay Area and beyond. Swords promotes and protects the rights of veterans through advocacy, 15 public education, and partnerships with local, state, and national entities. For example, Swords' 16 Executive Director was appointed to the VA's Advisory Committee on Homeless Veterans in 17 2002, and Swords advocates for veterans by, among other things, providing assistance with VA 18 19 disability claims and discharge upgrades, and through legislative comments and analysis.

28. Swords' mission of service to veterans includes the sub-population of veterans 20 who served as guinea pigs in the testing of biological and chemical weapons. As a direct result of 21 DEFENDANTS' actions and failures to act in connection with their human testing programs as 22 alleged herein, Swords has diverted and devoted, and expects to continue to divert and devote, 23 already scarce resources to provide additional services to veterans harmed by DEFENDANTS' 24 actions and failures to act. For example, Swords provided referral services to a U.S. Army 25 Vietnam veteran who reported that while in the military he had been "used as a guinea-pig in 26 Canada for chemical warfare testing new gas masks." In addition, as part of its advocacy 27 program, Swords has provided initial counseling services during telephone counseling hours to 28 FOURTH AMENDED COMPLAINT 13 CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page15 of 75

multiple Vietnam-era veterans who were not willing to disclose information related to potential
VA claims due to perceived secrecy obligations. As of December 2009, Swords is providing
legal services to a U.S. Army veteran located in Hanford, California, who was a test subject in
DEFENDANTS' human experimentation program at Edgewood Arsenal. Swords believes that it
has in the past provided services to additional veterans who participated in DEFENDANTS'
chemical and biological weapons testing programs and Swords expects to continue providing
services to such veterans into the future.

8

9

E.

The Individual Plaintiffs

Bruce Price

29. Plaintiff BRUCE PRICE ("Bruce") joined the U.S. Army in May 1965. Bruce was
assigned to duty at Edgewood Arsenal for approximately two months in 1966 — from
February 27, 1966, to April 28, 1966. Before being assigned to Edgewood Arsenal, Bruce was
stationed at Ft. George G. Meade and that was where he returned until he was discharged in May
1967. Bruce was trained as a helicopter crew chief, and also had other assignments, such as a
door gunner.

16 30. Bruce first went through a battery of physical and mental evaluations at Edgewood 17 before being used as a test subject. Bruce and three other volunteers were taken into a room 18 where four doctors were present. Two of the doctors were dressed in civilian garb and two were 19 military doctors, including a colonel. The colonel, who seemed to be in charge, described the 20 program and in substance said: "We know you have heard rumors we use drugs here. Well I am 21 here to tell you that is true. We cannot tell you what they are. We do not know if the drugs will 22 have any harmful effects on you. But we have the finest medical facilities. Now, we can't force 23 you to take these drugs, but if you do not, you will be sent back to your home unit with a bad 24 recommendation and it will be put in your DD Form 201 file and follow you for the rest of your 25 life."

26 31. At some point, Bruce was asked to sign a general consent form that did not state
27 any information about the drugs to be given. When he started to read the forms, Bruce was

1 berated and told to hurry up and sign them. Bruce never received a Volunteer Booklet explaining 2 the details of the Edgewood assignment.

3 32. Bruce participated in several different experiments involving unknown substances. 4 Many decades later, he heard that some of the substances he was administered included BZ, LSD, 5 sarin, and ethanol. He is still not sure what he was given or in what doses. One of the drugs that 6 was administered to Bruce was given on a Monday, and Bruce did not begin to recover from the 7 drug's effect until Friday. He thought it was still Monday.

8 33. At one point, Bruce was ordered to visit a building with a chain link fence that 9 housed test animals, including dogs, cats, guinea pigs and monkeys. After reporting, Bruce was 10 strapped across his chest, his wrists, and his ankles to a gurney. Bruce occasionally would regain 11 consciousness for brief moments. On one such instance, he remembers being covered with a 12 great deal of blood, and assumed it was his own, but did not really know the source. Also portions of his arms and the backs of his hand were blue. His wrist and ankles were bruised and 13 14 sore at the points where he had been strapped to the gurney. Bruce believes that this is the time 15 period during which a septal implant was placed in his brain.

16 34. DEFENDANTS placed some sort of an implant in Bruce's right ethmoid sinus 17 near the frontal lobe of his brain. The implant appears on CT scans as a "foreign body" of 18 undetermined composition (perhaps plastic or some composite material) in Bruce's right ethmoid, 19 as confirmed in a radiology report dated June 30, 2004.

20 35. Upon leaving Edgewood Arsenal, Bruce was debriefed by government personnel. 21 Bruce was told to never talk about his experiences at Edgewood, and to forget about everything 22 that he ever did, said or heard at Edgewood.

23

36. Within days or weeks of returning to Ft. George G. Meade, Bruce began to have 24 trouble with his memory. For example, things as simple as filling out a maintenance report on his 25 chopper and how to spell certain words suddenly became troublesome.

26 37. After being discharged from the service with an honorable discharge, Bruce 27 returned home to rural Tennessee. Within a few days Bruce suddenly left for the mountains with

1 a gun with intentions of killing himself. Bruce's brother finally found him, and talked Bruce into 2 returning home.

3 38. Before Bruce revealed his experiences at Edgewood Arsenal, his family did not 4 know why he acted so strangely at certain times. Bruce finally told his wife about Edgewood, 5 and the fact that he would have flashbacks or visions where the road suddenly changed colors and 6 how he would get lost while trying to go to work. Bruce disclosed to his wife that he gets lost 7 easily, and did not remember places he had been to hundreds of times previously. Bruce's wife 8 suggested that he avoid being close to radio waves, and when he did so, his symptoms seemed to 9 improve. Bruce's wife also helped him to find out more about what was going on at Edgewood 10 Arsenal. A VA medical diagnostics test ruled out the possibility of Alzheimer's Disease and 11 dementia.

12

39. In addition to memory problems, Bruce also suffers from PTSD, and at times is 13 suicidal. He has experienced uncontrolled fits of anger and loss of control, as well as flashbacks. 14 Although Bruce worked intermittently after Edgewood Arsenal, his entire life has been ruined.

15 40. Bruce has been completely disabled for many years, and received social security 16 disability payments from the age of 62 until he turned 66 in June, 2009, when he qualified for full 17 social security benefits. Bruce has been rated by the VA as 100% service-connected for PTSD 18 related to his service at Edgewood since 2005. He depends on his wife for much of his day-to-19 day care, and his social security and VA compensation are his only means of financial support.

20 41. The account in this Complaint is pieced together from fragments of Bruce's own 21 recollection, things he has told his wife in the past, and the results of his wife's research, which 22 includes reviewing portions of Bruce's military records. To this day, Bruce continues to be 23 haunted by nightmares and dreams about the doctors and what they did to him at Edgewood.

24

Eric P. Muth

42. 25 Plaintiff ERIC P. MUTH ("Eric") was 17 years old when he enlisted in the United 26 States Army on September 15, 1957. He was based in Missouri after completing his training and 27 some service, and was promoted to Specialist Fourth Class. In 1959, he entered the Army

Reserves. In 1960, Eric joined the National Guard where he remained until 1969 as Staff
 Sergeant with top-secret clearance.

43. Early in his Army Career, Eric saw a notice on a bulletin board asking volunteers
to help the Army test protective equipment and to test riot gas. Eric signed up for the tour and in
May 1958 attended an orientation at Edgewood Arsenal. At this orientation, an officer spoke to
the enlisted soldiers, telling them that they would be testing military gear and riot gas. There was
no mention of any possible medical or health risks, and the soldiers were promised medical care
and either the Soldier's Medal or a special Congressional Medal, which was then under
consideration by Congress.

10 44. Following the orientation speech, the soldiers were given various forms to sign. 11 Included in these forms were a participation agreement and a security non-disclosure form. Eric 12 was warned that his Edgewood tour was top-secret and that he would be punished if he ever 13 discussed or disclosed any part of it to anyone. It is the mark of a good soldier to follow the 14 orders and instructions of officers without question or hesitation. Seventeen-year-old Eric, 15 wanting to show courage and to help his country, signed the forms without a second thought. 16 However, he never received a Volunteer Booklet that was supposed to be distributed to 17 participants.

18 45. The pre-experimentation physicals, x-rays, blood work, and psychological medical 19 tests run by the Army at the time indicated that Eric had heart problems, was paranoid and manic. 20 There were concerns about his mental condition and stability, making him an unsuitable 21 candidate for human experimentation according to DEFENDANTS' own guidelines. This, 22 however, did not stop the Army from enrolling Eric as a human guinea pig in its tests. (In fact, 23 Edgewood had no psychiatrist until 1961, when James S. Ketchum, M.D., assumed that position.) 24 46. Eric became Medical Volunteer Number 781. From May to June 1958, Eric was 25 exposed at least to seven different rounds of chemical agents. He would enter a chamber with 26 several other "volunteers" all of whom wore chemical masks — the equipment Eric believed he 27 was testing — and the chamber would suddenly fill with gas. The so-called "protective gear" was 28 always entirely inadequate, and Eric felt searing pain before losing consciousness. Eric and the FOURTH AMENDED COMPLAINT 17 CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page19 of 75

other soldiers were unaware that the masks were a charade of deception: they were designed to
fail so that the subject soldiers would inhale the highly dangerous and toxic chemicals. The
undisclosed purpose of the tests was to determine the impact of these biological and chemical
agents upon human beings.

47. Eric "volunteered" for a second tour at Edgewood, which occurred from
November to December 1958, during which period Eric was exposed to three or four rounds of
chemical agents. Although doing his best to be brave, Eric had no idea of what they were doing,
and he did experience some fear and knee buckling. One such test was conducted by injecting a
chemical substance intravenously in one arm while simultaneously withdrawing blood from the
other arm. Exposure to DM ("Adamsite," an arsenic compound) caused him to fall to the floor
vomiting.

48. In another test, Eric was given an unidentified pill to swallow. After being
exposed to what he much later learned was EA 1476, he remembers being delirious, arms and
legs flailing, unable to stand or walk and crawling to the water fountain to drink, falling, and
being ordered to void in jars. As a result of another exposure, Eric lost consciousness for
approximately three days, had an extremely low blood pressure, and suffered severe
hallucinations. His exposures record contains lines doctored by a magic marker so that they
cannot be read. He also has a reoccurring dream with an "out of body experience."

19 49. To this day, Eric continues to have flashbacks of his nightmares, and received a 20 dual diagnosis of both PTSD and bipolar disorder. He is anxious and high strung. At times, he 21 has been suicidal. Being confined in small spaces, such as an elevator, terrifies him because it 22 reminds him of a gas chamber, and he finds himself planning escape routes for any building, 23 store, or space he frequents. He is fixated on keeping doorways within view. Eric's list of 24 physical ailments is long: he has heart problems; post-surgery for aneurisms in both legs; 25 allergies; sinus issues; emphysema; gastro-intestinal disorders; hearing loss; tinnitus; vestibular 26 dysfunction; brain ischemia; and spinal degeneration. Notwithstanding these problems, Eric 27 pursued a successful career as an optician.

28

FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page20 of 75

1 50. Due to the security non-disclosure, the warnings that his Edgewood experience 2 was top-secret, and the threats of punishment for telling his tale, Eric did not seek medical 3 attention for many of his ailments until around 1997, when he sought care from VA doctors. 4 Even then, he kept secret the details of his Edgewood past. More recently, Eric's physicians were 5 able to link certain of his ailments and problems to the agents to which he was unwittingly 6 exposed at Edgewood. The Social Security Administration has found Eric to be disabled, and the 7 VA also found that Eric was 100% disabled based upon the VA's rating schedule, a portion of 8 which was attributable to his service at Edgewood.

9 51. In 2002, Eric underwent an occupational and environmental medicine health and 10 safety exam offered by the VA. The VA told him that his exposures at Edgewood did not 11 produce any long-term health impacts, but also stated that the agents he had been exposed to had 12 not been well studied or remained classified, and that this precluded further assessment. In 2006, 13 Eric received a letter from the VA offering him the opportunity to undertake another health 14 examination as a follow-up to his Edgewood service. Eric took a copy of the letter to his local 15 VA eligibility office in West Haven, Connecticut. However, the VA Eligibility Technician told 16 Eric that they knew nothing about any such offer.

17

Franklin D. Rochelle

18 52. Plaintiff FRANKLIN D. ROCHELLE ("Frank") was raised in rural North
19 Carolina. In 1968, at the age of 20, he was drafted into the Army. He attended boot camp at Fort
20 Bragg, North Carolina, and was then based at Fort Lee, Virginia.

53. While at Fort Lee, Frank saw posted notices asking for servicemen to test military
equipment, clothing, and gas masks. The opportunity appealed to Frank in part because the signs
promised no guard duty, no KP ("Kitchen Police") duty, and the freedom to wear civilian clothes
instead of his uniform. Frank submitted his name for the assignment.

54. Upon arriving at Edgewood Arsenal, Frank attended an orientation meeting where
he was told that some servicemen might be given the opportunity to test therapeutic drugs
currently under development. The servicemen selected for this would be given Fridays off and
would receive special recognition in the form of a medal. The presenters assured Frank and the
FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page21 of 75

1 attendees that they would not be harmed, that the tests were risk free, and that the drugs given would not be above normal doses. Frank never was told what he would be testing, nor was Frank 2 3 warned of any hazards. Frank signed up for the program. He was given a number of tasks and 4 quizzes to test his competency. He also was asked to sign various forms, including a release form. A self-described "country boy" who had never been exposed to street drugs, let alone 5 6 heard of chemical and other hazardous substances used by the Army, Frank had no clue of what 7 he was in for. He simply signed the form handed to him. Frank was never given a Volunteer 8 Booklet.

9 55. Frank was stationed at Edgewood Arsenal for a 60-day tour from September 1,
10 1968, to the end of October 1968. Although he does not remember ever signing a security non11 disclosure form, he was instructed to never talk about any of his tests. As his first test, he was
12 given an injection that had no discernable effect on him, possibly because it may have been a
13 placebo.

14 56. The second experiment on Frank, however, proved to be an entirely different story. 15 Frank was taken into a chamber by two individuals in white coats. He was placed in front of a 16 face mask and told to breathe normally. Frank did so, at which point he heard a valve click and 17 smelled some gas. Within one breath, Frank began to lose consciousness. He struggled to 18 breathe and had difficulty seeing. He felt dizzy, drunk, nauseous, and had the acute sensation that 19 his legs were falling through the floor. He vaguely recalls being carried out of the chamber by 20 two men in white coats. Over the next two to three days, Frank was hallucinating and high: he 21 thought he was three feet tall, saw animals on the walls, thought he was being pursued by a 6-foot 22 tall white rabbit, heard people calling his name, thought that all his freckles were bugs under his 23 skin, and used a razor to try to cut these bugs out. No one from the clinical staff intervened on his 24 behalf even though he was told that the test subjects would be under constant supervision. 25 However, when questioned afterwards about the source of the blood, Frank told them that he 26 dropped his razor while shaving. He was too embarrassed to tell them the truth about what had 27 happened. Frank's records show that on that day he was given the glycolate, CAR 302668, an

1 anticholinergic with properties identical to atropine, at a dose above the calculated incapacitating 2 amount.

3 57. Frank's available records from Edgewood indicate that he participated in a third 4 round of testing during his tenure at Edgewood. To this day, he is unable to recall a single detail 5 from this period of time. However, Frank's records suggest that the substances he received were 6 code-named EA 2233-1 and EA 2233-2. Frank knows nothing about these substances, but 7 internet research has revealed that EA 2233 is a non-lethal incapacitating agent that is actually 8 DMHP, and is related in structure to THC. It has eight stereoisomers, which differ markedly in 9 potency, and the most potent stereoisomer was EA 2233-2. DHMP produces sedation and 10 hallucinogenic effects similar to THC, but also is known to cause hypotension (low blood 11 pressure), severe dizziness, fainting, ataxia and muscle weakness.

12

58. When he was released from Edgewood, Frank was promised follow-up medical 13 care. However, the Army never checked in or followed up with Frank. Instead, they sent Frank 14 to fight in Vietnam.

