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UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF CALIFORNIA

NEETA THAKUR, KEN ALEX, NELL
 GREEN NYLEN, ROBERT HIRST,
 CHRISTINE PHILLIOU, ~~and~~ JEDDA
 FOREMAN, ELI BERMAN, and SUSAN
HANDY, on behalf of themselves and all others
 similarly situated,

Plaintiffs,

v.

DONALD J. TRUMP, in his official capacity as
 President of the United States;
 DEPARTMENT OF GOVERNMENT
 EFFICIENCY (“DOGE”);
 AMY GLEASON, in her official capacity as
 Acting Administrator of the Department of
 Government Efficiency;

Case No. 3:25-cv-4737

**AMENDED CLASS ACTION
 COMPLAINT FOR
 DECLARATORY AND
 INJUNCTIVE RELIEF**

1 NATIONAL SCIENCE FOUNDATION;

2 ~~[caption cont'd next page]~~

3 BRIAN STONE, in his official capacity as
4 Acting Director of the National Science
Foundation;

5 NATIONAL ENDOWMENT FOR THE
HUMANITIES;

6 MICHAEL MCDONALD, in his official
capacity as Acting Chairman of the National
Endowment for the Humanities;

7 UNITED STATES ENVIRONMENTAL
PROTECTION AGENCY;

8 LEE ZELDIN, in his official capacity as
Administrator of the U.S. Environmental
Protection Agency;

9 UNITED STATES DEPARTMENT OF
10 AGRICULTURE;

11 BROOKE ROLLINS, in her official capacity as
Secretary of the U.S. Department of Agriculture;
12 AMERICORPS (a.k.a. the CORPORATION
FOR NATIONAL AND COMMUNITY
SERVICE);

13 JENNIFER BASTRESS TAHMASEBI, in her
official capacity as Interim Agency Head of
AmeriCorps;

14 UNITED STATES DEPARTMENT OF
15 DEFENSE;

16 PETE HEGSETH, in his official capacity as
Secretary of the U.S. Department of Defense;
17 UNITED STATES DEPARTMENT OF
EDUCATION;

18 LINDA MCMAHON, in her official capacity as
Secretary of the U.S. Department of Education;
19 UNITED STATES DEPARTMENT OF
ENERGY;

20 CHRIS WRIGHT, in his official capacity as
Secretary of Energy;

21 UNITED STATES DEPARTMENT OF
HEALTH AND HUMAN SERVICES;

22 ROBERT F. KENNEDY, JR., in his official
capacity as Secretary of the U.S. Department of
Health and Human Services;

23 UNITED STATES CENTERS FOR DISEASE
CONTROL;

24 MATTHEW BUZZELLI, in his official capacity
as Acting Director of the Centers for Disease
Control;

25 UNITED STATES FOOD AND DRUG
26 ADMINISTRATION;

27 MARTIN A. MAKARY, in his official capacity
as Commissioner of the Food and Drug
Administration;

28 UNITED STATES NATIONAL INSTITUTES

1 OF HEALTH;
2 JAYANTA BHATTACHARYA, in his official
3 capacity as Director of the National Institutes of
4 Health;
5 INSTITUTE OF MUSEUM AND LIBRARY
6 SERVICES;
7 KEITH SONDERLING, in his official capacity
8 as Acting Director of the Institute of Museum
9 and Library Services;
10 UNITED STATES DEPARTMENT OF THE
11 INTERIOR;
12 DOUG BURGUM, in his official capacity as
13 Secretary of the Interior;
14 UNITED STATES DEPARTMENT OF STATE;
15 MARCO RUBIO, in his official capacity as
16 Secretary of the U.S. Department of State;
17 DEPARTMENT OF TRANSPORTATION;
18 SEAN DUFFY, in his official capacity as
19 Secretary for the U.S. Department of
20 Transportation,
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Defendants.

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1 Plaintiffs, individually and on behalf of all others similarly situated, allege for their
2 Complaint against the below-named Defendants as follows:

3 **INTRODUCTION**

4 1. This class action for declaratory and injunctive relief is brought by and on
5 behalf of University of California researchers whose previously approved grants from the federal
6 agencies here named as Defendants have been or are threatened to be unlawfully terminated or
7 suspended. These terminations and suspensions occurred pursuant to Executive Orders or other
8 directives of Defendant President Donald J. Trump, issued from January 20, 2025 to present, that
9 were implemented through Defendant Department of Government Efficiency (“DOGE”) and then
10 operationalized by myriad administrative agencies.

11 2. Plaintiffs challenge these terminations and seek a declaration that they are
12 unconstitutional and otherwise unlawful because they violate the bedrock constitutional principle
13 of separation of powers; the First Amendment guarantee of free speech; the Fifth Amendment
14 guarantee of due process; the Impoundment Control Act of 1974; statutes requiring agencies to
15 fulfill congressionally defined missions; and the Administrative Procedure Act (“APA”). These
16 terminations bypassed Congress, ignored or contradicted the purposes for which Congress created
17 the granting agencies and appropriated funds, and dispensed with the regular procedures and due
18 process afforded grantees under the APA, in implementing the Trump Administration’s political
19 “cost-cutting” agenda and ideological purity campaign.

20 3. Plaintiffs seek, for themselves and the UC researchers class, an injunction
21 that restores their lost funding, enjoins further unlawful grant terminations or suspensions, and
22 provides the grant extensions necessary to enable them to effectively complete the work for
23 which these grants were approved. Plaintiffs and the Class are suffering, or will imminently
24 suffer, concrete harm to their research, their careers, and their professional standing.

25 4. As used in this Complaint, “UC researchers” includes UC faculty, staff,
26 academic appointees, and employees, across the ten-campus University of California system, who
27 are or will imminently be suffering loss of research funding, research cessation or interruption, or
28

1 loss or reduction of employment, by the termination or suspension of previously approved grants
2 since January 20, 2025.

3 5. Grants to UC researchers each year from federal agencies as diverse as the
4 National Science Foundation, National Institutes of Health, Department of Transportation, and
5 Food and Drug Administration, ranging from thousands to millions of dollars, fund the
6 production of new knowledge and fuel the development and deployment of discoveries useful to
7 society.

8 6. Federal grants have been key to the innovation that has consistently earned
9 the UC system pride of place among research institutions, including first place in the National
10 Academy of Inventors' list of universities worldwide with the most utility patents¹ and the UC
11 Berkeley campus's rank of #1 public research in institution in the world for nine of the past ten
12 years.²

13 7. Before President Trump took office, federal agency grant making
14 proceeded under the authority of Congress, which created agencies through its constitutionally
15 assigned exclusive legislative power, and appropriated taxpayer funds for specific public
16 purposes that the agencies were tasked to execute. For decades, agencies carried out these
17 statutory directives and observed due process in making, renewing, and (only seldom) terminating
18 grants. They each adhered to their own grant regulations, duly promulgated through notice and
19 comment rulemaking under the APA, and followed APA procedures when modifying such
20 regulations.