59. 15 Today, Frank suffers from memory loss, anxiety, vision problems, difficulty 16 breathing, and sleep apnea. He still has nightmares about his time at Edgewood, has a short 17 temper, and is highly distrustful of authority figures. Because he believed that his Edgewood 18 service was top-secret and because he feared punishment for disclosure, Frank did not even tell 19 his own doctor what he had been through until around 2006. He currently receives 80% VA 20 disability compensation for obstructive lung defect, anxiety disorder, hearing loss and tinnitus.

21 60. During his assignment to Edgewood, Frank received \$1.50 per day in pay for 22 travel and a certificate saying that he was an Edgewood participant. He never received any award 23 or medal. Further, Frank did not receive any follow-up check-ups, care or treatment.

24 61. Recently, Frank's medical problems have worsened and his health has 25 deteriorated. As a result, Frank is no longer able to work the job that he held for over 28 years.

26

27

28

62. Plaintiff LARRY MEIROW ("Larry") was called up to the United States Army in the last draft call of the Vietnam Era. He was 19 when he entered the Army as a Private in FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

Larry Meirow

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page23 of 75

June 1972. Larry served on active duty until March 1974 when he joined the National Guard. He
 returned to active duty in 1975 for 45 days to fulfill his military commitment.

63. After being called up in the draft, Larry entered basic training which he completed
in August 1972. Shortly thereafter, in October 1972, his Company Commander came out to the
morning formation and asked for volunteers to go to Edgewood. The members of the company
were told that they would be testing military equipment and would be given 3-day weekends and
extra pay of \$2.00 per day. Still standing in morning formation, the soldiers were asked to raise
their hands if they were interested. Larry raised his hand.

9 64. When morning formation was dismissed, Larry asked the officer for more details
10 about Edgewood. Larry was told that those who were selected would learn more once at
11 Edgewood. Larry soon received orders to report to Edgewood by November 3, 1972.

- 12 65. Upon reporting to Edgewood, Larry was given paperwork to sign, but was not
 13 given the advance opportunity to read or review the contents. He was not given a Volunteer
 14 Booklet. Instead, he was berated and ordered to hurry up and complete the forms. Larry was also
 15 given psychological and medical exams and was examined by a psychiatrist.
- 16 66. During a group presentation, the soldiers were promised a commendation medal
 17 and health care should anything go wrong. They also were ordered to never disclose any details
 18 of their Edgewood experience and were told that if they disobeyed they would be imprisoned.
 19 After this orientation, the soldiers were released to the camp where they would go into the day
 20 room to play ping pong and wait for their names to be called up.
- 67. Sometime around November 11, 1972, Larry was called out of the day room and
 driven to another building. He was ordered to put on a hospital gown and told to lie down on a
 table. The people in charge attached leg and arm straps to buckle him down and hold him in
 place. He was told that he was going to be injected with a harmless substance.
- 68. Instead, they injected Larry with a substance that caused a burning sensation
 through his veins and made his head feel like it was going to explode. Larry felt like he was on
 fire and blacked out from the pain. He cannot recall what happened next, but only remembers
 regaining consciousness in a bunk bed in a recovery area. While in the recovery area, he was
 FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page24 of 75

given urine tests every 24 hours. He was told that he would have to continue to have frequent
 urine tests even after returning to his permanent base and that he should continue to have them
 done even after he had been discharged.

3

4 For over 30 years since Edgewood, Larry has had ongoing symptoms of 69. 5 fibromyalgia, joint pain, tremors, and numbness. He has suffered from a splitting headache on 6 the right side of his head, with blurred vision and difficulty swallowing. His head often feels 7 numb and at times he has uncontrollable drooling. He has hearing loss in both ears and wears a 8 hearing aid in one ear. He has almost completely lost his short-term memory, and some loss of 9 his long-term memory. He has been worked up by multiple specialists and diagnosed with cysts 10 on both kidneys, and pre-cancerous polyps of the colon. His EMG tests were positive for 11 polyneuropathies and pathology in both upper and lower extremities, and he has demonstrated 12 persistent problems with balance and fine motor skills. He has severe stomach aches and his 13 gallbladder had to be removed. He has fatty tissue surrounding his liver. He has been unable to 14 sleep a full night for over three decades. He has had periods where sobriety became an issue, has 15 been arrested several times, and has had difficulty holding down jobs for long periods of time. 16 Larry was so fearful of disobeying the confidentiality order and so traumatized by recalling the 17 events that he did not tell his spouse of 37 years or his doctors what he had been through until 18 approximately 2003.

19 70. When he was 49 years old, Larry had to quit working due to his health condition,
20 and he has been receiving Social Security disability payments since 2004. On Larry's behalf, the
21 VA requested his medical papers from Edgewood. However, Edgewood Arsenal sent a letter to
22 the VA dated May 24, 2005 confirming that Larry had been assigned to serve at Edgewood, but
23 denying that Larry had actually participated in any of their experiments. Larry has never received
24 the health care or medal of commendation that he was promised.

25

71. The day after Plaintiff DAVID C. DUFRANE ("David") graduated from high
school in June 1964, he enlisted in the United States Army as a Private E1. David was 17 years
old. He served in the Army until June 1967. He served in both Thailand and Edgewood.
FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

David C. Dufrane

1 72. In March 1965, while based at Fort Knox, Kentucky, David saw a flyer looking for 2 volunteers to test clothing and equipment. David asked his Platoon Sergeant what the Edgewood 3 program was about. David's Platoon Sergeant responded that he did not know, but that since it 4 was located near some testing grounds, the volunteers might be testing military equipment. 5 David decided to go to an informational meeting. 6 73. At the informational meeting, David was told that volunteers would be testing 7 clothing and military equipment. David was also told that they would not have guard duty, would 8 not have KP, would be granted increased amounts of vacation, and would receive a special 9 commendation. Following the information session, David was given a battery of physical and 10 written tests. Like the others, he did not receive the Volunteer Booklet. 11 74. Shortly thereafter, David received orders to report to Edgewood in April 1965. He 12 reported for duty at Edgewood on April 4, 1965. After completing a questionnaire regarding 13 routine medical data, David waited for his name to be called. 14 75. In all, David was used as a human test subject in at least eight experiments. He is 15 able to remember only four of them. Gas was sprayed directly onto his face, causing extreme 16 burning and blindness that lasted for eight hours. Chemicals were sprayed on his body that, when 17 exposed to black light, turned his body purple. While held in padded rooms, David was injected 18 with substances that made him hallucinate for days. He believed that he was eating entire cities 19 and vomited from the taste of the concrete in his mouth. He also was forced to drink liquids that 20 made him think objects that he held in his hand had disappeared or were invisible. 21 76. David was held at Edgewood from early April to the end of May 1965. He spent 22 most of that time entirely incapacitated. As soon as he was finished with one test — and 23 sometimes when he was still under the influence of unknown chemical substances — he would be 24 assigned to participate in another test. He cannot remember much of what happened during that 25 time. 26 77. David was later told by the Army that he had signed releases for every test in 27 which he had participated. However, he does not remember ever seeing or signing any release. 28 Edgewood provided him with three examples of his supposed releases. One of these releases was

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page26 of 75

dated in June 1964, *prior to his entry into the armed services* and at a time when he was still in
 high school. Another was dated in 1969, *after he had already left the Army*. None of these
 supposed releases contain any specific information or details as to what he was allegedly agreeing
 to do.

5 78. At his exit interview in 1965, David was told that his service at Edgewood was top 6 secret. He was directed to sign a confidentiality agreement, which he complied with. He also 7 was told that he should not speak with either a private doctor or the VA about his Edgewood 8 experience, and that the Army or Edgewood would provide him with any follow-up care he might 9 need.

10 79. David suffers from frequent flashbacks. His arms and legs are numb and tingle
11 almost all of the time. He has a chronic headache on the left side of his head, and has broken all
12 of the teeth on the left side of his jaw due to grinding from the always-present pain. He has
13 severe breathing and lung problems and almost always hears a hissing noise in his ears.

14 80. David tried to get medical care in 1986. When he approached his VA for 15 assistance, he was told that he was hallucinating and making things up — he was told that 16 Edgewood never happened and that he had never served there. For the next 6 years, David did 17 not seek medical care, fearful that no one would believe him and unable to back up his claims. 18 After his daughter discovered his Edgewood release papers in the attic, David was able to return 19 to the VA with proof of his Edgewood service. Doctors have since linked his ailments to his 20 chemical exposure while at Edgewood. However, he has never been given the follow-up medical 21 care or medal of commendation that he was promised. David recently was awarded the Vietnam 22 Service Medal with two Bronze Service Stars for the Vietnam Defense Campaign and the 23 Vietnam Counter-Offensive Campaign. David currently receives 60% VA disability 24 compensation for post-traumatic stress disorder.

25

Former Individual Plaintiff Wray C. Forrest

81. Former Plaintiff WRAY C. FORREST ("Wray") was 17 years old when he
enlisted in the United States Air Force. He served in the Air Force from 1967 to 1969 and then,
at the age of 19 in January 1969, enlisted in the Army. He served in the Army for 14 years and
FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531 was honorably discharged in 1982 at the grade of E-7 (Sgt. First Class). He was discharged for
 alleged personality disorders.

82. While posted at Fort Stewart, Georgia, Wray saw flyers announcing tours of duty at Edgewood. A meeting was being held at the local post theater. Out of curiosity, Wray attended. At the meeting representatives from Edgewood announced that they were looking for soldiers to test Army equipment, vehicles, military combat equipment, and the like. The representatives said that soldiers selected to participate would have a 4-day work week, with a guaranteed 3-day pass, and would receive a Commendation Medal for their service. There was no mention of testing drugs, nor was there any disclosure of hazards or potential risks.

83. Soldiers interested in the opportunity to serve at Edgewood were invited to remain
at the post theater to participate in a number of screening interviews. Wray was asked to sign
forms saying that he was interested in serving at Edgewood and was then given written and
psychiatric tests. Eight to ten weeks later, Wray received notification to report to personnel to
pick up his Temporary Duty Orders. He was one of two people from his post ordered to
Edgewood Arsenal.

16 84. After Wray arrived at Edgewood in 1973, he remembers signing some sort of form 17 consenting to test aircraft equipment. He was ordered to report for testing early Monday 18 morning. It was only at this point — after he had been ordered to serve at Edgewood, after he 19 had reported for duty at Edgewood, after he had signed the consent forms to perform tests on 20 aircraft, and after he showed up on Monday morning for testing — that he was verbally informed 21 that he would be used to test drugs. He never received a Volunteer Booklet. He was issued a 22 special identification card to present in the event that he were ever arrested for drug use based 23 upon the track marks that would soon appear on his arms. At that point, because he was a soldier 24 following the orders of his officers, he felt that he did not have any real opportunity to back out or 25 return to his post. Wray became Medical Volunteer Number 6692.

26 85. Wray was a human subject in at least five Edgewood tests. The tests were
27 conducted in various places: the ward, an aircraft, a dark room with no light, and a classroom

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page28 of 75

1 2 setting. He was injected with various substances, and was then asked to describe his side effects, which included dizziness, blurred vision, difficulty speaking, and a rapid heart rate.

86. Following his service at Edgewood, Wray has suffered traumatic stress disorder
and pulmonary and cardiac problems that has led to a 100% Social Security Disability rating. He
never received the Commendation Medal he was promised, nor recognition of any other kind.
Although still an active service member when the Army was requested to provide the names of all
soldier subjects during the Congressional Hearings in 1977, the Army never notified or contacted
Wray. In fact, the only time Wray has been contacted regarding his Edgewood service was by a
VA outreach survey in 2007, three decades after he completed his tour at Edgewood.

10 87. On August 31, 2010, after suffering with terminal lung, throat and lymphatic
11 cancer, Wray passed away. Plaintiff Kathryn McMillan-Forrest is the surviving spouse of Wray
12 Forrest, has filed a claim for accrued disability benefits and dependency and indemnity
13 compensation, and is substituted in Wray Forrest's place as named Plaintiff, except as to the APA
14 claim for notice, the secrecy oath claims and claims for medical care.

15

Common Issues Among Individual Plaintiffs

16 88. None of the activities of Plaintiffs described herein constituted participation in
17 what can properly be considered to be military activities or implicated questions of military
18 discipline. None of the Plaintiffs or members of the proposed class are currently active members
19 of the military.

20 89. Except for a handful of veterans compensated by the passage of private bills, 21 DEFENDANTS have not compensated Plaintiffs or any class members for any of the damages 22 suffered as the proximate result of DEFENDANTS' actions or reimbursed Plaintiffs or class 23 members for the private medical care and treatment they have received. In contrast, the British 24 government in January 2008 provided full compensation to the participants in a parallel set of 25 human experiments on troops assigned to serve at Porton Down, near Salisbury, England. 26 Similarly, in 2004, the Canadian government adopted a payment program to recognize the service 27 of Canadian veterans who participated in chemical warfare experiments at Suffield, Alberta, and 28 Chemical Warfare Laboratories, Ottawa, from 1941 through the mid-1970s. The vast majority of FOURTH AMENDED COMPLAINT 27 CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page29 of 75

Edgewood participants have never received any notice from DEFENDANTS and at most a small
 handful have ever received any health care or compensation from DEFENDANTS associated
 with their participation in the MKULTRA experiments.

.

90. DEFENDANTS acquired esoteric and unique knowledge and information, most of
which was never made public, concerning the properties, doses, and health effects, both
immediate and latent, of the substances they tested. Most private physicians lack the background
and experience properly to treat many of the health effects of such substances, some of which
DEFENDANTS have never identified. As a result, the ability of the "volunteers" to obtain
suitable medical care has in many instances been, and continues to be, adversely impacted or
compromised.

91. Nothing herein is intended or should be construed as an attempt to obtain review
of any decision relating to benefits sought by any veteran or to challenge any benefits decisions
made by the Secretary of the VA. Likewise, nothing herein is intended or should be construed as
a request for money damages.

15

F. DEFENDANTS

16 92. Defendant CENTRAL INTELLIGENCE AGENCY ("CIA") was created in 1947 17 by the National Security Act, which also established the Department of Defense and the National 18 Security Council ("NSC"). CIA was modeled largely after the Office of Strategic Services, 19 which served as the principal U.S. intelligence organization during World War II. The newly 20 created agency was authorized to engage in foreign intelligence collection (*i.e.*, espionage), 21 analysis, and covert actions. It was, however, prohibited from engaging in domestic police or 22 internal security functions. The CIA has publicly stated that no U.S. citizens should be the object 23 of CIA operations. Nonetheless, CIA engaged in a surreptitious, illegal program of domestic 24 human experimentation from the 1950s at least well into the 1970s.

25 93. Defendant LEON PANETTA, is the current Director of the CIA, and is named
26 solely in his official capacity. The Director of the CIA serves as the head of the CIA and reports
27 to the Director of National Intelligence. (The Intelligence Reform and Terrorism Prevention Act
28 of 2004 amended the National Security Act to provide for a Director of National Intelligence who
FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page30 of 75

1 would assume some of the roles formerly fulfilled by the Director of Central Intelligence 2 ("DCI"), with a separate Director of the CIA.) The CIA Director's responsibilities include: 3 (a) collecting intelligence through human sources and by other appropriate means, except that he 4 shall have no police, subpoena, or law enforcement powers or internal security functions; 5 (b) correlating and evaluating intelligence related to the national security and providing 6 appropriate dissemination of such intelligence; (c) providing overall direction for and 7 coordination of the collection of national intelligence outside the United States through human 8 sources by elements of the intelligence community authorized to undertake such collection and, in 9 coordination with other departments, agencies, or elements of the United States Government that 10 are authorized to undertake such collection, ensuring that the most effective use is made of 11 resources and that appropriate account is taken of the risks to the United States and those 12 involved in such collection; and (d) performing such other functions and duties related to 13 intelligence affecting the national security as the President or the Director of National Intelligence 14 may direct.

94. 15 Defendant the DEPARTMENT OF DEFENSE ("DOD" or "DoD") is the federal 16 department charged with coordinating and supervising all agencies and functions of the 17 government relating directly to national security and the military. The organization and functions 18 of the DOD are set forth in Title 10 of the United States Code. The DOD is the major tenant of 19 the Pentagon building near Washington, D.C., and has three major components — the 20 Department of the Army, the Department of the Navy, and the Department of the Air Force. 21 Among the many DOD agencies are the Missile Defense Agency, the Defense Advanced 22 Research Projects Agency ("DARPA"), the Pentagon Force Protection Agency ("PFPA"), the 23 Defense Intelligence Agency ("DIA"), the National Geospatial-Intelligence Agency ("NGA"), 24 and the National Security Agency ("NSA"). The department also operates several joint service 25 schools, including the National War College.

26 95. Defendant DR. ROBERT M. GATES is the current Secretary of Defense, and is
27 named solely in his official capacity. The Secretary of Defense is the principal defense policy
28 advisor to the President and is responsible for the formulation of general defense policy and
FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page31 of 75

1 policy related to all matters of direct concern to the DOD, and for the execution of approved 2 policy. Under the direction of the President, the Secretary of Defense exercises authority, 3 direction and control over the DOD. The Secretary of Defense is a member of the President's 4 Cabinet and of the National Security Council. In 1964, the DOD took primary responsibility for 5 the human experimentation "volunteers." In 1993, the DOD promised to supply VA with 6 information to help "volunteers" with claims; however, the DOD did not fulfill that promise. On 7 December 2, 2002, Congress passed the Bob Stump National Defense Authorization Act for 8 Fiscal Year 2003. In that Act, Congress directed the Secretary of Defense to "work with veterans 9 and veterans service organizations" to identify "projects or tests conducted by the Department of 10 Defense that may have exposed members of the Armed Forces to chemical or biological agents." 11 In February 2008, the U.S. Government Accountability Office reported to Congress that the DOD 12 had not met this duty, and that the DOD "has not kept Congress and veterans service 13 organizations fully informed about its efforts." Indeed, for decades the DOD resisted release of 14 the names of the "volunteers" to the VA, as well as other available information. 15 96. Defendant UNITED STATES DEPARTMENT OF THE ARMY (the "Department 16 of the Army") is one of three service departments of the Department of Defense. It has 17 responsibility for the administration of, control, and operation of the United States Army (the 18 "Army"), a military organization whose primary responsibility is for land-based military 19 operations. The civilian head of the Department of the Army is the Secretary of the Army, and 20 the highest ranking military officer in the department is the Chief of Staff, unless the Chairman of 21 the Joint Chiefs of Staff or Vice Chairman of the Joint Chiefs of Staff is an Army officer. The 22 Army is made up of three components: the active component, the Regular Army, and two reserve 23 components, the Army National Guard and the Army Reserve. As of October 31, 2008, the 24 Regular Army reported just under 546,000 soldiers. The Army National Guard (the "ARNG") 25 reported 350,000 personnel and the United States Army Reserve (the "USAR") reported 189,000 26 personnel, putting the approximate combined total at 1,085,000 personnel. 27 97. Defendant PETE GEREN is the current United States Secretary of the Army, and 28 is named solely in his official capacity. Secretary GEREN has statutory responsibility for all

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page32 of 75

1	matters relating to the United States Army: manpower, personnel, reserve affairs, installations,
2	environmental issues, weapons systems and equipment acquisition, communications, and
3	financial management. Additionally, Secretary GEREN is responsible for the Department of the
4	Army's annual budget and supplemental budget of \$170 billion. He leads a work force of over
5	one million active duty, Army National Guard, and Army Reserve soldiers, 230,000 Department
6	of the Army civilian employees and 280,000 contracted service personnel.
7	98. Defendant ERIC H. HOLDER, JR. is the current Attorney General of the UNITED
8	STATES OF AMERICA, and is named solely in his official capacity, and in connection with the
9	Attorney General's assumption of responsibility to notify the victims of biological and chemical
10	weapons tests.
11	99. The inclusion of each defendant named herein is necessary to afford complete
12	relief, and to avoid a multiplicity of actions and the possibility of inconsistent results.
13	II. THE HISTORY OF THE GOVERNMENT'S USE OF CITIZENS AS TEST
14	SUBJECTS IN EXPERIMENTS INVOLVING RADIOACTIVE ISOTOPES, CHEMICALS AND BIOLOGICAL AGENTS
15 16	A. DEFENDANTS' Use of Soldiers to Test Toxic Chemical and Biological Warfare Agents
10	1. Overview of Testing Programs
17	100. Edgewood Arsenal was originally established on October 20, 1917, six months
10 19	after the United States entered World War I, and one of its responsibilities was to conduct
20	chemical weapons research, development and testing. Edgewood also provided chemical
20 21	production and artillery shell filling facilities to respond to the chemical weapons that were being
21	used in the fighting in Europe. The main chemicals produced were phosgene, chloropicrin and
22	mustard. Edgewood offered a military facility where design and testing of ordnance material
23 24	could be carried out in close proximity to the nation's industrial and shipping centers. The
25	installation comprises two principal areas, separated by the Bush River. The Northern area was
25 26	known as the Aberdeen Proving Ground area. The southern sector, Edgewood Arsenal —
20 27	formerly called the U.S. Army Chemical Warfare Center — was located northeast of Baltimore,
28	
	FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531 31

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page33 of 75

1 Maryland, in the Northern Chesapeake Bay along a neck of land between the Gunpowder and 2 Bush rivers. The two areas were administratively combined in 1971.

3 101. During the 1930s, Edgewood Arsenal served as the center of the military's 4 Chemical Warfare Service activities. Workers developed gas masks and protective clothing, 5 tested chemical agent dispersal methods, and trained Army and Navy personnel. During World 6 War II, Edgewood Arsenal continued to produce chemical agents and plans for countermeasures 7 in case it became necessary to use them. Workers at Edgewood also tested and developed flame 8 thrower weapons and smoke screens. The Army Chemical and Biological Defense Command 9 ("CBDCOM") is home to the Army's non-medical chemical and biological defense activities, 10 including research, development, acquisition, and remediation issues associated with chemical 11 and biological defense.

12 102. By the end of World War II, the U.S. had produced more than 87,000 tons of 13 sulfur mustard, 20,000 tons of Lewisite, and 100 tons of nitrogen mustard at Edgewood Arsenal 14 and three other military facilities. In addition to producing chemical materials, Edgewood 15 became the first American military installation to test lethal agents on humans.

16 103. In 1942, DEFENDANTS for the first time sought formal authority to recruit and 17 use human subjects in a chemical warfare experiment involving mustard agents. (1976 Army IG 18 Report at 29-30.) The Acting Secretary of War authorized in principle the use of enlisted men as 19 subjects for testing of mustard agent on soldiers. Initially, volunteer investigators at Edgewood 20 Arsenal were used to test mustard, phosgene, and other known chemical agents. DEFENDANTS 21 continued to rely upon this same mustard gas authorization to conduct human experimentation 22 into the 1950s at Camp Siebert, Alabama, Bushnell, Florida, Dugway Proving Ground, Utah, and 23 off the coast of Panama near the Panama Canal Zone. (1976 Army IG Report at 30.)

24 104. On or about January 21, 1944, DEFENDANTS carried out a mission to test the 25 effects of mustard gas bombs on American prisoners who had volunteered for the assignment on 26 the understanding that they would be released from prison after it was concluded. These 27 volunteers were placed in underground fortified bunkers on an island off the coast of Australia. 28 In an effort to cover their tracks, DEFENDANTS used Australian pilots in American Air Force FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page34 of 75

1 planes to conduct an air strike on the fortified bunkers, hoping to gain information to plan the 2 invasion of Pacific Islands held by Japan. The secret mission was headed by Lt. Col. Jess 3 Crowther of the 5th U.S. Air Force. The prisoners were killed in the bombing, and 4 DEFENDANTS suppressed or destroyed information concerning the mission and its results. 5 From approximately 1949 to 1968, DEFENDANTS conducted open air field tests 105. 6 of anti-personnel biological stimulants in numerous U.S. cities. For example, in 1950, 7 DEFENDANTS exposed the city of San Francisco to an aerosolized live bacteria called *serratia* 8 *marcescens*. On information and belief, this field test exposed military personnel and civilians 9 alike to serratia marcescens. See, e.g., Nevin v. United States, 696 F.2d 1229 (9th Cir. 1983). 10 The bacterium bacillus globigii also was used in the 1950 San Francisco test. Additional anti-11 personnel field testing of *bacillus globigii* took place at Edgewood Arsenal in 1959. (See, e.g., 12 U.S. Army Activity In the U.S. Biological Warfare Programs, Volume 2, Annex E, Appendix III 13 & Annex F (Feb. 24, 1977), included in *Biological Testing Involving Human Subjects by the* 14 Department of Defense: Hearing Before the Subcomm. on Health and Scientific Research of the 15 S. Comm. on Human Resources, 95th Cong. (1977).) DEFENDANTS also entered into numerous 16 Biological Warfare Research, Development, Test, & Evaluation ("RDTE") Contracts with private 17 research institutions through Fort Detrick, including more than 20 contracts from 1950 to 1966 18 with the State of California, the University of California, Stanford University, and Stanford 19 Research Institute. (*See id.* at 80-100.)

20 In early 1952, the CIA effected an agreement with the Army Chemical Corps for 106. 21 the performance of certain chemical and biological warfare research and development work by 22 the Army Chemical Corps at the Army's laboratory facilities at Fort Detrick. CIA funding for 23 this program continued until the 1970s. Fort Detrick was the parent research and pilot plant 24 center for DEFENDANTS' biological warfare programs, and became heavily involved in cancer 25 research after President Nixon declared a war on cancer in 1971. The National Cancer Institute 26 ("NCI") spearheaded that effort. The Naval Biosciences Laboratory ("NBL"), in Oakland, 27 California, collaborated in open-air tests of biological warfare stimulants in the San Francisco 28 Bay Area in the 1950s, including by supplying personnel, lab facilities, and equipment for the FOURTH AMENDED COMPLAINT 33 CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page35 of 75

1 secret biological warfare stimulant exercise in San Francisco. The University of California 2 ("UC") helped manage the NBL — earlier called the Naval Biological Laboratory. From 3 approximately 1953 to 1968, UC, while involved with the NBL, also had biological warfare 4 contracts with the U.S. Army. After U.S. treaty obligations prohibited open research on mass 5 production of dangerous viruses as a result of the Biological Weapons Convention (1972), this 6 program, at least officially, shifted its focus to defensive measures. A focus of the Fort Detrick 7 facility after the ban on offensive viruses was the large scale production of oncogenic (cancer-8 causing) and suspected oncogenic viruses. Within about a year, DEFENDANTS had produced a 9 stockpile of approximately 60,000 liters of oncogenic and immunosuppressive viruses. In 10 addition, a research engineer at NBL who was a member of the NCI Biohazards Work Group 11 from the NBL, conducted research concerning the stability, virulence, and biological 12 characteristics of viral aerosols in the early 1970s.

13 107. Throughout the 1970s, the U.S. "defensive" biological warfare programs 14 increasingly focused on the research and development of viral disease agents. The seed stocks for 15 virus production came from the Cell Culture Laboratory ("CCL"), which was housed at the NBL. 16 The laboratory was partially funded by the NCI and connected to UC and it became a repository 17 for potentially cancer-causing tissues and tissues that might contain them. After the ban, the NBL 18 continued experimenting with biological agents, but as "defensive" research. The NBL contract 19 was concurrent with NBL projects with bubonic plague, Rift Valley and meningitis. The NBL 20 did additional research for Fort Detrick before the 1972 ban. The NBL also performed much of 21 the original research into biological warfare during World War II. During this same period of 22 time, DEFENDANTS began to test the effectiveness of possible vaccines for biological warfare 23 agents on military personnel, using, for example, troops at Army installations such as Fort Dix, 24 N.J., where soldier "volunteers" were used to test a vaccine for meningitis. 25 108. DEFENDANTS and other government agencies have reported conflicting 26 estimates regarding the total number of armed services members exposed at Edgewood Arsenal

27 and other locations. The VA has reported that, between 1950 and 1975, approximately 6,720

28 soldiers were used as human guinea pigs for experiments involving exposure to at least 254 toxic FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page36 of 75

1 biological and chemical warfare agents at the U.S. Army's laboratories at Edgewood Arsenal. 2 These tests were conducted jointly by the U.S. Army Intelligence Board and the Chemical 3 Warfare Laboratories at Edgewood Arsenal's research facility.

4 One of the principal objectives of activities at Edgewood and Fort Detrick was to 109. 5 research and test drugs that could be used for "psychological warfare." In accordance with this 6 policy, the United States government began human testing of newer chemical agents, including 7 LSD, PCP, and synthetic cannabis analogs.

8 110. DEFENDANTS also tested mustard agents on soldiers at Edgewood. From 1958 9 to 1974, the government conducted tests of the riot control agent CS on at least 1,366 human 10 subjects at Edgewood, including skin applications, aerosol exposures, and direct application to the 11 individuals' eyes.

12 As part of DEFENDANTS' human experimentation program, DEFENDANTS 111. 13 determined that field tests of psychochemicals were necessary and should be performed to follow 14 up on laboratory experiments. The former Fort Ord, approximately five miles north of Monterey, 15 California, was suggested as a field test site because the low ground fog was considered "good 16 weather" for such tests.

17 DEFENDANTS conducted field tests at Fort Ord using military personnel. These 112. 18 field tests included a 1964 test entitled "Road Operations in a Toxic Environment" and a 1975 19 test code named "Grand Plot III," which was concerned with twelve common chemical defense 20 tasks. One purpose of these tests appears to have been to test nuclear, biological, and chemical 21 protective clothing. Reports, some classified as SECRET, detailing the results of the Grand 22 Plot III tests contain specific data concerning how much a soldier's performance is degraded 23 while operating in a chemical environment. (See, e.g., Biomedical and Behavioral Research, 24 1975: Joint Hearings Before the Subcomm. on Health of the S. Comm. on Labor and Public 25 Welfare and the Subcomm. on Admin. Practice and Procedure of the S. Comm. on the Judiciary, 26 First Session of Human-Use Experimentation Programs of the Department of Defense and 27 Central Intelligence Agency, 94th Cong. (1975) at 621; Office of the Surgeon General, U.S. 28 Army, Medical Aspects of Harsh Environments, Vol. I (2001) at 12). FOURTH AMENDED COMPLAINT

1 113. The CIA, which referred to Edgewood as EARL (Edgewood Arsenal Research 2 Labs), Department of Defense, and Special Operations Division of the U.S. Army were actively 3 involved in human experimentation, which used soldiers as test subjects. The CIA's involvement 4 violated its Charter, which restricts or forbids domestic CIA activities. See 50 U.S.C. § 403-5 3(d)(1).

6

2. The CIA and Other DEFENDANTS Hatch Project MKULTRA

7 114. The U.S. Supreme Court's decision in *Feres* emboldened DEFENDANTS 8 dramatically to expand the use of military personnel as test subjects, confident that they would be 9 insulated from liability. In April 1953, Richard Helms, the CIA's Acting Deputy Director of 10 Plans, proposed that the CIA institute a program for the "covert use of biological and chemical 11 materials" on an ultra-sensitive basis, meaning that knowledge of its existence would be limited 12 to senior CIA officers and that its activities and budget would be exempt from normal budget, 13 accounting, and legislative oversight requirements. (Memorandum from Richard Helms, Acting 14 Deputy Dir. of Plans, to Allen Dulles, Dir. of Cent. Intelligence (Apr. 3, 1953) (copy attached at 15 Tab A to a 1963 Report of Inspection of MKULTRA by CIA Inspector General J.S. Earman (the 16 "1963 CIA IG Report," a true copy of which is attached as Exhibit B hereto)); see Exh. B at 17 B-029-B-042.) (Helms was later convicted of lying to Congress regarding the CIA's role in the 18 attempted overthrow of President Salvador Allende in Chile.)