21 8. As a corollary, on the rare occasions when agencies terminated grants, they
22 did so pursuant to predictable, regularized processes; based terminations on proper review and
23 evaluation of grantees' activities to assure compliance with the terms and purpose of the awarded
24 grants; and terminated grants only for reasons stated in applicable regulations.

25 ¹ Univ. of Cal., Office of the President, *Federal Investment in UC Research 2025* (2025),
26 https://ucop.edu/communications/_files/federal-investment-in-uc-research-2025.pdf.

27 ² Public Affairs, *Times Higher Ed Ranks UC Berkeley No. 1 Public University in U.S.*, UC
28 Berkeley News (Oct. 9, 2024), <https://news.berkeley.edu/2024/10/09/times-higher-ed-ranks-uc-berkeley-no-1-public-university-in-u-s/#:~:text=Berkeley%20has%20held%20the%20ranking,industry%20engagement%20and%20international%20outlook>.

1 9. All of this changed abruptly on January 20, 2025, when Defendant Trump
2 attempted to seize direct control of federal agencies by bypassing Congress and upending the
3 statutory and regulatory system under which federal agencies have historically and legally
4 operated.

5 10. On and after January 20, 2025, Defendants Trump and DOGE, through a
6 flurry of Executive Orders and other directives, commanded the federal agencies named as
7 Defendants in this Complaint (“Federal Agency Defendants”) to terminate thousands of
8 previously awarded research grants.

9 11. Abrupt, wholesale, and unilateral termination of these grants has violated
10 the Constitution’s core principle of separation of powers and its guarantees of freedom of speech
11 and due process; flouted the Impoundment Control Act limits on the Executive’s ability to
12 withhold or redirect congressionally appropriated money; ignored statutory requirements that
13 agencies fulfill their substantive missions and fund congressionally specified activities;
14 contravened agency-specific grant-making regulations that cannot by law be revised on an abrupt,
15 unexplained, chaotic basis; and violated the APA through this arbitrary, capricious, and *ultra*
16 *vires* conduct.

17 12. The “Wall of Receipts” on the DOGE website boasts that federal agencies
18 have terminated over 15,000 grants pursuant to DOGE’s directions to date, reflecting
19 terminations on a mass scale.³

20 13. Agencies’ proffered grounds for such terminations—if grounds were stated
21 at all—were spurious. In some cases, agency correspondence to grantees asserted that grant
22 termination would reduce public costs and promote government efficiency, although no evidence
23 was provided to support this claim. In other cases, agency communications made it clear that
24 grants were being terminated to further Defendant Trump’s political objectives, which included
25
26

27 ³ Department of Government Efficiency, *Wall of Receipts*, DOGE.gov, <https://doge.gov/savings>
28 (last visited May 30, 2025). While of questionable accuracy, the data displayed on the DOGE
website demonstrate the Trump/DOGE objective: massive cuts to already appropriated and
approved grants, without regard to merit.

1 the elimination of research on climate, environmental justice, “gender ideology,” and “DEI”
 2 (diversity, equity and inclusion), although the latter terms were not defined.

3 14. The agencies that terminated grants did so on a categorical, *en masse* basis,
 4 without individual review or regard to a project’s merit or a grantee’s progress, and without any
 5 semblance of due process. The terminated and threatened grants that are the subject of this action
 6 were not terminated because they violated the terms of their grant applications or grant approvals,
 7 or strayed from the subject matter or purpose for which they were funded. Such deficiencies
 8 could have been addressed in the normal and ordered course of grant-making and review. To the
 9 contrary: these grant terminations were and are occurring, as their timing and reflection of the
 10 2025 Executive Orders demonstrates, not because the research for which funding was approved
 11 had departed from its originally approved purpose, but because that purpose now offends the
 12 political agenda and ideological requirements of the Trump Administration.

13 15. Plaintiffs do not seek an Order immunizing all grants from termination or
 14 review, or changing agency grantmaking procedures as they existed prior to January 20, 2025.
 15 They do seek a return to the *status quo ante* of ordered grant processes, aligned with
 16 congressionally authorized purposes, and affording due process to grant recipients. This return to
 17 procedures that prevailed prior to January 20, 2025, and conformed to the norms of due process
 18 and the APA, by federal agencies that defer not to unilateral Executive dictates but to
 19 congressional authority, is the essential relief Plaintiffs seek.

20 16. Examining similar unlawful executive branch conduct by Defendants
 21 Trump and DOGE in the attempted reorganization (and gutting) of entire agencies, and the mass
 22 termination of hundreds of thousands of federal employees, the United States District Court
 23 (Illston, J.) stated in its May 22, 2025 Order Granting Preliminary Injunction in *American*
 24 *Federation of Government Employees, AFL-CIO v. Trump*, Case No. 25-cv-03698-51 (Dkt. 124):

25 Presidents may set policy priorities for the executive branch, and
 26 agency heads may implement them. This much is undisputed. But
 27 Congress creates federal agencies, funds them, and gives them duties
 28 that—by statute—they must carry out. Agencies may not conduct
 large-scale reorganizations and reductions in force in blatant
 disregard of Congress’ mandates, and a President may not initiate
 large-scale executive branch reorganization without partnering with

1 Congress. For this reason, nine Presidents over the last one hundred
2 years have sought and obtained authority from Congress to
3 reorganize the executive branch. Other Presidents—including
4 President George W. Bush, President Obama, and President Trump
in his first term—asked Congress for agency reorganization authority
but did not receive it.

5 17. In denying Defendants’ request for a stay of the preliminary injunction in
6 that case, the Ninth Circuit reaffirmed the bedrock principles that administrative agencies are
7 creatures of Congress, not the President, and that “Congress has plenary control over the salary,
8 duties, and even existence of federal offices.” *Am. Fed’n of Gov’t Emps. v. Trump*, —F.4th—
9 (May 30, 2025) (citing *Free Enter. Fund v. Pub. Co. Acct. Oversight Bd.*, 561 U.S. 477, 500
10 (2010)).

11 18. Here, Defendants have engaged in the same unprecedented and unlawful
12 overreach described and enjoined above, in the context of mass terminations of research grants.
13 Their playbook involves a trifecta of illegal moves. First, Defendant Trump issued facially
14 unconstitutional Executive Orders and directives that usurped congressional authority and
15 unlawfully discriminated against disfavored speech. Second, acting on presidential instruction,
16 Defendant DOGE commanded agencies to adopt Trump’s policies as their own by terminating
17 scores of already awarded grants, notwithstanding that DOGE (whose own status as a
18 governmental entity remains unclear) lacks legal authority to supervise administrative agencies.
19 Third and finally, Federal Agency Defendants terminated grants on the stated basis that they were
20 inconsistent with *agency priorities*, or otherwise in tension with Executive Orders and directives,
21 when in fact the grants’ inconsistency was with *executive preferences*. In so doing, agencies
22 violated their statutory mandates, the APA, the constitutional Due Process guarantee, and their
23 own regulations.