19 115. On or around April 13, 1953, CIA Director Allen Dulles approved Helms's 20 proposal and a covert CIA mind-control and chemical interrogation research program known as 21 "MKULTRA" was created. (Memorandum from Allen Dulles, Dir. of Cent. Intelligence, to 22 Deputy Dir. of Admin. (Apr. 13, 1953); see Exh. B at B-038-B-039; see also Exh. B at B-040.) 23 "Through the course of MKULTRA, CIA sponsored numerous experiments on unwitting 24 humans." (The Advisory Committee on Human Radiation Experiments (ACHRE), Interim 25 Report of ACHRE (Oct. 21, 1994) at App. E.) MKULTRA testing was conducted at Edgewood 26 Arsenal together with other sites such as Fort McClellan, Alabama, Fort Benning, Georgia, and 27 Fort Bragg, North Carolina. The CIA also contracted with Fort Detrick, which conducted a series 28 of experiments using human subjects, one of which was known as "Project White Coat." FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

1	116. The MKULTRA projects were under the control of the Chemical Division, within
2	the Technical Services Division of the CIA. Beginning in 1951, Dr. Sidney Gottlieb became the
3	director of the Chemical Division. During testimony he gave to Congress in 1977, Dr. Gottlieb
4	claimed that the creation of MKULTRA was inspired by reports of mind-control work in the
5	Soviet Union and China. He stated that the mission was "to investigate whether and how it was
6	possible to modify an individual's behavior by covert means." (Human Drug Testing by the CIA,
7	1977: Hearings on S. 1893 Before the Subcomm. on Health and Scientific Research of the S.
8	Comm. on Human Resources, 95th Cong. (1977) at 169.)
9	117. A secret arrangement devoted a percentage of the CIA budget to MKULTRA. For
10	instance, in 1953, the MKULTRA Director, Dr. Sidney Gottlieb, was granted six percent of the
11	Technical Services Section's research and development budget without any meaningful oversight
12	or accounting. (Exh. B at B-030, B-034.) MKULTRA, the "funding vehicle," soon established
13	over 149 subprojects that involved experiments using drugs on human behavior, lie detectors,
14	hypnosis, and electric shock. The CIA also enlisted the cooperation of over 44 colleges and
15	universities, 15 research foundations, 12 clinics or hospitals, and 3 prisons. The CIA established
16	front organizations to channel funds to institutions conducting or assisting in the experiments
17	using benign, descriptive names such as the "Society for the Investigation of Human Ecology."
18	118. The calculating mindset behind MKULTRA was revealed in a national security
19	assessment prepared for President Eisenhower in 1954 entitled "Report on the Covert Activities
20	of the Central Intelligence Agency," which urged:
21	If the United States is to survive, long-standing American concepts
22	of "fair play" must be reconsidered. We must learn to subvert, sabotage, and destroy our enemies by more clever, more
23	sophisticated, and more effective methods than those used against us. It may become necessary that the American people will be
24	acquainted with, understand and support this fundamentally repugnant philosophy.
25	(James H. Doolittle, et al., Report on the Covert Activities of the Central Intelligence Agency
26	(Sept. 30, 1954) at 2-3.)
27	119. On February 26, 1953 — during the same year that MKULTRA began — the CIA
28	and DOD prepared and issued a directive that purported to bring the U.S. government in
	FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531 37

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page39 of 75

compliance with the 1947 Nuremberg Code on medical research (the "1953 Wilson Directive").
 The 1953 Wilson Directive, a true copy of which is attached as Exhibit C hereto, initially was
 classified as "top secret" and provided in relevant part that:

4	a. "The voluntary consent of the human subject is absolutely essential," and
5	that "the person involved should have legal capacity to give consent; should be so situated as to
6	be able to exercise free power of choice, without the intervention of any element of force, fraud,
7	deceit, duress, over-reaching, or other ulterior forms of constraint or coercion; and should have
8	sufficient knowledge and comprehension of the elements of the subject matter involved as to
9	enable him to make an understanding and enlightened decision," [which requires that he know]
10	"the nature, duration, and purpose of the experiment; the method and means by which it is to be
11	conducted; all inconvenience and hazards reasonably to be expected; and the effects upon his
12	health or person which may possibly come from his participation in the experiment" (Exh. C at
13	C-001-C-002);
14	b. "The number of volunteers used shall be kept to a minimum" (Exh. C
15	at C-002);
16	c. "The experiment should be so designed and based on the results of animal
17	experimentation and a knowledge of the natural history of the disease or other problem under
18	study" (Exh. C at C-002);
19	d. "The experiment should be so conducted as to avoid all unnecessary
20	physical and mental suffering and injury" (Exh. C at C-002);
21	e. "The experiment should be conducted only by scientifically qualified
22	persons. The highest degree of skill and care should be required through all stages of the
23	experiment" (Exh. C at C-003);
24	f. "During the course of the experiment the human subject should be at
25	liberty to bring the experiment to an end if he has reached the physical or mental state where
26	continuation of the experiment seems to him to be impossible," and "the scientist in charge must
27	be prepared to terminate the experiment at any stage" (Exh. C at C-003); and
28	
	FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

1	g. "In each instance in which an experiment is proposed, the nature and	
2	purpose of the proposed experiment and the name of the person who will be in charge of such	
3	experiment shall be submitted for approval to the Secretary of the military department in which	
4	the proposed experiment is to be conducted," and no experiment "shall be undertaken until such	
5	Secretary has approved in writing the experiment proposed" (Exh. C at C-003).	
6	120. The classification of the 1953 Wilson Directive as "Top Secret" and later "Secret"	
7	rendered it unknown to Plaintiffs, other "volunteers," and the vast majority of the managers of the	
8	human experimentation program. In fact, the existence of the 1953 Wilson Directive was kept	
9	secret from researchers, subjects and policymakers for over two decades, and the implementing	
10	instructions to the field for the 1953 Wilson Directive were delayed, and monitoring and	
11	enforcement of the directive were almost non-existent.	
12	121. Following a series of revelations concerning MKULTRA and other unethical CIA	
13	practices, President Gerald Ford issued Executive Order 11905 on Foreign Intelligence Activities	
14	in February 1976, which prohibited "experimentation with drugs on human subjects, except with	
15	the informed consent, in writing and witnessed by a disinterested third party." (Exec. Order	
16	11905 §5(d).)	
17	122. On or about April 19, 1979, the National Commission for the Protection of Human	
18	Subjects of Biomedical and Behavioral Research, Department of Health, Education and Welfare	
19	published a report pursuant to the National Research Act, which set forth basic ethical principles	
20	and guidelines for the protection of human subjects in biomedical and behavioral research (the	
21	"Belmont Report").	
22	123. On or about December 4, 1981, President Reagan issued Executive Order 12333,	
23	which governed the conduct of U.S. intelligence activities. Section 2.10 of which, entitled	
24	"Human Experimentation," provided:	
25	No agency within the Intelligence Community shall sponsor,	
26	contract for or conduct research on human subjects except in accordance with guidelines issued by the Department of Health and	
27	Human Services. The subject's informed consent shall be documented as required by those guidelines.	
28		
	FOURTH AMENDED COMPLAINT39CASE NO. CV 09-0037-CWsf-3201531	

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page41 of 75

1	124. On or about January 7, 1983, DEFENDANT DOD issued Directive No. 3216.2
2	regarding the Protection of Human Subjects in DOD-Supported Research, which extended basic
3	procedures of the 1953 Wilson Directive and applied to all DOD-supported research,
4	development, tests, evaluations, and clinical investigations by DOD and DOD contractors.
5	125. On June 30, 1953, the Department of the Army Office of the Chief of Staff issued
6	a CONFIDENTIAL Memorandum, numbered Item 3247, concerning Use of Volunteers in
7	Research. This Memorandum echoed the Wilson Directive and set forth opinions of the Judge
8	Advocate General that furnished "specific guidance for all participants in research in atomic,
9	biological and/or chemical warfare defense using volunteers." Among other things, the
10	guidelines established in this Memorandum provided that:
11	a. Agents used in research must have several "limiting characteristics,"
12	including "[n]o serious chronicity anticipated," "[e]ffective therapy available," and an
13	"[a]dequate background of animal experimentation."
14	b. "As added protection for the volunteers, the following safeguards <i>will be</i>
15	provided: Medical treatment and hospitalization will be provided for all casualties of the
16	experiments as required." (Emphasis added.)
17	126. On or about March 26, 1962, the Department of the Army issued Army
18	Regulation 70-25, concerning the Use of Volunteers as Subjects in Research ("AR 70-25").
19	AR 70-25 prescribed policies "governing the use of volunteers as subjects in Department of Army
20	research, including research in nuclear, biological and chemical warfare, wherein human beings
21	are deliberately exposed to unusual or potentially hazardous conditions." AR 70-25 set forth
22	certain "basic principles" that "must be observed to satisfy moral, ethical, and legal concepts."
23	The first basic principle listed is that "Voluntary consent i[s] absolutely essential." In furtherance
24	of that basic principle, AR 70-25 instructs (among other things) that:
25	a. the volunteer "must have sufficient understanding of the implications of his
26	participation to enable him to make an informed decision, so far as such knowledge does not
27	compromise the experiment"; and
28	
	FOURTH AMENDED COMPLAINT

1 2 b. the volunteer "will be fully informed of the effects upon his health or person which may possibly come from his participation in the experiment."

3 127. Another basic principle set forth by AR 70-25 is that volunteers "will have no
4 physical or mental diseases which will make the proposed experiment more hazardous for them
5 than for normal healthy persons."

6 128. AR 70-25 also mandates that "[a]s added protection for volunteers, the following
7 safeguards *will be provided*: ... Required medical treatment and hospitalization *will be provided*8 for all casualties." (Emphasis added.)

9 129. In June 1991, the same basic principles contained in the 1953 Wilson
10 Memorandum were propounded in regulations issued by DEFENDANT DOD. *See* 32 C.F.R.
11 Part 219. This set of regulations is generally referred to as the "Common Rule," a denomination
12 that is also used in this Complaint.

13 130. DEFENDANT DOD issued a series of directives adopting or certifying the 14 Common Rule in Directives 3216.02 ("Protection of Human Subjects and Adherence to Ethical 15 Standards in DOD-Supported Research," March 25, 2002) and 6200.2 ("Use of Investigational 16 New Drugs for Force Health Protection," August 1, 2000). The directives, regulations (including, 17 but not limited to, AR 70-25) and other governmental actions regarding the Common Rule, the 18 Belmont Report and the 1953 Wilson Memorandum are sometimes referred to collectively as the 19 "Official Directives." Throughout the period of time encompassed by this Complaint, the basic 20 ethical principles memorialized in the Official Directives did not change. However, what did 21 markedly change is the willingness of government officials to ignore or depart from ethical norms 22 or circumvent procedures or mechanisms to patrol or monitor compliance with such norms.

131. The rationale for DEFENDANTS' policy of secrecy regarding its human
experimentation program was summarized by Atomic Energy Commission's Colonel O. G.
Haywood: "It is desired that no document be released which refers to experiments with humans
and might have adverse effect upon on public opinion or result in legal suits. Documents
covering such work field should be classified 'secret.'" (Memorandum from Col. O.G. Haywood,

28

Jr., U.S. Army Corps of Eng'rs, U.S. Atomic Energy Comm'n, to U.S. Atomic Energy Comm'n
 (Apr. 17, 1947).)

3 132. The links between the Army's Edgewood Arsenal and the CIA were close. Many 4 scientists who worked at Edgewood, such as Dr. Ray Treichler, or under Edgewood contracts 5 were on the CIA's payroll. Importantly, the CIA funded Edgewood research for over 20 years. 6 The CIA financed, directed, and used the information derived from the tests at Edgewood for 7 their own purposes. At least three CIA officers were members of DOD's Committee on Medical 8 Sciences ("CMS") from 1948 until 1953. Reputedly, many of the Army officers running the 9 Edgewood experiments were actually CIA agents. DEFENDANTS did not comply with the 10 protocols established in the 1953 Wilson Directive or the Official Directives in their conduct of 11 the human experimentation program. Rather, DEFENDANTS continued to flagrantly, repeatedly 12 and deliberately flout the safeguards in the Official Directives and international law, depending 13 on secrecy to operate with impunity.

14 133. The 1963 CIA IG Report by J.S. Earman (see supra ¶ 114) listed the following 15 activities as having been "appropriate [for] investigation" under the MKULTRA charter: 16 radiation, electro-shock, various fields of psychology, psychiatry, sociology, anthropology, 17 graphology, harassment substances, and paramilitary devices and materials. (Exh. B at B-006.) 18 Ongoing activities as of 1963 included "projects in offensive/defensive [categories] BW, CW 19 [biological and chemical weapons] and radiation," "petroleum sabotage," "defoliants," and 20 "devices for remote measurement of physiological processes." (Exh. B at B-024.) The 1963 CIA 21 IG Report noted that "original charter documents specified that TSD [Technical Services 22 Division] maintain exacting control of MKULTRA activities," but that "redefinition of the scope 23 of MKULTRA is now appropriate." (Exh. B at B-006.)

134. Major program elements of MKULTRA and its progeny have never been publicly
revealed. For example, key parts of the 1963 CIA IG Report were redacted, including all
information concerning one of the two major MKULTRA programs. (Exh. B at B-003, B-005,
B-030, and B-033.)

28

FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

1	135. The 1963 CIA IG Report found that DEFENDANTS had pursued a policy of
2	"minimum documentation," which "precluded use of routine inspection procedures." (Exh. B at
3	B-007.) Only two individuals in TSD had "full substantive knowledge of the program, and most
4	of that knowledge is unrecorded." (Exh. B at B-008.)
5	136. The managers of MKULTRA concluded in 1955 that the "testing of materials
6	under accepted scientific procedures" would "fail[] to disclose the full pattern of reactions and
7	attributions that may occur in operational situations." Therefore, DEFENDANTS initiated a
8	"program for covert testing of materials on unwitting U.S. Citizens" in 1955. (Exh. B at B-008-
9	B-009.)
10	137. By the early 1960s MKULTRA had evolved into a "highly elaborated and
11	stabilized structure" (Exh. B at B-009), which was divided into the following key parts:
12	a. Securing new materials through "standing arrangements with specialists in
13	universities, pharmaceutical houses, hospitals, state and federal institutions, and private research
14	organizations." (Exh. B at B-009.) For example, using Dr. Charles F. Geschickter as a cover
15	under Subproject 35, the CIA secretly arranged for the financing and construction of a wing of the
16	Georgetown University Hospital in 1950 to provide a secure locale for clinical testing of
17	biological, radiological and chemical substances on human beings. (Advisory Committee on
18	Human Radiation Experiments (ACHRE), Interim Report of ACHRE (Oct. 21, 1994) at App. E.)
19	The so-called "Geschickter Fund for Medical Research" served as the "principal 'cut-out source'
20	for CIA's secret funding of numerous MKULTRA human experiment projects" (id. at FN 6), and
21	insured that the "Agency's [CIA's] sponsorship of sensitive research projects would be
22	completely deniable since no connection would exist between the University and Agency."
23	(Memorandum from Chief, Deputy Dir., Plans, Technical Servs. Section, CIA, to Dir. of Cent.
24	Intelligence (Allen Dulles) (Nov. 15, 1954) at Tab A (Subproject 35 - Project MKULTRA, T.S.
25	101077A).) A "cut-out" is a straw man or cover mechanism designed to hide the true ownership
26	or financing of an operation, project or activity. This arrangement became necessary when
27	researchers complained that existing cover mechanisms exposed scientists and other researchers
28	

FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page45 of 75

- 1 to "unnecessary and highly undesirable personal risk[s]" as their connection to the projects 2 "might seriously jeopardize their professional reputations." (Id.)

3 b. The CIA also financed studies by Dr. D. Ewen Cameron at the Department 4 of Psychiatry, McGill University, in the 1950s, which explored methods to erase memory and 5 rewrite the psyche, using patients being treated for conditions such as post-partum depression, 6 marital problems, and anxiety. Dr. Cameron used a combination of intense electro-shocks, 7 sensory deprivation, isolation, drugs such as LSD and insulin (to induce extended sleep). 8 Eventually, the subjects regressed to a vegetative, pre-verbal or infantile state. Once this 9 "depatterning" had occurred, Dr. Cameron forced patients to listen to repetitive pre-recorded 10 messages that contained principles intended to guide future behavior such as, "You are a good 11 mother," which he referred to as "psychic driving." Most of Dr. Cameron's patients emerged 12 from his therapies with more serious symptoms and problems, including memory loss, 13 hallucinations, intense anxiety, and loss of touch with reality. 14 c. Grants of funds were made "under ostensible research foundation auspices

15 to the specialists located in the public or quasi-public institutions," therefore "conceal[ing] from 16 the institution the interest of [the] CIA." (Exh. B at B-009.) "The system in effect 'buys a piece' 17 of the specialist in order to enlist his aid in pursuing the intelligence implications of his research," 18 including "systematic search of the scientific literature, procurement of materials, their 19 propagation, and the application of test dosages to animals and under some circumstances to 20 volunteer human subjects." (Exh. B at B-010.) This "funding of sensitive MKULTRA projects 21 by sterile grants in aid . . . [was] one of the principal controversial aspects of this program." 22 (Exh. B at B-010.) In addition to the CIA, the Department of Health, Education and Welfare, and 23 the Law Enforcement Assistance Administration provided funding for experiments involving 24 behavior modification and mind control.

25 d. The intensive testing of substances on human subjects by "physicians, 26 toxicologists, and other specialists in mental, narcotics and general hospitals and in prisons, who 27 are provided the products and findings of the basic research projects Where health permits, 28 test subjects are voluntary participants in the program." (Exh. B at B-011-B-012.). One series of FOURTH AMENDED COMPLAINT 44 CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page46 of 75

experiments on prisoners took place at the California Medical Facility at Vacaville, where
 psychiatrists administered anectine, a strong muscle relaxant which deprives the victim of all
 muscular control and arrests breathing, and induces strong sensations of suffocation and
 drowning.

5 e. The "final phase of testing of MKULTRA materials involves their 6 application to unwitting subjects in normal life settings." (Exh. B at B-012.) To accomplish this, 7 the CIA entered into an "informal arrangement" with individuals in the Bureau of Narcotics 8 ("FBN" - ("DEA")) in 1955 with the understanding that the FBN would "disclaim all knowledge 9 and responsibility in the event of a compromise." (Exh. B at B-013.) FBN operated safehouses 10 in both San Francisco and New York where they secretly administered experimental substances to 11 the patrons of prostitutes. (Exh. B at B-013-B-014; see also Project MKULTRA, The CIA's 12 Program of Research in Behavioral Modification, 95th Cong. (1977) at 57 (J. Gittinger), 115 (R. 13 Lashbrook, M.D.), and 184 (S. Gottlieb, M.D.).) The FBN maintained "close working relations" 14 with local police authorities which could be utilized to protect the activity in critical situations." 15 (Exh. B at B-015.) The brothel experiments were code-named "Operation Midnight Climax." 16 f. The final step in the "research and development sequence" was to 17 "deliver[] MKULTRA materials into the MKDELTA control system governing their employment 18 in clandestine operations." (Exh. B at B-015.) "The final stage of covert testing of materials on 19 unwitting subjects is clearly the most sensitive aspect of MKULTRA." (Exh. B at B-016.) 20 "Present practice is to maintain no records of the planning and approval of test programs." 21 (Exh. B at B-016.) 22 138. Ironically, the operational returns of MKULTRA were scanty. The products were 23 rarely used in field operations, and had limited success where used. (Exh. B at B-018-B-019; see 24 also Project MKULTRA, The CIA's Program of Research in Behavioral Modification, 95th Cong. 25 (1977) at 43.) "There is an extremely low rate of operational use of the controlled materials." 26 (Exh. B at B-023.) One of the reasons for nonuse was that "some case officers have basic moral 27 objections to the concept of MKDELTA and therefore refuse to use the materials." (Exh. B at 28 B-021-B-022.) FOURTH AMENDED COMPLAINT 45 CASE NO. CV 09-0037-CW sf-3201531

1 139. Under MKULTRA and its progeny, at least 1,000 "volunteers" were given up to 2 20 doses of LSD to test the drug as an interrogation weapon, even though the tests were known by 3 Edgewood scientists to result in serious physical and psychological problems. Dr. Van Sim, a 4 physician responsible for the human subjects used at Edgewood, previously worked at the British 5 Chemical Defense Establishment at Porton Down, where similar experiments had been conducted 6 on humans. After returning to the United States, Dr. Van Sim warned that the British 7 experiments had shown that "during acute LSD intoxication the subject is a potential danger to 8 himself and to others; in some instances a delayed and exceptionally severe response may take 9 place and be followed by serious after effects lasting several days." 10 140. Despite this knowledge, test subjects at Edgewood and elsewhere were given LSD

and other drugs and then sometimes subjected to hostile questioning. Moreover, the test subjects
were not given any specific information about the nature of the drugs they were receiving, which
exacerbated the state of the victims' anxiety while on mind-altering agents.

14 141. Some of the experiments at Edgewood and other sites were designed to replicate some of those that were conducted by Nazi doctors in concentration camps. American 15 16 psychiatrist Paul Hoch's experiments on mental patients in New York, where he was working on 17 Edgewood projects supervised by DEFENDANTS and as a CIA consultant, killed one patient 18 with a mescaline injection (Harold Blauer) and seriously injured another. As the federal judge 19 concluded in a case brought by Mr. Blauer's daughter, "the real reason Blauer died was not 20 medical incompetence in the administration of a therapeutic or diagnostic drug, but the fact that 21 he was used as a human guinea pig." Barrett v. United States, 660 F. Supp. 1291, 1308 22 (S.D.N.Y. 1987). MKULTRA's experiments also resulted in the death of Frank Olson, an Army 23 scientist who mysteriously fell out of a hotel window after members of the CIA secretly slipped 24 LSD into his drink. A 1994 GAO publication also notes that during the course of the extensive 25 radiological, chemical, and biological research programs conducted or sponsored by 26 DEFENDANTS, some participants died. (Frank C. Conahan, Assistant Comptroller Gen., U.S. 27 Gen. Accounting Office, Human Experimentation: An Overview on Cold War Era Programs,

28

FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

- Testimony Before The Legis. and National Security Subcomm. of the H. Comm. on Government
 Operations, GAO/T-NSIAD-94-266 (Sept. 28, 1994) at 1.)
- 142. Sporadic information regarding DEFENDANTS' activities began to circulate and
 the 1963 CIA IG Report recommended termination of unwitting testing. However, the CIA's
 Deputy Director for Research, Richard Helms, who later became the CIA Director, surreptitiously
 continued the program under a new name in 1964: MKSEARCH. The MKSEARCH project
 attempted, among other things, to produce a perfect truth serum for use in interrogating suspected
 Soviet spies during the Cold War, and generally to explore any other possibilities of mind control.
- 9 143. DEFENDANTS adopted a policy to create only "sparse documentation" of the
 10 projects, with a preference that results of experiments be "conveyed verbally." Nor did
 11 DEFENDANTS prepare adequate documentation of the medical records of test participants or
 12 follow-up to determine long-term health effects. "Present [CIA] practice is to maintain no
 13 records of the planning and approval of test programs." (Exh. B at B-016.) Medical records
- 14 regarding the exposure of hundreds of "volunteers" that were maintained by the Medical
- 15 Research Laboratory mysteriously disappeared in the 1960s. And, shortly before he left office in
- 16 1973, CIA Director Richard Helms authorized the destruction of the CIA's files regarding human
- 17 experimentation and Dr. Gottlieb's drug files, the intent of which was to prevent discovery of the
- 18 embarrassing and indefensible details of their crimes. As a result, most of the records
- 19 documenting the human experimentation program are not available.
- 20 144. The Court should draw adverse inferences from DEFENDANTS' document
- 21 destruction, redactions, spoliations, and other wrongful acts described herein.
- 145. DEFENDANTS also developed a protocol to classify any documents that referred
 to the human experimentation program based upon concerns that they might have "an adverse
 effect on public opinion or result in legal suits." (*See* 1947 Haywood memo, *supra* ¶ 131.)
- 25 DEFENDANTS also ordered that:

26

27

28

Precautions must be taken not only to protect operations from exposure to enemy forces but also to conceal these activities from the American public in general. The knowledge that the Agency [CIA] is engaging in unethical and illicit activities would have

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page49 of 75

1

2

serious repercussions in political and diplomatic circles and would be detrimental to the accomplishment of its mission.

(CIA Inspector General's Survey of Technical Servs. Div., 1957, as cited in S. Rep. No. 94-755 3 4 ("Church Committee Report"), Book 1, §XVII (1976) at 394; see Project MKULTRA, The CIA's Program of Research in Behavioral Modifications, 95th Cong. (1977) at 74.) A July 26, 1963 5 Memorandum to the CIA Director also concluded that "[t]he concepts involved in manipulating 6 human behavior are found by many people both within and outside the Agency [CIA] to be 7 distasteful and unethical." (Memorandum from J.S. Earman, Inspector General, CIA, to Dir. of 8 9 Cent. Intelligence (July 26, 1963) (attaching the 1963 CIA IG Report); see Exh. B at B-002.) 146. Documents from the CIA's "Family Jewels" declassified file establish that drugs 10 that had been rejected by private manufacturers were tested on soldiers at Edgewood. 11 Specifically, as explained in the CIA's own documents: "the reported [behavioral] drug was part 12 of a larger program in which the Agency had relations with commercial drug manufacturers, 13 whereby they passed on drugs rejected because of unfavorable side effects. The drugs were 14 screened with the use of ADP equipment, and those selected for experimentation were tested at 15 [redacted] using monkeys and mice. Materials of having [sic] further interest, as demonstrated by 16 this testing, were then tested at Edgewood, using volunteer members of the Armed Forces." 17 (Memorandum from WVB to Executive Sec'y, CIA Mgmt. Comm. (undated), "CIA Family 18 Jewels" at 00413.) 19 147. In the decades following the 1953 Wilson Directive, DEFENDANTS' human 20 experimentation program continued and rapidly expanded under a shifting series of secret code 21 names, changes that usually were adopted to facilitate statements by DEFENDANTS denying that 22 recent or earlier programs such as MKULTRA were ongoing, including the following: 23 DEFENDANTS changed the program name from MKULTRA to a. 24 MKSEARCH after release of the CIA IG's 1963 Report, which was highly critical of 25 MKULTRA; 26 27 28 FOURTH AMENDED COMPLAINT 48 CASE NO. CV 09-0037-CW sf-3201531

1	b. the OFTEN and CHICKWIT projects, jointly conducted by the Army and
2	CIA at the Edgewood Arsenal, but also funded by the CIA, which involved the collection of
3	information about foreign pharmaceuticals and experiments with human subjects;
4	c. the BLUEBIRD and ARTICHOKE projects, where DEFENDANTS
5	researched hypnosis, drugs such as sodium pentothal, the stimulant Desoxyn (methamphetamine),
6	and bulbocapnine (an alkaloid), which facilitate recovery of information under hypnosis, and
7	other substances that might aid in the interrogation of prisoners of war and defectors;
8	d. the MKDELTA project, a mind control research and development program
9	devised by DEFENDANTS that concentrated upon the use of biochemicals in clandestine
10	operations;
11	e. the MKNAOMI project, a successor to MKDELTA, which focused on the
12	research, testing, manufacture and means of diffusion or distribution of lethal and non-lethal
13	biological agents and materials;
14	f. the CHATTER project, which focused on the development and use of truth
15	serum and other interrogation drugs such as anabasis, aphylla, scopolamine, and mescaline; and
16	g. a series of related or follow-on projects with code names including
17	"PANDORA," "SPELLBINDER," "MONARCH," "SLEEPING BEAUTY," as well as others.
18	Hereinafter, DEFENDANTS' group of experiments and programs involving human subjects,
19	including DEFENDANTS' human experimentation conducted at Edgewood or under the
20	direction of Edgewood personnel, shall collectively be referred to as the "Human Test Series."
21	148. The MKULTRA and MKSEARCH project sponsors operated "safe houses" in
22	New York City and San Francisco, where drugs were surreptitiously administered to human
23	subjects lured to the site by prostitutes, and the effects were witnessed and/or recorded on film as
24	part of Subprojects 3, 16, 42, 132, and 149. Ray Treichler was a CIA Monitor for this operation.
25	On information and belief, DEFENDANTS "were engaged in the involuntary drugging of
26	unwitting suspects in San Francisco" in settings outside of these "safe houses" as well. See, e.g.,
27	Ritchie v. United States, No. C 00-03940 MHP, 2004 WL 1161171, at *1-2 (N.D. Cal. May 24,
28	2004). DEFENDANTS also operated in Mill Valley, California, as part of Subproject 42.
	FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531 49

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page51 of 75

1 Experiments also were conducted on aged veterans in VA domiciliaries. DEFENDANTS often 2 used surrogates in the private sector to perform many of these experiments.

3 149. DEFENDANTS formally launched Sub-Project 119 in 1960, the purpose of which 4 was to research, study, and interpret "bioelectric signals from the human organism, and activation 5 of human behavior by remote means." (Memorandum for the Record re MKLUTRA Subproject 6 119 from Technical Servs. Div., Research Branch, CIA (Aug. 17, 1960).) This Sub-Project 7 involved the installation of "permanent septal electrodes . . . to determine the locus in which 8 stimulations will produce specific reactions," first in animals and later in humans. (Proposal 9 Materials re MKULTRA Subproject 106, CIA (Jan. 1961) at 106-1.) The Army's own report of 10 the health effects of LSD experiments concluded in 1980 that: "Early experimental studies by 11 Monroe and Heath and associates using electrodes implanted deeply in the brains of human 12 subjects demonstrated the occurrence of spiking (epileptiform) activity in portions of the limbic 13 system (hippocampus, amygadala [sic] and septal area) in response to LSD administration." 14 (U.S. Army Med. Dep't, LSD Follow-Up Study Report (Oct. 1980) at 34-35.) DEFENDANTS' 15 research program continued under various other code names, including Subproject 106 (in 1962), 16 and others, and DEFENDANTS used an unidentified "cut-out and cover" to run the program and 17 to camouflage their role. DEFENDANTS classified this work as "Agency Top Secret," and 18 DEFENDANTS have either destroyed or classified the results of the Sub-Project 119 and 106 19 studies, as well as their progeny.

20 150. Dr. Jose Delgado began to research the use of pain and pleasure for mind control 21 during WWII. Later, as Director of Neuropsychiatry at Yale University Medical School, he 22 refined the design of his "transdermal stimulator," a computer controlled, remote neurologic 23 transceiver and aversion stimulator. Dr. Delgado was especially interested in Electronic 24 Stimulation of the Brain. Dr. Delgado discovered that he could wield enormous power over his 25 subject by implanting a small probe into the brain. Using a device he called the "stimoceiver," 26 which operated by FM radio waves, he was able to electrically orchestrate a wide range of human 27 emotions, including rage, pleasant sensations, elation, deep thoughtful concentration, odd 28 feelings, super relaxation (an essential precursor for deep hypnosis), colored visions or FOURTH AMENDED COMPLAINT 50 CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page52 of 75

hallucinations, lust, fatigue and various other responses. Dr. Delgado researched and perfected
many of his devices under the auspices of MKULTRA Sub-Project 95, in which he was joined by
Dr. Louis Jolyon West, who had mastered a technology called "RHIC-EDOM." RHIC means
"Radio Hypnotic Intracerebral Control," and EDOM means "Electronic Dissolution of Memory."
These implants could be stimulated to induce a post-hypnotic state. EDOM involves the creation
of "Missing Time" or the loss of memory.