24 19. Plaintiff UC researchers have suffered concrete financial, professional, and
25 other harms from Federal Agency Defendants’ unilateral termination of grants for projects to
26 which they have already dedicated time and effort; for research upon which they have staked
27 careers and reputations; and for work with research teams through which they endeavored to train
28

1 a next generation. Without judicial relief, these researchers will suffer irreparable injury to their
2 research and their careers.

3 20. As profoundly, these terminations have impaired and will impair the
4 public-serving research mission of the UC system and the concern for public welfare that
5 undergirds it.

6 21. All of the Defendants' conduct, and the Plaintiffs' and Class members'
7 resulting harm, proceeds directly from Defendant Trump's determination to erase the
8 constitutional boundaries that separate the branches of government and assign defined powers to
9 each. Specifically, the mass termination of federal agency grants that is the subject of this action
10 proceeds from Defendant Trump's efforts to arrogate the law-making powers of Congress to
11 himself.

12 22. Plaintiffs and the Proposed Class will continue to suffer harm on an
13 ongoing basis and will experience increasing and irreparable harm absent the declaratory and
14 injunctive relief here sought.

15 **JURISDICTION AND VENUE**

16 23. This Court has subject matter jurisdiction under 28 U.S.C. § 1331 because
17 this action arises under federal law, including the United States Constitution, federal statutes, and
18 the Administrative Procedure Act, 5 U.S.C. §§ 551 *et seq.*, and 5 U.S.C. §§ 702, 704. An actual
19 controversy exists between the parties within the meaning of 28 U.S.C. § 2201(a), and this Court
20 may grant declaratory relief, injunctive relief, and other appropriate relief pursuant to 28 U.S.C.
21 §§ 2201-02 and 5 U.S.C. §§ 705-06.

22 24. Venue is proper in this District pursuant to 28 U.S.C. § 1391(e)(1) because
23 Defendants are officers and agencies of the United States served in their official capacities, no
24 real property is at issue in this case, and the Plaintiffs and many members of the Proposed Class
25 are citizens of California and are residents of this District, where many of the federal grant
26 terminations that are the subject of this suit, and the resulting harms to Plaintiffs and the Class,
27 have occurred and will continue to occur unless enjoined.
28

THE PARTIES

A. Plaintiffs

25. Individual Plaintiff and Class Representative Neeta Thakur is a citizen of the United States and the State of California, and a member of the faculty at the University of California, San Francisco (“UCSF”), who engages in research. She resides in the Northern District of California.

26. Individual Plaintiff and Class Representative Ken Alex is a citizen of the United States and the State of California, and has an academic appointment as a researcher at the University of California, Berkeley (“UC Berkeley”). He resides in the Northern District of California.

27. Individual Plaintiff and Class Representative Robert Hirst is a citizen of the United States and the State of California, and has an academic appointment as a researcher at the Bancroft Library at UC Berkeley. He resides in the Northern District of California.

28. Individual Plaintiff and Class Representative Christine Philliou is a citizen of the United States and the State of California, and a member of the faculty at UC Berkeley who engages in research. She resides in the Northern District of California.

29. Individual Plaintiff Nell Green Nylen is a citizen of the United States and the State of California, and has an academic appointment as a researcher at UC Berkeley. She resides in the Northern District of California.

30. Individual Plaintiff and Class Representative Jedda Foreman is a citizen of the United States and the State of California, and has an academic appointment as a researcher at UC Berkeley. She resides in the Northern District of California.

31. Individual Plaintiff and Class Representative Eli Berman is a citizen of the United States and the State of California, and has an academic appointment as a researcher at the University of California, San Diego. He resides in San Diego County.

32. Individual Plaintiff and Class Representative Susan Handy is a citizen of the United States and the State of California, and a member of the faculty at the University of California, Davis. She resides in Yolo County.

1 **B. Defendants**

2 ~~31.33.~~ Defendant Donald J. Trump is the President of the United States and is
3 sued in his official capacity.

4 ~~32.34.~~ Defendant Department of Government Efficiency (“DOGE”) is a federal
5 agency headquartered in Washington, D.C. DOGE is a federal agency within the meaning of the
6 APA, 5 U.S.C. § 551(1). Upon information and belief, DOGE is now headed by Defendant Trump
7 and every member of his cabinet.

8 ~~33.35.~~ Defendant Amy Gleason is the Acting Administrator of DOGE and is sued
9 in her official capacity.

10 ~~34.36.~~ The following federal departments and agencies, including their identified
11 leaders, are sometimes referred to collectively herein as the “Federal Agency Defendants.”

12 ~~35.37.~~ Defendant National Science Foundation (“NSF”) is a federal agency
13 headquartered in Alexandria, Virginia. NSF is a federal agency within the meaning of the APA, 5
14 U.S.C. § 551(1).

15 ~~36.38.~~ Defendant Brian Stone is Acting Director of NSF and is sued in his official
16 capacity.

17 ~~37.39.~~ Defendant National Endowment for the Humanities (“NEH”) is a federal
18 agency headquartered in Washington, D.C. NEH is a federal agency within the meaning of the
19 APA, 5 U.S.C. § 551(1).

20 ~~38.40.~~ Defendant Michael McDonald is Acting Chairman of NEH and is sued in
21 his official capacity.

22 ~~39.41.~~ Defendant United States Environmental Protection Agency (“EPA”) is a
23 federal agency headquartered in Washington, D.C. EPA is a federal agency within the meaning of
24 the APA, 5 U.S.C. § 551(1).

25 ~~40.42.~~ Defendant Lee Zeldin is the Administrator for the EPA and is sued in his
26 official capacity.

1 ~~41-43.~~ Defendant United States Department of Agriculture (“USDA”) is a federal
2 agency headquartered in Washington, D.C. USDA is a federal agency within the meaning of the
3 APA, 5 U.S.C. § 551(1).

4 ~~42-44.~~ Defendant Brooke Rollins is Secretary of USDA and is sued in her official
5 capacity.

6 ~~43-45.~~ Defendant AmeriCorps, also known as the Corporation for National and
7 Community Service, is a federal agency headquartered in Washington, D.C. AmeriCorps is a
8 federal agency within the meaning of the APA, 5 U.S.C. § 551(1).

9 ~~44-46.~~ Defendant Jennifer Bastress Tahmasebi is Interim Agency Head of
10 AmeriCorps and is sued in her official capacity.

11 ~~45-47.~~ Defendant United States Department of Defense (“Defense”) is a federal
12 agency headquartered in Washington, D.C. Defense is a federal agency within the meaning of the
13 APA, 5 U.S.C. § 551(1).

14 ~~46-48.~~ Defendant Pete Hegseth is Secretary of Defense and is sued in his official
15 capacity.

16 ~~47-49.~~ Defendant United States Department of Education (“Education”) is a
17 federal agency headquartered in Washington, D.C. Education is a federal agency within the
18 meaning of the APA, 5 U.S.C. § 551(1).

19 ~~48-50.~~ Defendant Linda McMahon is Secretary of Education and is sued in her
20 official capacity.

21 ~~49-51.~~ Defendant United States Department of Energy (“DOE”) is federal agency
22 headquartered in Washington, D.C. DOE is a federal agency within the meaning of the APA, 5
23 U.S.C. § 551(1).