7 151. Dr. Delgado ominously wrote: "The individual may think that the most important
8 reality is his own existence, but this is only his personal point of view.... This self-

9 importance ... lacks historical perspective. [The notion that man has] the right to develop his
10 own mind [is a] kind of liberal orientation [that] has great appeal, but ... its assumptions
11 are not supported ... by ... studies." (Jose M.R. Delgado, M.D., Physical Control of the Mind,

12 *Toward a Psychocivilized Society* (1969) at 236, 239 (emphasis added).)

13 152. Additional studies, conducted by Dr. Ewen Cameron and funded by the CIA, were
14 directed towards erasing memory and imposing new personalities on unwilling patients.
15 Cameron discovered that electroshock treatment caused amnesia. He set about a program that he
16 called "de-patterning," which had the effect of erasing the memory of selected patients. Further
17 work revealed that subjects could be transformed into a virtual blank machine (Tabula Rasa) and
18 then be re-programmed with a technique which he termed "psychic driving."

19 From 1965 through to 1970, Defense Advanced Projects Research Agency 153. 20 (DARPA), with up to 70-80% funding provided by the military, set in motion operation 21 PANDORA to study the health and psychological effects of low intensity microwaves with regard 22 to the so-called "Moscow signal." This project appears to have been quite extensive and included 23 (under U.S. Navy funding) studies demonstrating how to induce heart seizures, create leaks in the 24 blood/brain barrier and production of auditory hallucinations. Despite attempts to render the 25 Pandora program invisible to scrutiny, FOIA filings revealed memoranda of Richard Cesaro, 26 Director of DARPA, which confirmed that the program's initial goal was to discover whether a 27 carefully controlled microwave signal could control the mind. Cesaro urged that these studies be 28 made for potential weapons applications.

FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531 1 154. The CIA financed further studies and subprojects under Project MKULTRA that
 2 took place at Stanford University in Palo Alto, California, between 1953 and at least 1962. These
 3 studies included:

3	studies included.
4	• Subproject 2 (1953-1958): to study the "synergistic action of drugs which may be
5	appropriate for use in abolishing consciousness through animal experimentation"
6	(referred to as the "knockout" problem) and a "survey of methods to enable the
7	administration of drugs to patients without their knowledge." Animal testing was
8	indicated in Subproject 2 proposals "as a precondition to human testing."
9	• Subproject 56 (1956-1960): to study the "effectiveness of sympathominetic drugs
10	in delaying" alcohol absorption.
11	• Subproject 70 (1957-1961): to develop a "temporary incapacitating drug" and
12	"define mechanisms involved in producing involuntary sleep and related
13	unconscious states" (referred to as the "K problem"). Ray Treichler served as a
14	CIA Monitor for Subproject 70.
15	• Subproject 71 (1957-1961): to conduct "clinical testing and evaluation of anti-
16	interrogation drugs" and develop a "miniaturized polygraph."
17	• Subproject 72 (1956-57): to study "neurophysiologic and pharmacological effects
18	of central nervous system antagonists and synergists."
19	• Subproject 85 (1958-1959): to establish and substantiate the "true identity" of
20	individuals through blood groupings.
21	• Subproject 86 (1958-1959): to design and build miniature polygraph machines for
22	potential use on unwitting subjects.
23	• Subproject 91 (1959-1962): to perform "pre-clinical pharmacological studies
24	required to develop new psychochemicals and to test the promising drugs" on
25	animals. Ray Treichler was a CIA Monitor for Subproject 91.
26	The CIA spent more than half a million dollars funding these projects. On information and belief,
27	additional MKULTRA projects funded by the CIA took place at St. Francis Memorial Hospital in
28	San Francisco (Subprojects 124 and 140) and at Menlo Park Veterans Hospital.
	FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531 52

1	155. Notwithstanding the international standards identified above, DEFENDANTS'
2	experiments on human subjects were conducted shrouded in secrecy, and have been characterized
3	by stealth, evasion, treachery, and deceit. Most of the subjects have been collected under
4	programs that operate under the umbrella of "non-lethal" or "less than lethal" weapons, and
5	include a wide assortment of different technologies based upon electro-magnetic radiation,
6	microwaves, lasers, infrasound, acoustic and polysound generators, and others.
7	3. Secrecy Oaths
8	156. "Volunteers" in the Edgewood and other experiments were in most instances
9	required to sign a statement agreeing that they would:
10	not divulge or make available any information related to U.S. Army
11	Intelligence Center interest or participation in the [volunteer program] to any individual, nation, organization, business,
12	association, or other group or entity, not officially authorized to receive such information. I understand that any action contrary to the promises of this statement will render me liable to punishment
13	under the provisions of the Uniform Code of Military Justice.
14	The "volunteers," including many or all of the Individual Plaintiffs, were also generally forced to
15	sign forms consenting to the videotaping of the experiments.
16	157. In fact, DEFENDANTS' form misled the "volunteers" by implying that the
17	Uniform Code of Military Justice applied to them after their discharge from service.
18	158. The existence of their secrecy oaths not only interfered with participants' ability to
19	obtain health care and other necessary services, but to seek redress or assert claims. For example,
20	during telephone counseling hours over the years, Swords has provided initial counseling services
21	to multiple Vietnam-era veterans who were unwilling to share information relevant to possible
22	VA claims because of perceived secrecy obligations. In many cases, these secrecy obligations
23	hindered Swords' efforts to provide — and in some cases prevented Swords from being able to
24	provide — comprehensive legal services to these veterans.
25	159. In 2003, the VA concluded that "most of the volunteer subjects of these
26	experiments conducted by the U.S. Military were told at the time that they should never reveal the
27	nature of the experiments, and apparently, almost to a man, they kept this secret for the next 40 or
28	more years."
	FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531 53

1 160. In approximately September 2006, some, but not all, Edgewood recipients,
 2 received form letters from the VA advising them that notwithstanding their secrecy oaths, the
 3 DOD had authorized them to discuss exposure information with their health care providers, but
 4 warning them not to "discuss anything that relates to operational information that might reveal
 5 chemical or biological warfare vulnerabilities or capabilities." In addition, the DOD has
 6 maintained a web site that contains incomplete and misleading information concerning the human
 7 experimentation program.

8

4. Purported "Consent" by Human Test Subjects

9 161. Many "volunteers" used as test subjects at Edgewood and elsewhere were duped
10 into volunteering to test chemical warfare clothing and gas masks and instead were secretly given
11 nerve gas, psychochemicals, incapacitating agents, and hundreds of other dangerous drugs. The
12 "volunteers" were given no information about the chemicals used on them in the experiments, no
13 warning as to the potential health risks, and no or inadequate follow-up health care to determine
14 the effects (and resulting injuries) caused by the tests — despite the government's knowledge and
15 conclusion that informed, voluntary consent was necessary.

16 162. Indeed, informed consent was precluded by DEFENDANTS' own plan, which
17 noted that "[c]are should be exercised not to mention to the prospect the exact properties of the
18 material that lends itself to intelligence application." Moreover, DEFENDANTS withheld
19 information from the "volunteers" concerning health problems that they had discovered from
20 examinations and tests at Edgewood, and Edgewood medical records for participants were
21 separated from the participants' service medical files, and kept under lock and key.

163. The Medical Volunteer Handbook of the U.S. Army purportedly given to test
participants in the late 1950s and 1960s falsely represented that the tests involved "non-hazardous
exposure to compounds as well as the evaluation of methods, procedures and equipment utilized
by the soldier in the field." (U.S. Army Chemical Warfare Labs., U.S. Army Chemical Center,
MD, The Medical Research Volunteer Program (U), CWL Special Pub. 2-13 (June 1958) at 1.)
DEFENDANTS' policy toward uncooperative "volunteers" was reflected in a publication

28

FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page56 of 75

1 distributed to the "volunteers" entitled "What is Expected of a Volunteer," the 1972 edition of 2 which stated: 3 It is essential that you show up on time for admission to the wards and for testing As for the testing, this of course is what you 4 are here for Failure to show up on time for admission or the test will usually result in your being returned to your permanent 5 duty station. 164. The Army's Inspector General concluded that although there was evidence that 6 7 some form of the informed consent policy was eventually made known to commanders and 8 investigators working with human subjects, often in practice "consent was relegated to a simple, 9 all-purpose statement to be signed by the volunteer." (1976 Army IG Report at 78.) Further, 10 even in instances where a more detailed form was used, "the intent of the informed consent policy 11 did not appear to have been fulfilled, since the revised form did not require disclosure of the 12 chemical agent to be used or the full effects of the drug, nor did the publication appended to the 13 volunteer agreement form contain that information." (Id. at 80.) 14 The Inspector General noted that although, with few exceptions, human subjects 165. 15 who were used for chemical testing had technically "volunteered," the issue was "not whether the 16 subjects volunteered, but whether they were provided sufficient information to permit an 17 enlightened decision." (Id. at 82.) On this point, the Inspector General's report concluded: 18 "volunteers were not fully informed, as required, prior to their participation; and the methods for 19 procuring their services, in many cases, appeared not to have been in accord with the intent of the 20 Department of the Army policies governing the use of volunteers in research." (Id. at 87.) 21 Indeed, "in spite of the clear guidelines concerning the necessity for 'informed consent,' there 22 was a willingness to dilute and in some cases negate the intent of the policy." (Id. at 40.) The 23 consents signed by "volunteers" included the words "I certify that ... I [am] completely aware 24 of all hazards." Yet, DEFENDANTS have admitted that even they were not aware of such 25 hazards. 26 Further, the Army Inspector General's findings regarding consent at Edgewood 166. 27 were even more troubling. The report noted that "in most cases the [participation] agreement was

28

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page57 of 75

usually signed before the subject was selected for a specific agent test. Therefore, it was not
 likely that meaningful information regarding all hazards to his health were provided the volunteer
 prior to his signing the participation agreement." (*Id.* at 84.) Indeed, one of the purposes of the
 experimentation was to learn about health effects on humans, in areas which were previously
 unknown.

Indeed, in designing their LSD studies in 1956, the Army attempted to avoid the
impact of "suggestion" or "placebo" effect on the observed effects by insuring that at least one
control group administered LSD-25 be neither given a training lecture nor provided any
information on the drug being administered.

10 168. Another problem with the purported "consent" by volunteers was that 11 "inducements were offered to persuade the soldier[s] to volunteer." (Id. at 85.) The Inspector 12 General identified examples of such inducements, including: a promise of a 3-day pass each 13 weekend; better living and recreational accommodations than normally available; a guaranteed 14 letter of commendation that would be placed in the volunteer's official personnel file; and a sense 15 of patriotic contribution to the nation's national security. (Id. at 85.) The report noted that such 16 inducements "represented substantial rewards" in the 1950s and 1960s. (Id. at 85.) These 17 inducements were used to influence the prospective subject's decision by offering special 18 privileges or rewards and thus, were contrary to the guidelines, which stated that informed 19 consent should be given without influence over the volunteer's free choice. The "volunteers" 20 were drawn from troops located at Army bases throughout the country. Plaintiffs believe, and 21 expect that discovery will confirm, that these inducements were offered to — and material 22 misstatements of fact concerning DEFENDANTS' human experimentation program were made 23 to — troops located within this District and that DEFENDANTS drew "volunteers" from this 24 District for their human experimentation programs. For instance, discovery to-date has revealed 25 that in 2006 the VA sent 135 notification letters to California veterans of DEFENDANTS' human 26 experimentation programs. 27 A 1993 GAO Report acknowledged that "[m]ilitary procedures have long required 169.

28 that the volunteers be fully informed of the nature of the studies in which they participate and the FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page58 of 75

1	foreseeable risks. However, prior to 1975, these procedures were not always followed." (U.S.
2	Gen. Accounting Office, Veterans Disability: Information from the Military May help VA Assess
3	Claims Related to Secret Tests, GAO/NSIAD-93-89 (Feb. 1993) at 2; see also Frank C. Conahan,
4	Assistant Comptroller Gen., U.S. Gen. Accounting Office, Human Experimentation: An
5	Overview on Cold War Era Programs, Testimony Before The Legis. and National Security
6	Subcomm. of the H. Comm. on Government Operations, GAO/T-NSIAD-94-266 (Sept. 28, 1994)
7	at 2, 10.)
8	170. In 2003, the VA admitted that "[i]t would be naive to assume that there will be no
9	lapses in compliance with human subjects protections in future studies involving human
10	subjects."
11	171. DEFENDANTS have admitted that a number of their research projects were
12	conducted "without knowledge of the host system or on unwitting subjects." (Memorandum for
13	the Record from William V. Broe, Inspector General, CIA, to Dir. of Cent. Intelligence (May 23,
14	1973), "CIA Family Jewels" at 00402.)
15	172. The consents purportedly signed by "volunteer" soldiers were ineffective for
16	multiple reasons including fraud in the inducement, lack of disclosure of the substances involved
17	in the experiments, lack of specificity, duress and others. These purported "volunteer" test
18	subjects were not told which drugs and the drug doses that they were given, what side effects to
19	expect, and were never fully informed of the extreme physical and psychological effects these
20	drugs would have on them.
21	173. DEFENDANTS have failed and refused to supply all available information to the
22	VA concerning the exposures of "volunteers" who have filed or whose survivors have filed
23	claims for service-connected death or disability compensation, or advised the VA that relevant
24	records of participation had been destroyed, thereby thwarting or compromising the success of
25	many claims.
26	
27	
28	
	FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW 57

sf-3201531

1 **III.**

2

. CLASS ACTION ALLEGATIONS

A. Class Definition

3	174. The proposed Plaintiff class for purposes of all claims includes all veterans who
4	were involved in the Human Test Series (hereinafter the "Proposed Class Members"). The
5	proposed class does not include participants in Project 112/SHAD ("Shipboard and Hazard
6	Defense), a separate program directed by the U.S. Army Deseret Test Center. Project 112/SHAD
7	was conducted on ships and land to test the vulnerability of ships to chemical and biological
8	attacks, and, with respect to tests on land, to determine how biological and chemical weapons
9	would be affected by climate. Although members of the military were exposed to hazardous
10	biological and chemical substances during Project 112/SHAD, the principal purpose of the
11	program was not to test the effects of biological and chemical weapons upon human subjects, as
12	were the veterans involved in the Human Test Series.
13	175. The proposed class representatives are Plaintiffs VVA and Swords to Plowshares,
14	the Organizational Plaintiffs in this action.
15	176. Plaintiffs reserve the right to amend this Complaint to add additional class
16	representatives, either before or after a Motion to Certify the Class, subject to the provisions of
17	Rule 15 of the Federal Rules of Civil Procedure.
18	B. Presence of Common Issues of Fact or Law
19	177. The members of the Proposed Class are so numerous that joinder of all members is
20	impracticable.
21	178. There are material questions of law and fact common to the proposed class,
22	including but not limited to the following:
23	a. The constitutionality of DEFENDANTS' actions and activities recited
24	above;
25	b. DEFENDANTS' failures to notify and timely provide medical care to the
26	Proposed Class Members;
27	c. Whether DEFENDANTS have complied with the Official Directives
28	and/or international law;
	FOURTH AMENDED COMPLAINT58CASE NO. CV 09-0037-CW58sf-320153158

1	d. Whether the consent forms signed by the Proposed Class Members
2	respecting the Human Test Series were effective or not;
3	e. Whether the Proposed Class Members are bound by secrecy oaths;
4	f. Whether DEFENDANTS are currently conducting human experiments
5	with human subjects in violation of the Official Directives and/or international law, and, to the
6	extent they are, whether injunctive relief should be awarded to Plaintiffs; and,
7	g. The applicability and effectiveness of certain defenses asserted by
8	DEFENDANTS to the claims raised in this action, including subject matter jurisdiction, standing,
9	sovereign immunity, statute of limitations, and others, and applicability of the doctrine of
10	equitable estoppel and any other arguments advanced by Plaintiffs.
11	179. The claims of the members of or constituencies served by the Organizational
12	Plaintiffs are typical of the claims of the Proposed Class Members, and the proposed class
13	representatives will fairly and adequately protect the interests of the class.
14	180. The prosecution of separate actions by various members of the class would create
15	a risk:
16	a. of inconsistent or varying adjudications with respect to Proposed Class
17	Members that would establish incompatible standards of conduct for DEFENDANTS; and
18	b. that adjudications with respect to individual Proposed Class Members
19	would, as a practical matter, be dispositive of the interests of Proposed Class Members who are
20	not parties to such adjudications or substantially impair or impede their ability to protect their
21	interests.
22	181. DEFENDANTS have acted and/or refused to act on grounds generally applicable
23	to the Proposed Class Members, thereby making appropriate final injunctive relief and/or
24	declaratory relief with respect to the Proposed Class Members as a whole.
25	FIRST CLAIM FOR RELIEF
26	(Declaratory Relief as to All Plaintiffs)
27	182. Plaintiffs reallege and incorporate herein by reference as though fully set forth,
28	each and every allegation contained in Paragraphs 1 through 181 of this Complaint, subject to this
	FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page61 of 75