24 ~~50-52.~~ Defendant Chris Wright is Secretary of DOE and is sued in his official
25 capacity.

26 ~~51-53.~~ Defendant United States Department of Health and Human Services
27 (“HHS”) is a federal agency headquartered in Washington, D.C. HHS is a federal agency within
28 the meaning of the APA, 5 U.S.C. § 551(1).

1 ~~52-54.~~ Defendant Robert F. Kennedy, Jr. is Secretary of HHS and is sued in his
2 official capacity.

3 ~~53-55.~~ Defendant United States Centers for Disease Control (“CDC”), housed
4 within HHS, is federal agency headquartered in Atlanta, Georgia. CDC is a federal agency within
5 the meaning of the APA, 5 U.S.C. § 551(1).

6 ~~54-56.~~ Defendant Matthew Buzzelli is Acting Director of CDC and is sued in his
7 official capacity.

8 ~~55-57.~~ Defendant United States Food and Drug Administration (“FDA”), housed
9 within HHS, is a federal agency headquartered in Silver Spring, Maryland. FDA is a federal
10 agency within the meaning of the APA, 5 U.S.C. § 551(1).

11 ~~56-58.~~ Defendant Martin Makary is Commissioner of the FDA and is sued in his
12 official capacity.

13 ~~57-59.~~ Defendant United States Institutes of Health (“NIH”), housed within HHS,
14 is federal agency headquartered in Bethesda, Maryland. NIH is a federal agency within the
15 meaning of the APA, 5 U.S.C. § 551(1).

16 ~~58-60.~~ Defendant Jayanta Bhattacharya is Director of NIH and is sued in his
17 official capacity.

18 ~~59-61.~~ Defendant Institute of Museum and Library Services (“IMLS”) is a federal
19 agency headquartered in Washington, D.C. IMLS is a federal agency within the meaning of the
20 APA, 5 U.S.C. § 551(1).

21 ~~60-62.~~ Defendant Keith Sonderling is Acting Director of IMLS and is sued in his
22 official capacity.

23 ~~61-63.~~ Defendant United States Department of the Interior (“Interior or DOI”) is a
24 federal agency headquartered in Washington, D.C. Interior is a federal agency within the meaning
25 of the APA, 5 U.S.C. § 551(1).

26 ~~62-64.~~ Defendant Doug Burgum is Secretary of the Interior and is sued in his
27 official capacity.
28

1 63-65. Defendant United States Department of State (“State”) is a federal agency
 2 headquartered in Washington, D.C. State is a federal agency within the meaning of the APA, 5
 3 U.S.C. § 551(1).

4 64-66. Defendant Marco Rubio is Secretary of State and is sued in his official
 5 capacity.

6 65-67. Defendant Department of Transportation (“DOT”) is a federal agency
 7 headquartered in Washington, D.C. DOT is a federal agency within the meaning of the APA, 5
 8 U.S.C. § 551(1).

9 66-68. Defendant Sean Duffy is Secretary of DOT and is sued in his official
 10 capacity.

11 CLASS ALLEGATIONS

12 67-69. Neeta Thakur, Ken Alex, Nell Green Nylen, Robert Hirst, Christine
 13 Philliou, ~~and~~ Jedda Foreman, Eli Berman, and Susan Handy (“Plaintiffs” or “Class
 14 Representatives”) bring this action as a class action for declaratory and injunctive relief pursuant
 15 to Federal Rule of Civil Procedure 23(a)(1)-(4) and 23(b)(2). They bring this suit on behalf of
 16 themselves and all similarly situated University of California researchers whose federally funded
 17 grants have been or will be imminently terminated or suspended by Defendants absent (a) a
 18 declaratory judgment that such Executive Orders and directives are illegal; and (b) injunctive
 19 relief enjoining further terminations and restoring the terminated grants to enable class members
 20 to complete their interrupted work. These Class Representatives seek certification of two classes,
 21 as defined by the Court in her Order Granting Motion for Preliminary Injunction and Provisional
 22 Class Certification (ECF 54), modified to include the additional Federal Agency Defendants that
 23 terminated Plaintiff Berman’s and Plaintiff Handy’s grants: a class (the “Plaintiff Class”),
 24 sometimes referred to collectively in this Complaint for convenience as “UC researchers.” and
 25 defined as and consisting of:

26 The Equity Termination Class:

27 All University of California researchers, including faculty, staff,
 28 academic appointees, and employees across the University of
 California system (~~“UC researchers”~~) ~~whose research grants have~~

~~been or will be terminated, denied, suspended, or reduced by any of the Defendants pursuant to Executive Orders 14151, 14154, 14158, 14168, 14173, 14217, 14238, and/or 14222, and/or other directives of the Trump Administration or DOGE, from and after January 20, 2025 who are named as principal researchers, investigators, or project leaders on the grant applications for previously awarded research grants by the EPA, NEH, NSF, DOD, or DOT (or their sub-agencies) that are terminated pursuant to Executive Orders 14151 or 14173, from and after January 20, 2025.~~

Excluded from the class are Defendants, the judicial officer(s) assigned to this case, and their respective employees, staffs, and family members.

The Form Termination Class

All University of California researchers, including faculty, staff, academic appointees, and employees across the University of California system who are named as principal researchers, investigators, or project leaders on the grant applications for previously awarded research grants by the EPA, NEH, NSF, DOD, or DOT (or their sub-agencies) that are terminated by means of a form termination notice that does not provide a grant-specific explanation for the termination that states the reason for the change to the original award decision and considers the reliance interests at stake, from and after January 20, 2025.

Excluded from the class are Defendants, the judicial officer(s) assigned to this case, and their respective employees, staffs, and family members

~~68.70.~~ This action meets all of the Rule 23(a) prerequisites for maintaining a class action. The Plaintiff Class is so numerous that individual joinder of all its members is impracticable, satisfying Rule 23(a)(1). The ten-campus UC System has more than 265,000 faculty and staff,⁴ hundreds to thousands of whom conduct billions of dollars of federally funded research annually. In 2024, for example, UC Berkeley researchers alone received nearly \$1 billion in new research grants. Of this amount, 51% (approximately \$420 million), came from federal grants. On this single campus, as of May 15, 2025, there were more than 2,000 open federal research grants (*i.e.*, ones whose termination date has not arrived). Many of these have now been terminated, suspended, or face imminent termination by the unlawful actions of

⁴ Univ. of California, *About Us*, [https://www.universityofcalifornia.edu/about-us#:~:text=The%20University%20of%20California%20opened,and%20working%20around%20the%20world.\(last visited May 28, 2025\)](https://www.universityofcalifornia.edu/about-us#:~:text=The%20University%20of%20California%20opened,and%20working%20around%20the%20world.(last%20visited%20May%2028,%202025).).