1 Court's rulings in its January 19, 2010 Order Granting in Part and Denying in Part Defendants' 2 Motions to Dismiss and Denying Defendants' Alternative Motion for Summary Judgment 3 (Docket No. 59). 4 183. Plaintiffs seek a declaration that the consent forms signed by Plaintiffs are not 5 valid or enforceable; that Plaintiffs are released from any obligations or penalties under their 6 secrecy oaths; that DEFENDANTS are obligated to notify Plaintiffs and other test participants 7 and provide all available documents and evidence concerning their exposures and known health 8 effects; and, finally, that DEFENDANTS are obligated to confer the medical care promised to 9 Plaintiffs, and the other relief prayed for above. 10 A present controversy exists between Plaintiffs and DEFENDANTS concerning 184. 11 the foregoing, and Plaintiffs contend and DEFENDANTS deny that: 12 DEFENDANTS have unconstitutionally infringed on Plaintiffs' life, a. 13 property and liberty rights protected by the Due Process Clause of the Fifth Amendment to the 14 United States Constitution, which provides that "No person shall . . . be deprived of life, liberty or 15 property without due process of law," and upon Plaintiffs' right to privacy; 16 b. DEFENDANTS have failed to comply with the 1953 Wilson Directive and 17 the Official Directives; 18 c. The "consents," if any, obtained from Plaintiffs and other test subjects were 19 invalid or not enforceable; 20 d. Plaintiffs are not bound by the secrecy oaths they took, and that such oaths 21 are invalid; and 22 e. DEFENDANTS must fully comply with their duty to locate and warn all 23 test participants. 24 185. A present controversy exists between Plaintiffs and DEFENDANTS in that 25 Plaintiffs contend and DEFENDANTS deny that DEFENDANTS violated Plaintiffs' rights under 26 the First, Fourth, Fifth and Ninth Amendments by committing the wrongful acts alleged herein. 27 186. A present controversy exists between Plaintiffs and DEFENDANTS in that 28 Plaintiffs contend and DEFENDANTS deny that DEFENDANTS violated Plaintiffs' property FOURTH AMENDED COMPLAINT 60 CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page62 of 75

and liberty rights protected by the Due Process Clause of the Fifth Amendment to the United
 States Constitution by concealing (and continuing to conceal) the extent and nature of the tests
 conducted on Plaintiffs and the known or suspected effects of such experiments, and failing to
 provide adequate medical treatment to Plaintiffs after Plaintiffs were discharged from the
 military.

6 187. The Court should issue a declaration stating that DEFENDANTS must fully
7 disclose to Plaintiffs complete medical information concerning all tests conducted on Plaintiffs
8 (including any results thereof), as well as the other relief prayed for above, and stating that
9 DEFENDANTS' duty to provide Plaintiffs with all necessary medical treatment on an ongoing
10 basis is mandatory.

11

12

<u>SECOND CLAIM FOR RELIEF</u> (Injunctive Relief as to All Plaintiffs)

13 188. Plaintiffs reallege and incorporate herein by reference as though fully set forth, 14 each and every allegation contained in Paragraphs 1 through 187 of this Complaint, subject to this 15 Court's rulings in its January 19, 2010 Order Granting in Part and Denying in Part Defendants' 16 Motions to Dismiss and Denying Defendants' Alternative Motion for Summary Judgment 17 (Docket No. 59). 18 189. Plaintiffs seek injunctive relief enjoining DEFENDANTS, and anyone in concert 19 with them, from failing and refusing to do the following: 20 Notify Plaintiffs and all "volunteers" of the details of their participation in a.

a. Notify Plaintin's and all volumeers of the details of their participation in
 human experimentation programs and provide them with full documentation of the experiments
 done on them and all known or suspected health effects;

b. Conduct a thorough search of all available document repositories and
archives, and other sources, and provide victims with all available documentation concerning the
details and conduct of the human experimentation program and known or suspected health
effects;

- 27
- 28

	Case4:09-cv-00037-CW Document486 Filed10/03/12 Page63 of 75
1	c. Provide examinations and medical care and treatment to all participants in
2	the MKULTRA, Edgewood, and other human experiments with respect to any disease or
3	condition that may be linked to their exposures;
4	d. Supply all available information to the VA with respect to any past,
5	existing or future claims for service-connected death or disability compensation based on
6	DEFENDANTS' human experimentation programs; and
7	e. To the extent violations have continued, to cease committing any violations
8	of the Official Directives or international law.
9	THIRD CLAIM FOR RELIEF BY ADDITIONAL INDIVIDUAL PLAINTIFFS AGAINST
10	ORIGINAL DEFENDANTS (Declaratory and Injunctive Relief)
11	100 Disintiffs maile as and in comparate barrin by reference as they ab fully set forth
12	190. Plaintiffs reallege and incorporate herein by reference as though fully set forth,
13	each and every allegation contained in Paragraphs 1 through 189 of this Complaint, subject to this
14	Court's rulings in its January 19, 2010 Order Granting in Part and Denying in Part Defendants'
15	Motions to Dismiss and Denying Defendants' Alternative Motion for Summary Judgment
16	(Docket No. 59), and in its November 15, 2010 Order Granting in Part and Denying in Part
17	Plaintiffs' Motion for Leave to File Third Amended Complaint (Docket No. 177).
18	<u>Wray C. Forrest</u>
19	191. Former Plaintiff Wray Forrest passed away on August 31, 2010. By leave of this
20	Court, as set forth in its November 15, 2010 Order, two additional Plaintiffs are being added.
21	<u>Tim Michael Josephs</u>
22	192. Plaintiff TIM MICHAEL JOSEPHS ("Mr. Josephs") joined the U.S. Army in
23	January 1967, after graduating from high school. Mr. Josephs was assigned to duty at Edgewood
23 24	Arsenal for approximately two months in 1968 — from January 1, 1968, to February 29, 1968.
2 4 25	Before being assigned to Edgewood Arsenal, Mr. Josephs went through basic training and
	advanced infantry training, and then attended Officer Candidate School for a few months.
26 27	
27	
28	FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531 62

1 193. After Officer Candidate School, Mr. Josephs was assigned to a holding company,
 which is a temporary assignment, at Fort Benning, but he anticipated the likelihood that he would
 be deployed to Vietnam.

In late 1967, Mr. Josephs saw a flyer looking for volunteers to serve at Edgewood.
He was told, via an announcement at his morning formation, that volunteers at Edgewood would
be testing gas masks, boots, and other clothing, and there were no risks associated with the
assignment. In fact, he was told that service at Edgewood was an "elite" opportunity that he
would have to apply for and not necessarily be accepted. Because Edgewood was relatively close
to his hometown of Pittsburgh, Pennsylvania, Mr. Josephs believed that service there would allow
him to visit home more often.

11 195. He was promised weekends off, but does not recall other benefits that might have
12 been promised. However, he later received a letter of commendation from Dr. Frederick Sidell,
13 presumably upon completion of his assignment at Edgewood.

14 196. Once he arrived at Edgewood, Mr. Josephs was asked to sign a participation
15 agreement on January 3, 1968, which is a general consent form that did not state any information
16 about the drugs or substances to be given. He was also never warned of any potentially
17 detrimental health effects associated with the testing. Although the agreement references a
18 document entitled "Medical Research Volunteer Program" that was purportedly "annexed" to the
19 agreement, no such document existed. Mr. Josephs never received any documents explaining the
20 details of the Edgewood assignment.

21 197. In fact, the instructions Mr. Josephs did receive were that he would "pay for it" if
22 he ever tried to quit his assignment at Edgewood, and that he was not ever to talk about
23 Edgewood with anyone.

24 198. The day after Mr. Josephs signed his agreement, he went through a battery of
25 physical and mental evaluations before being used as a test subject, although he no longer recalls
26 the details surrounding those initial evaluations.

27

28

199. While at Edgewood, Mr. Josephs was subjected to tests approximately once per week. During some tests, he was injected with substances that were unknown to him at the time.

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page65 of 75

Following the injections, the Edgewood staff personnel typically would observe him for a period
 of time, often several hours and sometimes it would span multiple days. Mr. Josephs may have
 participated in tests that required him to wear gas masks while being exposed to chemicals in gas
 chambers.

5 200. Mr. Josephs was required to carry a special card that provided instructions to call 6 Edgewood if he experienced a medical emergency while off base during weekends. However, he 7 does not recall what he told his family and friends during his visits to them on the weekends 8 about what he was doing at Edgewood, or why he had to carry a card with instructions regarding 9 potential medical emergencies.

201. Long after the completion of his assignment at Edgewood, Mr. Josephs first
discovered that he received at least the following chemicals and/or derivatives thereof, as
indicated in his medical records and/or correspondence from the government: pyridine-2aldoxime methane sulfate (a derivative of 2-PAM), also known as P2S, scopolamine, Prolixin,
Congentin, and Artane.

15 202. Moreover, Mr. Josephs' medical files indicated that the experiment in which he
16 was given 9 grams of P2S on February 1, 1968, was to treat "organophosphorous poisoning,"
17 which results from exposure to anticholinesterase agents such as nerve gas and pesticides. This
18 indicates that Mr. Josephs likely received injections of nerve gas such as sarin, and/or pesticides
19 such as dioxin, prior to receiving a high dose of P2S.

20 203. During one of the experiments on February 19-21, 1968, after Mr. Josephs was
21 given Prolixin, he had an apparent reaction that produced symptoms akin to those of Parkinson's
22 disease, including tremors. According to his medical files, the doctor on staff used drugs that
23 were normally used to treat Parkinson's disease (i.e., Congentin and Artane) to treat him, and his
24 symptoms subsided.

25 204. Upon leaving Edgewood Arsenal at the end of February 1968, Mr. Josephs was
26 debriefed by government personnel. Mr. Josephs was warned to never talk about his experiences
27 at Edgewood, and to forget about everything that he ever did, said, or heard at Edgewood.

28

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page66 of 75

205. Mr. Josephs has a copy of a "class picture" from Edgewood, consisting of
 volunteers who served at Edgewood at or around the same time he did. He recognizes the
 volunteer seated next to him in the picture, but does not recall his name. He also does not
 remember anyone else in the picture.

5 206. A few days after leaving Edgewood, Mr. Josephs returned to Fort Benning. His
6 medical records show that he required medication for "nerves." He also recalls "not feeling
7 himself," nervous and "shaky" for a while after returning to Fort Benning.

8 207. After a short stint at Fort Benning, Mr. Josephs served in Thailand for about one
9 year, prior to being honorably discharged from the service in August of 1969, at which time
10 Mr. Josephs returned home to Pittsburgh. Based upon his instructions, Mr. Josephs did not tell
11 anyone about what happened at Edgewood.

- 208. Since being discharged from the military, Mr. Josephs has been contacted by the
 government representatives on several occasions. For example, in 1975, he was contacted by the
 government for the completion of a questionnaire to assess his general health.
- 15 209. Mr. Josephs decided to try to find out more about his experiences at Edgewood 16 and what actually happened there, so he drafted a letter to the government to find out what 17 substances he was exposed to while at Edgewood. On September 17, 1975, Mr. Josephs received 18 a letter from Dr. C. McClure, Director of Biomedical Laboratory, informing him of the names of 19 three of the substances to which he was exposed, none of which he had ever heard of: pyridine-2-20 aldoxime methane sulfate, scopolamine, and Prolixin. As Mr. Josephs was still in good health at 21 the time, he did not follow up with the government further. Mr. Josephs' records do not show any 22 contacts between the government and him regarding his services at Edgewood between 1976 and 23 2000.

24 210. However, in 2000 and then 2001, Mr. Josephs received additional surveys from the
25 government which asked questions about his state of health. It was then Mr. Josephs requested
26 his file relating to the experiments he had undergone at Edgewood, which discussed various other
27 substances (i.e., Congentin and Artane, and possibly also nerve gas and/or pesticides) to which he

28

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page67 of 75

was exposed during his time at Edgewood. The government never warned him, at any time,
 about the possible health effects of his exposures at Edgewood.

2

3 211. Mr. Josephs' health has deteriorated rapidly in the last several years, which has 4 made it difficult for him to investigate what happened at Edgewood, and to assess possible links 5 to his health problems. In 2004, he was diagnosed with Parkinson's disease, which he recently 6 learned has some sort of an association with the chemicals he was exposed to at Edgewood. He 7 also suffered two "small strokes" (as told by his doctor, Dr. Nicolaas Bohnen), which may have 8 resulted from exposure to the chemicals at Edgewood. In addition, he currently suffers from 9 hypertension, which may have been caused by his exposure to P2S. Mr. Josephs' medical records 10 show that he had received a very high dose (9 grams) of P2S while at Edgewood, a dose much 11 higher than the low doses (of 2 PAM, of which P2S is a derivative) found to cause hypertension 12 in recent studies.

13 212. Mr. Josephs sought benefits through the VA in the fall of 2009, but was notified
14 via mail by the VA regional office in Baltimore that he was not eligible because his family
15 income was too high. However, the substantial out-of-pocket medical expenses, including cost of
16 his treatments and prescription drugs, has been a financial burden to Mr. Josephs and his wife.

17 213. The account in this Fourth Amended Complaint has been compiled from memories
18 and fragments of Mr. Josephs' own recollection, earlier discussions with his wife, the results of
19 his wife's research, as well as portions of his available military records.

20

<u>William Blazinski</u>

21 214. Plaintiff WILLIAM BLAZINSKI ("Mr. Blazinski") was drafted into the Army and
22 began service on October 4, 1966, at the age of 19. He was stationed at Edgewood Arsenal for a
23 60-day tour from March 1, 1968, to April 30, 1968. Before being assigned to Edgewood,

Mr. Blazinski was stationed at Fort Sill, Oklahoma. He was trained as an infantryman, but also
served in the 85th Missile Detachment.

 26 215. While stationed at Fort Sill, Mr. Blazinski attended a presentation by personnel
 27 from Edgewood, who were recruiting test subjects to test substances and/or equipment. In
 28 exchange for participating, volunteers were promised that they would have three-day weekend
 FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page68 of 75

passes and no duties (i.e., guard or KP duties) beyond participation in tests. Mr. Blazinski agreed
 to participate, believing that he was "doing the right thing" by doing so.

3

4

5

6

7

8

216. After volunteering, Mr. Blazinski underwent a "mental stability" test and a physical at Fort Sill. At that time or shortly after arriving at Edgewood, he completed numerous forms, including a "participation agreement." To his recollection, Mr. Blazinski never received a Volunteer Handbook. While Mr. Blazinski does not remember signing a security non-disclosure form, he was told repeatedly that the experiments were top-secret and that he could not disclose anything about what happened there to anyone. He became Volunteer Number 5031.

9 Mr. Blazinski participated in at least five experiments at Edgewood. During three 217. 10 of them, he was gassed with types of chlorobenzylidene malononitrile ("CS," commonly known 11 as tear gas). Mr. Blazinski was told that the gas was being deployed in Vietnam and that, after 12 being dropped in enemy tunnels, "nobody was coming out." During these gas experiments, 13 Mr. Blazinski and other participants were instructed to remain in a gas chamber for as long as 14 possible while being exposed to CS gas. During each CS test, he managed to tolerate the 15 exposure for ten minutes as his eyes watered, his nose burned, and he choked before being 16 removed from the chamber.