Defendants. Plaintiffs do not yet know the exact number of the UC researchers whose work has been terminated or imminently threatened by the Defendants' conduct at issue in this suit, but are informed and believe that hundreds or thousands of researchers' grants and work, and their research staff's jobs, have been and will be impacted by such conduct. For example, the National Science Foundation (NSF) published a list of terminated grants that includes nearly 80 grants terminated across the UC System by *NSF alone*; a quick review of the terminated grants suggests terminations occurred because the grant titles contain now-suspect DEI-related words such as "equity."⁵ A preliminary list of over 30 terminated grants across several federal agencies at UC Berkeley shows the same pattern. Further, databases compiled by news media and nonprofits have also identified over 100 National Institutes of Health (NIH) grants made to UCSF, UC Los Angeles, and UC San Diego researchers that have since been terminated.⁶

~~69-71.~~ The claims of the Plaintiff Class members share important and indeed pivotal common questions of law and fact, including but not limited to whether the Defendants' actions pursuant to the Executive Orders and directives described in this Complaint are unconstitutional and unlawful exercises of executive power, because they usurp Congress's spending authority and also violate the Impoundment Control Act of 1974; whether Defendants' actions are further unconstitutional because they violate Plaintiff Class members' First Amendment right to free speech and Fifth Amendment right to due process; whether they are further unlawful because they violate statutes through which Congress has created the defendant agencies and determined their purposes, functions, and goals, and additional statutes through which Congress gives agencies substantive instruction, usurping Congress's legislative authority; and whether Defendants' actions are arbitrary and capricious, an abuse of discretion, or otherwise contrary to law, in violation of the APA.

⁵ NSF, *Is there a publicly available list of the awards NSF has terminated?*, <https://www.nsf.gov/updates-on-priorities#termination-list> (last updated May 23, 2025).

⁶ Irena Hwang et al., *The Gutting of America's Medical Research: Here is Every Canceled or Delayed N.I.H. Grant*, N.Y. Times (June 4, 2025), <https://www.nytimes.com/interactive/2025/06/04/health/trump-cuts-nih-grants-research.html?smid=nytcore-ios-share&referringSource=articleShare>.

1 ~~70-72.~~ Because the claims of the Plaintiff Class members share common issues of
2 law and fact, they will not require individualized determinations of the circumstances of any
3 plaintiff, and satisfy Rule 23(a)(2) for purposes of the requested declaratory and injunctive relief.

4 ~~71-73.~~ The claims of the Class Representatives are typical of the claims of the
5 members of the Plaintiff Class, because they arise out of the Defendants' common conduct,
6 satisfying Rule 23(a)(3). Like other members of the class, the Class Representatives have been
7 concretely harmed, economically, professionally, and reputationally, by Defendants' arbitrary,
8 capricious, and unlawful actions in categorically terminating or delaying their research grants
9 under color of Defendant Trump's Executive Orders and/or at the direction of DOGE. The timing
10 and sheer volume of these terminations (DOGE boasts of over 15,000 such terminations of
11 grants nationwide in the space of less than 100 days) shows that these determinations were
12 without due process or due regard for the individual merits, scientific importance, or public
13 benefit of the projects affected. Class Representatives and the Plaintiff Class have been similarly
14 and further harmed by Defendants' failure to adequately explain their actions and decisions. Each
15 of these actions, independently and collectively, have caused harm to the Class Representatives
16 and the Plaintiff Class members.

17 ~~72-74.~~ The Class Representatives will fairly and adequately protect the interests of
18 the Plaintiff Class, satisfying Rule 23(a)(4). They will defend the rights of all proposed class
19 members fairly and adequately, and have no interest that is now or may be potentially
20 antagonistic to the interests of the Plaintiff Class. The attorneys representing the Plaintiff Class
21 Representatives include constitutional, civil rights, environmental, and administrative law experts
22 and litigators with decades of experience in their respective fields, and class action attorneys with
23 similar experience and scores of court appointments as class counsel in federal litigation. These
24 attorneys may and should be appointed as class counsel in this action.

25 ~~73-75.~~ The members of the Plaintiff Class are readily ascertainable through
26 Defendants' own grant records, and the grant-related communications they have issued to Class
27 members pursuant to Executive Orders and/or at the direction of the Trump Administration and/or
28 DOGE.

~~74-76.~~ Through federal research grant cancellations, suspensions, and delays imposed categorically, pursuant to Executive Orders or other Trump Administration directives, in violation of the APA, and in violation of other statutes and the Constitution as alleged in this Complaint, Defendants have acted, have threatened to act, and will continue to act on grounds generally applicable to the Plaintiff Class, thereby making final equitable and declaratory relief appropriate to the Class as a whole. The Plaintiff Class may therefore be properly certified under Federal Rule of Civil Procedure 23(b)(2).

~~75-77.~~ Numerous individual lawsuits alleging similar conduct and claims would disserve the interests of judicial economy, as well as the interests of litigants and the public in the just, speedy, and inexpensive determination of these claims.

FACTUAL ALLEGATIONS APPLICABLE TO ALL CLAIMS

I. Throughout Decades of Federal Funding, the UC System Has Made Leading Contributions to Research that Benefit the Public

~~76-78.~~ The University of California (the “UC System”) is the world’s leading public research institution. Comprised of ten campuses, three affiliate national laboratories, and dozens of institutes, centers, and research laboratories across California, the UC System has made—and continues to make—outsize contributions to research that have changed the world, and enhanced human knowledge, while contributing to the national security and global prominence of the United States, and the health and welfare of all Americans.

~~77-79.~~ Without the UC System’s research, for example, the world would not have the internet,⁷ plug-in hybrid cars,⁸ or the world’s largest 3-D map of the universe.⁹

⁷ Pranay Bhattacharyya, *UCLA: Birthplace of the Internet*, US Tech News (April 28, 2021), <https://uctechnews.ucop.edu/ucla-birthplace-of-the-internet/#:~:text=ARPANET%3A%20The%20Beginning,first%20two%20letters%20were%20sent>.

⁸ USPath Center, *4 Unexpected Discoveries from UC*, UCPath Jobs, <https://ucpathjobs.org/lifestyle/4-unexpected-discoveries-uc/> (last visited May 27, 2025).

⁹ Michael Levi, *First Results from DESI Make the Most Precise Measurement of Our Expanding Universe*, Berkeley Lab News Center (April 4, 2024), <https://newscenter.lbl.gov/2024/04/04/desi-first-results-make-most-precise-measurement-of-expanding-universe/>.

~~78-80.~~ In the medical realm, UC System research has led to development of MRI machines,¹⁰ cochlear implants that restore hearing,¹¹ a universal viral vaccine,¹² a brain implant that prevents Parkinson's symptoms,¹³ and the use of CRISPR gene-editing to cure sickle cell disease.¹⁴ In the past 30 years, decades of UC cancer research has saved nearly 4 million lives.¹⁵

~~79-81.~~ The UC System has produced 70 Nobel Prize winners, 101 MacArthur "Genius" grant award winners, 66 National Medal of Science winners, and 42 Pulitzer Prize winners.¹⁶ Since 2013, the UC System has topped the National Academy of Inventors' list of universities worldwide with the most utility patents.¹⁷

~~80-82.~~ Through continual development of new technologies, UC research stimulates the economy by creating jobs, companies, industries, and scientific advancements that continue to change the world. Entire industries have grown out of UC research, including biotechnology, computing, semiconductors, telecommunications, and agriculture.¹⁸

¹⁰ Kara Manke, *Jerome R. Singer, pioneer of magnetic resonance imaging, dies at 97*, US Berkeley News (August 6, 2019), <https://news.berkeley.edu/2019/08/06/jerome-r-singer-pioneer-of-magnetic-resonance-imaging-dies-at-97/#:~:text=Jerome%20R.-,Singer%2C%20pioneer%20of%20magnetic%20resonance%20imaging%2C%20dies%20at%2097,and%20blood%20volume%20in%20mice.>

¹¹ Pete Farley, *Neuroscientist Wins Prize for Cochlear Implant Contributions*, University of California (January 8, 2015), <https://www.universityofcalifornia.edu/news/neuroscientist-wins-prize-cochlear-implant-contributions>.

¹² Jules Bernstein, *Vaccine Breakthrough Means No More Chasing Strains*, University of California, Riverside (April 15, 2024), <https://news.ucr.edu/articles/2024/04/15/vaccine-breakthrough-means-no-more-chasing-strains>.

¹³ Robin Marks, *New Parkinson's Treatment Helps Former Pro Keep Skateboarding*, U. of Cal. San Francisco (Apr. 19, 2024), <https://www.ucsf.edu/news/2024/04/427391/new-parkinsons-treatment-helps-former-pro-keep-skateboarding>.

¹⁴ Robert Sanders, *FDA Approves First Test of CRISPR to Correct Genetic Defect Causing Sickle Cell Disease*, University of California (Apr. 1, 2021), <https://www.universityofcalifornia.edu/news/fda-approves-first-test-crispr-correct-genetic-defect-causing-sickle-cell-disease>.

¹⁵ Julia Busiek, *What Cuts to NIH Funding Mean for Cancer Patients and Their Families*, University of California (Feb. 26, 2025), <https://www.universityofcalifornia.edu/news/what-cuts-nih-funding-mean-cancer-patients-and-their-families>.

¹⁶ Univ. of Cal., *The University of California at a Glance*, Univ. of Cal. (Feb. 25, 2025), https://ucop.edu/institutional-research-academic-planning/_files/uc-facts-at-a-glance.pdf.

¹⁷ Univ. of Cal., *Federal Investment in UC Research*, Univ. of Cal. (Apr. 2025), https://ucop.edu/communications/_files/federal-investment-in-uc-research-2025.pdf.

¹⁸ *Id.*

~~81-83.~~ UC research prowess has continued at breakneck speed. The UC System averages four new inventions *per day*. In 2023, 78 startups were launched using UC intellectual property or technology.¹⁹ UC research quite literally shapes the future: 8.2% of all U.S. academic research is conducted by UC researchers.²⁰

~~82-84.~~ Such achievements would not be possible without federal funding. For years, the UC System has partnered with the federal government to deliver groundbreaking innovations that have made the American public healthier, safer, smarter, and better able to compete in a global market.

~~83-85.~~ Federal funding is the single most important source of UC research funding, historically accounting for more than half of the UC System’s total research awards.²¹ In fiscal year 2024, the UC System received \$4.069 *billion* in federal research awards. This covered 10,256 distinct awards.²²

~~84-86.~~ The UC System receives more National Institutes of Health (“NIH”) and National Science Foundation (“NSF”) funding than any other institution.²³ And these are far from the only agencies to offer significant support to UC research.

~~85-87.~~ In fiscal year 2024, the UC System received approximately the following amounts by agency:²⁴

- \$2.54 billion – NIH
- \$525 million – NSF
- \$326 million – Defense
- \$160 million – Energy
- \$122 million – other HHS
- \$104 million – NASA
- \$86 million – USDA

¹⁹ *Id.*

²⁰ *Id.*

²¹ *Id.*

²² *Id.*

²³ *Id.*

²⁴ *Id.*

- \$68 million – Commerce
- \$39 million – Interior
- \$27 million – Education
- \$20 million – State
- \$47 million – other agencies

~~86-88.~~ These stable federal funding sources, and the research talent they attract and empower, have enabled the UC System to make its outsize contributions to human progress for decades. Because the very nature of research requires years of ongoing work, the UC system has operated research programs across presidential administrations for generations.

~~87-89.~~ The innovations described above are the result of a successful partnership between the UC System and the federal government, and indeed would be impossible if federal grant funding were terminated.

~~88-90.~~ This research, of course, is carried out by faculty members and other research personnel in the UC system. These individuals' careers—their hiring, their tenure, their advancement—all depend on research that is often supported by federal grants.

II. Congress's Power of the Purse Makes Illegal the Mass Termination of Grants at the President's Direction

~~89-91.~~ The partnership between the UC System and the federal government is a product of Congress's powers, and by design insulated from political winds in the executive branch. Congress has repeatedly emphasized the importance of federally funded research as critical to the strength and security of the nation, and has used its powers to set research priorities and appropriate funds to federal agencies to carry out those priorities.

~~90-92.~~ Congress has the constitutional power to appropriate funds for such research and to create agencies necessary to implement federal policies. Article I vests Congress with the legislative power to create departments, agencies, and offices within the executive branch, to define their duties, and to fund their activities. U.S. Const. art. I, §1 ("All legislative Powers herein granted shall be vested in a Congress of the United States.").

1 ~~91-93.~~ Congress’s legislative power includes “the establishment of offices... [and]
 2 the determination of their functions.” *Myers v. United States*, 272 U.S. 52, 129 (1926); U.S.
 3 Const. art I, § 8, cl. 18. “Administrative agencies are creatures of statute,” and do not exist or
 4 have purpose without Congress’s direction. *See Nat’l Fed’n of Indep. Bus v. Dep’t of Lab.*,
 5 *OSHA*, 595 U.S. 109, 117 (2022). Congress thus establishes executive agencies and crafts the
 6 statutes that govern each agency’s administration. *See, e.g.*, 10 U.S.C. §§ 111, 113 (Defense); 16
 7 U.S.C. § 551 (Agriculture); 42 U.S.C. §§ 202, 203 (HHS); 42 U.S.C. §§ 218, 282 (NIH); 42
 8 U.S.C. § 7131 (Energy).

9 ~~92-94.~~ Congress also holds the power of the federal purse. Indeed, Congress’s
 10 powers to set the policies of the nation are at their apex when it comes to spending money, as the
 11 Constitution “exclusively grants the power of the purse to Congress, not the President.” *City &*
 12 *Cnty. of San Francisco v. Trump*, 897 F.3d 1225, 1231 (9th Cir. 2018). Congress makes its
 13 priorities clear by appropriating funds to agencies to carry out specified activities.