17 218. In another experiment, Mr. Blazinski was told that he was testing an agent and its 18 antidote and that he would lose his eyesight temporarily during the test. Instead, he was placed in 19 a padded room and given scopolamine, an experimental antidote for nerve-agent poisoning that 20 causes harmful side effects, and another drug, physostigmine, to test its ability to reverse 21 scopolamine's effects. After a short time, he suddenly noticed that the wall was "fluttering" like 22 a flag in the sky, and he began having severe vision problems. He could not distinguish between 23 his fingers when holding his hand in front of his face; his hand looked "webbed." He was then 24 taken to another room where he was given math and mechanical tests that he had previously 25 taken. Mr. Blazinski lacked the focus to perform the math test and the dexterity to perform the 26 mechanical test. He was given thick glasses to help him see. Mr. Blazinski was then taken to 27 lunch. When given a plate of peas, the peas looked like one green mass, and he was unable to 28 feed himself without assistance.

FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page69 of 75

1	219. During a fifth experiment, described to him at the time as a "communications			
2	system" test, electrodes were attached to Mr. Blazinski and electrical charges ran through his			
3	body, causing pain like pinpricks. Years later, Mr. Blazinski would learn that it had actually been			
4	a drug experiment and that he may have been part of a control group.			
5	220. Mr. Blazinski returned to Fort Sill to complete his military obligation and was			
6	discharged from the Army on October 3, 1968.			
7	221. In 2008, Mr. Blazinski was diagnosed with chronic lymphocytic leukemia an			
8 ulcerative colitis. He never told any doctor about his time at Edgewood until after tho				
9	diagnoses. He also suffers from high blood pressure and eczema. Mr. Blazinski applied for VA			
10	disability benefits in 2008, but was denied.			
11	222. The additional individual Plaintiffs in this Claim for Relief seek the same forms of			
12	relief as the original Plaintiffs. Together with one or more of the original Plaintiffs, Plaintiffs			
13	may seek court approval for the Additional Plaintiffs to serve as class representatives.			
14	FOURTH CLAIM FOR RELIEF BY VVA AND ALL INDIVIDUAL PLAINTIFFS			
15	AGAINST DVA AND SECRETARY SHINSEKI (Declaratory and Injunctive Relief)			
16	223. Plaintiffs reallege and incorporate herein by reference as though fully set forth,			
17				
18	each and every allegation contained in Paragraphs 1 through 222 of this Complaint, subject to the			
19	Court's rulings in its January 19, 2010, Order Granting in Part and Denying in Part Defendants'			
20	Motions to Dismiss and Denying Defendants' Alternative Motion for Summary Judgment			
21	(Docket No. 59).			
22	Defendant Department of Veterans Affairs			
23	224. Defendant DEPARTMENT OF VETERANS AFFAIRS ("DVA") is the federal			
24	agency responsible for providing service-connected death and disability compensation			
25	("SCDDC") and free, priority health care for our nation's veterans (and their survivors) who			
26	become disabled or die in their service to our country. The Veterans Benefits Administration			
20 27	("VBA") is the branch of DVA responsible for the administration of veterans' benefits, including			
28	SCDDC, while the Veterans Health Administration ("VHA") is responsible for providing free			
	FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531 68			

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page70 of 75

health care to disabled veterans on a priority basis. Defendant ERIC K. SHINSEKI is the United
 States Secretary of Veterans Affairs, and is named herein solely in his official capacity.

~

3 225. Defendants have actively concealed the DVA's actual participation in the chemical 4 and biological weapons program. Defendants have recently produced documents in discovery 5 that reveal that the Army, DOD, and CIA procured from DVA some of the substances, including 6 samples of drugs and chemicals, that the Army and CIA used to conduct experiments on military 7 personnel or veterans. The adverse information that made such substances unsuitable for 8 treatment or use were the exact same properties that made them attractive as candidates for use in 9 chemical or biological weapons, yet the DVA either failed to advise the other defendants of the 10 known or suspected risks or failed to ensure that those known or suspected risks were disclosed to 11 the military personnel whom the DVA knew would be tested with the substances. Defendants 12 never shared any information about known or suspected risks with the subjects of the 13 experiments. DVA assumed an independent obligation of full disclosure and notification to the 14 military personnel exposed to substances that it provided to Defendants, but DVA has failed to 15 fulfill that obligation. Plaintiffs have been unable to obtain information from Defendants as to 16 what substances were actually supplied by DVA, and which were used on the Individual Plaintiffs 17 or other class members.

18 226. Moreover, during the long period of time that the DVA has been involved in 19 deciding whether affected veterans obtain free, priority health care and SCDDC, as well as 20 conducting the outreach activities described above, the DVA has been conducting its own 21 experiments using human subjects (veterans) that involve many of the same chemical and 22 biological weapons that were the subject of the Army and CIA programs, and many of which also 23 failed to comply with the Official Directives. For example, the DVA has tested LSD-25 on 24 veterans dating back to at least the late 1950s. The DVA also conducted studies at its own 25 medical facilities in the early 1960s using veterans residing at a VA domiciliary as guinea pigs, 26 which were sponsored by the CIA and used CIA cut-outs for funding; for example MKULTRA 27 Subproject 125, conducted at the VA Center in Martinsburg, West Virginia, involved studies of 28 differential effects of drugs such as meprobamate and dextro-amphetamine on behavior, including FOURTH AMENDED COMPLAINT 69 CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page71 of 75

the placebo effect, utilized unwitting subjects, and used the Society for the Investigation of
Human Ecology as a cover for funding and security purposes. Based upon recent VHA filings
concerning its Research Laboratory Hazardous Agents Control Program, the common
chemicals/drugs tested by the DVA and the other Defendants include BZ (3-quinuclidinyl
benzialate), Lewisite, LSD, mustard gas, phosgene, sarin, soman (GD), tabun (GA), VX (nerve
gas), and others. Tests conducted in VHA research facilities also include a long litany of
biological agents such has botulism, anthrax, ebola virus, brucella, and many others.

8 227. In approximately 2005-06, the DVA became involved in outreach activities and 9 notification concerning veterans who had participated in the chemical and biological experiments 10 program. DVA divided the exposed veterans relevant to this action into two groups. First, based 11 upon information received from DOD, the DVA ultimately identified approximately 4,495 12 veterans who had been exposed to mustard agents and lewisite (mustard gas) (the "Mustard Gas 13 Group"). Second, DVA received or compiled a database of 10,528 veterans who were exposed to 14 other chemical or biological substances at the Edgewood Arsenal (the "Chemical/Biological 15 Weapons Group"). As known by the DVA, the DOD list received by the DVA omitted the names 16 of all veterans exposed before 1954, which likely numbered in the tens of thousands.

17 Neither the DVA nor other Defendants have made even a semblance of a 228. 18 comprehensive effort to identify or notify veterans exposed to chemical and biological weapons at 19 other locations than the Edgewood Arsenal. Likewise, the DVA has not compiled any 20 information concerning veterans who were the subject of brain implants or mind control 21 experiments. Moreover, the DVA has made no effort to contact survivors of dead veterans, who 22 would be eligible for Dependency and Indemnity compensation ("DIC") if the death of the 23 veteran's spouse were service connected. As a result, Defendants' notification program began 24 with a truncated list of names representing only a small fraction of the veterans exposed to 25 chemical weapons, biological weapons, and mind control experiments and even a smaller fraction 26 of persons potentially eligible for SCDDC, including DIC.

27 229. Of the 4,495 veterans in the Mustard Gas Group, the DVA concluded that almost
 28 half (2,120) were dead; as to them, the notification efforts ceased, despite the survivors' potential
 FOURTH AMENDED COMPLAINT
 CASE NO. CV 09-0037-CW
 sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page72 of 75

1 eligibility for DIC. Of the remaining 2,375 veterans in the Mustard Gas Group, the DVA has 2 found addresses of only 371, or 15.6%. As of September 2009, the DVA had received 1,518 3 SCDDC claims by veterans based upon mustard gas exposure, 142 of which were still pending. 4 The DVA's 2009 report does not reveal how many of the remaining 1,376 mustard gas claims 5 were granted, but a VBA data summary from January 2006 reported that 11 SCDDC claims in the 6 Mustard Gas Group had been granted, or approximately 0.8%. VBA abandoned any further 7 efforts to notify Mustard Gas Group veterans in 2009, and, as noted above, has never notified 8 survivors of veterans whose deaths were or may have been service connected of their potential 9 eligibility of DIC.

10 230. Of the 10,528 names of veterans that DVA received from DOD concerning the 11 Chemical/Biological Weapons Group, the DVA has notified only 3,218, or 30.6%, and appears to 12 have made no effort to expand the original group of veteran names based upon defects, gaps, or 13 omissions in the original list. Moreover, it appears that the DVA has made no effort to notify 14 veterans with "possible exposures" or to identify military personnel exposed to toxic agents 15 during "protective suit physicals" at Edgewood unless the soldier had actually sought aid at the 16 "Toxic Aid Exposure Station." The DVA has received 87 SCDDC claims from veterans in the 17 Chemical/Biological Weapons Group, of which only 2, less than 3%, have been granted. It is 18 unclear whether the DVA has continued or abandoned efforts to notify veterans whose names are 19 actually listed in the Chemical/Biological Weapons Group.

20 231. The notification letters sent by the DVA to veterans enclose so-called "Fact 21 Sheets" and Answers to "Frequently Asked Questions". The notification letters and other 22 materials sent by DVA, together with other information prepared or circulated as part of the DVA 23 outreach efforts, contain a series of misrepresentations of material fact and other information 24 intended and calculated to discourage veterans from applying for SCDDC or seeking health care 25 from the VHA. Among these misrepresentations and other statements were the following: 26 (a) falsely representing that the chemical and biological weapons tests had begun in the mid-27 1950s, a misstatement intended to justify the decision not to notify participants tested before 1954 28 and to hide the fact that such tests did not conform to the Nuremburg Law; (b) falsely FOURTH AMENDED COMPLAINT 71 CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page73 of 75

1 representing that scientific studies had been conducted showing that exposed veterans did not 2 have any significant adverse health effects and that "available evidence and follow-up" studies 3 had been conducted which "[did] not support significant long-term physical harm among subjects 4 exposed to acutely toxic amounts of [these] agents other than mustard gas and Lewisite;" 5 (c) falsely representing that the doses and safety of the test substances had been pre-confirmed in 6 animal tests and that doses were increased only where there was "a low risk of serious side 7 effects;" (d) falsely representing that the participants in the tests had received low doses; 8 (e) falsely representing that the participants in the tests had voluntarily consented to them and the 9 consent was informed because the Army had "provided study information to each volunteer;" 10 (f) falsely representing that the tests were defensive in nature and purpose; (g) describing the 11 drugs administered as "common approved pharmaceuticals," and that long-term health effects 12 from psychochemicals were limited to LSD; (h) the omission of known, material information 13 about the adverse physical and mental health effects of the chemicals and biological substances 14 derived from earlier studies or incidents involving humans, past studies of industrial accidents, 15 animals studies, and other sources; (i) falsely representing that the tests were conducted in "great 16 care" and that details were recorded as to the date and type of study, the specific chemicals used, 17 the amount of each chemical, the observed health effects, and any treatment provided, and that all 18 participants had received treatment for all adverse health effects; (j) placing an undue and 19 disproportionate emphasis on the inclusion of placebos and benign substances, particularly given 20 the average number of tests of different chemicals each veteran was exposed to; (k) omitting 21 information concerning DIC claims that could be brought by survivors of veterans who 22 participated in the chemical and biological weapons tests; (1) withholding data concerning the 23 incidence of diseases or conditions experienced by veterans that had been exposed to chemicals 24 and drugs in experiments and the known dangers of interactions between or among different 25 chemicals or substances administered to veterans; and (m) falsely representing that no specific 26 medical tests or evaluations were available for the types of exposures experienced by veterans 27 and emphasizing that medical examinations only were available from the DVA, and that the fact 28 of notification did not suggest eligibility for health care or compensation, when in fact the DVA FOURTH AMENDED COMPLAINT 72 CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page74 of 75

1 knew or should have known that some of the veterans receiving notice were eligible for one or 2 both. The FAQs also represent that the DOD does not conduct any human experimentation 3 involving chemical agents today, although appears to contradict itself in a later sentence where it 4 states that the DOD continues to test agents that protect against chemical weapons, which implies 5 that chemicals are still being administered to service personnel in order to test the protective 6 agents. Moreover, the DVA has failed to adequately obtain exposure and test information 7 available from the Army and DOD concerning the identity, properties, doses, mode of exposure, 8 and other fundamental information relating to service connection, and to train adjudicators and 9 medical personnel to fairly evaluate and process SCDDC claims based upon exposure to 10 substances used in chemical and biological weapons or the program of mind-control 11 experimentation.

12 232. The Fifth Amendment due process clause guarantees that decision makers 13 respecting eligibility for health care and SCDDC be neutral and unbiased, and that they lack an 14 interest in the subject matter of their determinations or some undisclosed conflict of interest. The 15 DVA's decisions described above, including the interminable delays in providing and misleading 16 contents of the notice, the incomplete rosters of veterans selected to receive notice, the small 17 percentage of veterans located, the nature of the information imparted to exposed veterans, and 18 the shockingly low success rate on claims are all reflections, manifestations, or the results of bias 19 and the violations of the due process rights of Plaintiffs and members of the proposed class.

20 233. Plaintiffs are entitled to a declaration from this Court stating that decisions made
21 by the DVA respecting entitlement to SCDDC and/or eligibility for free and/or medical care
22 based upon service connection are null and void due to violations of the due process clause of the
23 Fifth Amendment to the U.S. Constitution.

24 234. Plaintiffs are also entitled to a preliminary and permanent injunction forbidding
25 defendants from continuing to use biased decision makers to decide their eligibility for free,
26 priority health care and for SCDDC, including DIC. Plaintiffs also request that this Court enter
27 an order directing the DVA to propose a plan to remedy denials of affected claims for SCDDC
28 and/or eligibility for medical care based upon service connection and to devise procedures for
FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531

Case4:09-cv-00037-CW Document486 Filed10/03/12 Page75 of 75

1	resolving such claims that comply with the due process clause, which involve, at a minimum, an			
2	independent decision maker, all to be submitted to the Court for advance approval.			
3	PRAYER FOR RELIEF			
4	WHEREFORE, subject to this Court's rulings in its January 19, 2010 Order Granting in			
5	Part and Denying in Part Defendants' Motions to Dismiss and Denying Defendants' Alternative			
6	Motion for Summary Judgment (Docket No. 59), Plaintiffs pray for judgment against			
7	DEFENDANTS as follows:			
8	1.	On the First Claim for Relief, for declaratory relief as prayed for above.		
9	2.	On the Second Claim for Re	elief, for a preliminary and permanent injunction as	
10	prayed for above.			
11	3.	On the Third Claim for Reli	ef, for declaratory and injunctive relief as prayed for	
12	above.			
13	4.	On the Fourth Claim for Re	lief, for declaratory and injunctive relief as prayed for	
14	above.			
15	5.	On all claims for relief, for	Plaintiffs' reasonable attorneys' fees and costs incurred	
16	herein pursuant to 28 U.S.C. § 2412 and any other applicable law.			
17	6.	For such other relief as the G	Court deems just and proper.	
18				
19	Dated: October 3, 2012		GORDON P. ERSPAMER EUGENE ILLOVSKY	
20			STACEY M. SPRENKEL MORRISON & FOERSTER LLP	
21				
22			By: <u>/s/ GORDON P. ERSPAMER</u>	
23			Gordon P. Erspamer [GErspamer@mofo.com]	
24			Attorneys for Plaintiffs	
25			Vietnam Veterans of America; Swords to Plowshares: Veterans Rights Organization; Bruce	
26			Price; Franklin D. Rochelle; Larry Meirow; Eric P. Muth; David C. Dufrane; Kathryn McMillan-	
27			Forrest; Tim Michael Josephs; and William Blazinski	
28				
	FOURTH AMENDED COMPLAINT CASE NO. CV 09-0037-CW sf-3201531			