14 ~~93-95.~~ The Constitution requires the President, meanwhile, to “take Care that the
 15 Laws be faithfully executed.” U.S. Const., art. II, § 3. The “Take Care Clause” assures that
 16 “Congress makes the laws and the President faithfully executes them.” *Utility Air Reg. Grp. v.*
 17 *Env’tl. Prot. Agency*, 573 U.S. 302, 327 (2014) (cleaned up). This includes ensuring the
 18 appropriation of funds per Congress’s direction.

19 ~~94-96.~~ The executive branch has *no* constitutional authority to refuse to carry out
 20 laws enacted by Congress, and it has no constitutional authority to block, amend, subvert, or
 21 delay spending appropriated monies based on the President’s own policy preferences. For nearly
 22 two hundred years, it has been established that the Executive violates the Take Care Clause when
 23 it ignores, refuses to execute, or purports to override statutes. *Kendall v. United States*, 37 U.S.
 24 (12 Pet.) 524, 613 (1838).

25 ~~95-97.~~ A President’s Executive Order cannot override Congress’s express
 26 direction. The President “is without authority to set aside congressional legislation by executive
 27 order.” *In re United Mine Workers of Am. Int’l Union*, 190 F.3d 545, 551 (D.C. Cir. 1999).
 28 Rather, the “President’s power, if any, to issue [an] order must stem from either an act of

1 Congress or from the Constitution itself.” *Youngstown Sheet & Tube Co. v. Sawyer*, 343 U.S. 579,
2 585 (1952).

3 ~~96-98.~~ The President has no power to order the rescission of funds. If the
4 President wants funds rescinded, he may *ask* Congress to do so pursuant to the Impoundment
5 Control Act (“ICA”), 2 U.S.C. § 681 *et seq.* Under the ICA, the President can “transmit to both
6 Houses of Congress a special message specifying,” among other criteria, the amount of budget
7 authority he proposes be rescinded, the reasons why it should be rescinded, and the effect of the
8 proposed rescission on the “objects, purposes, and programs for which the budget authority is
9 provided.” *Id.* § 683(a). Unless Congress passes a rescission bill that covers the President’s
10 request within 45 days, however, the funds shall be made available. *Id.* § 683(b).

11 ~~97-99.~~ Even under the ICA—which clearly states it cannot interfere with the
12 Constitutional separation of powers, § 681(1)—the President is constrained. His requests for
13 rescission cannot “supersede any provision of law which *requires* the obligation of budget
14 authority or the making of outlays.” 2 U.S.C. § 681 (emphasis added). Nor can the President
15 request reductions of *already obligated* funds, including grants. *See id.* § 683; Congressional
16 Budget Office, *CBO Explains How It Estimates Savings From Rescissions* (May 26, 2023),
17 <https://www.cbo.gov/publication/59209> (explaining a rescission will not impact funds that are
18 obligated).

19 ~~98-100.~~ In short, once Congress has allocated money for grants or directed agencies
20 to use funding to carry out research, the President cannot unilaterally refuse to spend or to redirect
21 such funds. Nor can agency leaders, substituting the President’s directives for Congress’s,
22 terminate without lawful cause grants that were awarded pursuant to congressional directives.
23 Such refusal to spend money appropriated by Congress violates both the separation of powers and
24 the Impoundment Control Act.

1 **III. President Trump Issues a Flurry of Executive Orders and Creates DOGE,**
 2 **Unlawfully Directing Agencies to Terminate Grants**

3 ~~99.101.~~ Beginning on Inauguration Day (January 20, 2025), Defendant Trump
 4 issued a number of broad directives through Executive Orders (EOs). These included demands on
 5 federal agencies to take action to comply with the President’s agenda.

6 ~~100.102.~~ In particular, Defendant Trump and his administration explicitly
 7 and implicitly called on federal agencies to “terminate” previously awarded grant funds. In so
 8 doing, the Administration did not comply with Congress’s prior spending decisions and direction.

9 ~~101.103.~~ For example, Executive Order No. 14151, dated January 20, 2025
 10 and titled “Ending Radical and Wasteful Government DEI Programs and Preferencing,” instructs
 11 the Attorney General and others to “coordinate the termination of all discriminatory programs,
 12 including illegal DEI and ‘diversity, equity, inclusion, and accessibility’ (DEIA) mandates,
 13 policies, programs, preferences, and activities in the Federal Government, under whatever name
 14 they appear.” Additionally, it directs each federal agency head to “terminate, to the maximum
 15 extent allowed by law... all ‘equity-related’ grants or contracts” within 60 days.²⁵

16 ~~102.104.~~ EO No. 14173, titled “Ending Illegal Discrimination and Restoring
 17 Merit-Based Opportunity,” addresses purported “immoral race- and sex-based preferences under
 18 the guise of so-called [DEI] or [DEIA].” The order requires the Director of OMB to “[e]xcise
 19 references to DEI and DEIA principles, under whatever name they may appear, from Federal
 20 acquisition, contracting, grants, and financial assistance procedures” and to “[t]erminate all
 21 ‘diversity,’ ‘equity,’ ‘equitable decision-making,’ ‘equitable deployment of financial and
 22 technical assistance,’ ‘advancing equity,’ and like mandates, requirements, programs, or
 23 activities, as appropriate.”²⁶

24 ²⁵ Exec. Order No. 14151, *Ending Radical and Wasteful Government DEI Programs and*
 25 *Preferencing*, 90 Fed. Reg. 8339 (Jan. 20, 2025),
 26 <https://www.federalregister.gov/documents/2025/01/29/2025-01953/ending-radical-and-wasteful-government-dei-programs-and-preferencing>.

27 ²⁶ Exec. Order No. 14173, *Ending Illegal Discrimination and Restoring Merit-Based*
 28 *Opportunity*, 90 Fed. Reg. 8633, (Jan. 21, 2025),
<https://www.federalregister.gov/documents/2025/01/31/2025-02097/ending-illegal-discrimination-and-restoring-merit-based-opportunity>.

1 ~~103-105.~~ On January 20, 2025, Defendant Trump also issued EO No. 14168,
 2 “Defending Women from Gender Ideology Extremism and Restoring Biological Truth to the
 3 Federal Government,” directing that “federal funds shall not be used to promote gender ideology,”
 4 instructing federal agencies to revise grant conditions accordingly, and defining “gender ideology”
 5 as a “false claim” that “replaces the biological category of sex with an ever-shifting concept of
 6 self-assessed gender identity,” and that “includes the idea that there is a vast spectrum of genders
 7 that are disconnected from one’s sex.”

8 ~~104-106.~~ On January 20, 2025, Defendant Trump further issued EO No.
 9 14154, “Unleashing American Energy,” which directed federal agencies to “immediately pause
 10 the disbursement of funds appropriated through the Inflation Reduction Act of 2022 (Public Law
 11 117-169) or the Infrastructure Investment and Jobs Act (Public Law 117-58).” The EO called out
 12 specific grant programs, and more generally, directed the agencies to “review their processes,
 13 policies, and programs for issuing grants.”²⁷

14 ~~105-107.~~ On February 19, 2025, Defendant Trump issued EO No. 14217,
 15 “Commencing the Reduction of the Federal Bureaucracy.” The EO deemed several government
 16 entities “unnecessary,” and directed that any non-statutory components or functions be
 17 “eliminated.” The Order also stated that any “grant requests” by these entities should be denied.²⁸

18 ~~106-108.~~ On March 14, 2025, Defendant Trump issued EO No. 14238,
 19 “Continuing the Reduction of the Federal Bureaucracy.” This order listed additional entities
 20 determined by Defendant Trump to be “unnecessary,” and again directed that grant requests be
 21 rejected.²⁹

22 ~~107-109.~~ Moreover, to force agencies into complying with his personal
 23 agenda, Defendant Trump signed EO No. 14158 on January 20, 2025, “Establishing and
 24 _____

25 ²⁷ Exec. Order No. 14154, *Unleashing American Energy*, 90 Fed. Reg. 8353 (Jan. 29, 2025),
<https://www.federalregister.gov/documents/2025/01/29/2025-01956/unleashing-american-energy>.

26 ²⁸ Exec. Order No. 14217, *Commencing the Reduction of the Federal Bureaucracy*, 90 Fed. Reg.
 27 10577 (Feb. 25, 2025), <https://www.federalregister.gov/documents/2025/02/25/2025-03133/commencing-the-reduction-of-the-federal-bureaucracy>.

28 ²⁹ Exec. Order No. 14238, *Continuing the Reduction of the Federal Bureaucracy*, 90 Fed. Reg.
 13043 (Mar. 20, 2025), <https://www.federalregister.gov/documents/2025/03/20/2025-04868/continuing-the-reduction-of-the-federal-bureaucracy>.

1 Implementing the President’s ‘Department of Governmental Efficiency,’” commonly known as
 2 “DOGE.” The EO required the head of each federal agency to establish a team of at least four
 3 DOGE employees within their agency.³⁰

4 ~~108-110.~~ According to the Order, DOGE would be “dedicated to advancing
 5 the President’s 18-month DOGE agenda.” *Id.* Although the “DOGE agenda” has never been
 6 publicly disclosed, DOGE’s targets for ostensible “efficiency” improvements have, in practice,
 7 born considerable resemblance to the Executive agenda manifest in Defendant Trump’s EOs.

8 ~~109-111.~~ On February 26, 2025, Defendant Trump doubled down. He issued
 9 EO No. 14222, “Implementing the President’s ‘Department of Governmental Efficiency’ Cost
 10 Efficiency Initiative.”³¹ Notwithstanding that the Constitution allocates spending power to
 11 Congress alone, the Order purported to begin the Executive’s “transformation in Federal spending
 12 on contracts, grants, and loans.” This Order required federal agencies to review all existing grants
 13 with an eye toward termination:

14 Each Agency Head, in consultation with the agency’s DOGE Team
 15 Lead, shall review all existing covered contracts and grants and,
 16 where appropriate and consistent with applicable law, terminate or
 17 modify (including through renegotiation) such covered contracts
 18 and grants to reduce overall Federal spending or reallocate spending
 19 to promote efficiency and advance the policies of my
 20 Administration. This process shall commence immediately and shall
 21 prioritize the review of funds disbursed under covered contracts and
 22 grants to educational institutions and foreign entities for waste,
 23 fraud, and abuse. Each Agency Head shall complete this review
 24 within 30 days of the date of this order.

25 ~~110-112.~~ According to DOGE’s self-described “Wall of Receipts,” as of June
 26 3, 2025, federal agencies had terminated over 15,000 grants, totaling roughly \$44 billion in
 27 “savings.”³²

28 ³⁰ Exec. Order No. 14158, *Establishing and Implementing the President’s “Department of Government Efficiency”*, 90 Fed. Reg. 8441 (Jan. 29, 2025),
<https://www.federalregister.gov/documents/2025/01/29/2025-02005/establishing-and-implementing-the-presidents-department-of-government-efficiency>.

³¹ Exec. Order No. 14222, *Implementing the President’s “Department of Government Efficiency” Cost Efficiency Initiative*, 90 Fed. Reg. 11095 (Mar. 3, 2025),
<https://www.federalregister.gov/documents/2025/03/03/2025-03527/implementing-the-presidents-department-of-government-efficiency-cost-efficiency-initiative>.

³² Department of Government Efficiency, *Savings*, DOGE.gov, <https://doge.gov/savings> (last

~~111.113.~~ Despite multiple successful legal challenges to President Trump's EOs and related directives,³³ Defendants have unlawfully terminated grants and continue to terminate grants previously awarded to Plaintiffs and the Class.

~~112.114.~~ Indeed, according to data posted by DOGE, the federal government has already terminated over **\$324 million**³⁴ in grants made to the UC system. The harm to UC researchers cannot be overstated.

~~113.115.~~ This lawsuit arises because, in unilaterally terminating Plaintiffs' federal grants without lawful cause, Defendants are flouting constitutional limits on the Executive's authority; violating the First Amendment's prohibition on viewpoint discrimination; denying due process of law under the Fifth Amendment; ignoring agency-specific statutory directives; and violating the APA.

~~114.116.~~ That these grant terminations violate the separation of powers became even clearer on May 28, 2025. Until then, DOGE was headed by Elon Musk. Now, according to the White House Press Secretary, DOGE will be led by "each and every member of the President's cabinet and the President himself, who is wholeheartedly committed to cutting waste, fraud and abuse from our government."³⁵ There is no longer any illusion that DOGE is

visited June 3, 2025).

³³ See, e.g., *Nat'l Assn. of Diversity Officers in Higher Education v. Trump*, No. 25-cv-0333-ABA (D. Md. Feb. 21, 2025) ECF No. 45 (preliminarily enjoining provisions requiring agencies to terminate equity-related grants); *Nat'l Ass'n of Diversity Officers in Higher Educ. v. Trump*, No. 25-1189 (4th Cir. Mar. 14, 2025), ECF No. 29 (staying preliminary injunction pending appeal); *Washington v. Trump*, No. 2:25-cv-244-LK (W.D. Wash. Feb. 28, 2025) ECF No. 50 (on February 28, 2025, preliminary enjoining sections that condition, withhold, or end federal funding in Plaintiffs states Colorado, Minnesota, Oregon, and Washington); *PFLAG, Inc. v. Donald J. Trump*, No. 8:25-cv-00337-BAH (D. Md. Mar. 4, 2025) ECF No. 116 (on March 4, 2025, preliminarily enjoining the same nationwide); *New York v. Trump*, No. 25-cv-39-JJM-PAS (D.R.I. Jan. 31, 2025), ECF No. 50 (preliminarily enjoining federal agency defendants from "pausing, freezing, blocking, canceling, suspending, terminating, or otherwise impeding the disbursement of appropriated federal funds to the States under awarded grants, executed contracts, or other executed financial obligations," based on both the OMB directive and Executive Orders, including the DEI and Gender Ideology Executive Orders).

³⁴ This number was produced by searching DOGE data posted at <https://api.doge.gov/docs>, which is accessible through DOGE's "Wall of Receipts" at <https://doge.gov/savings>. The \$324 million was determined by looking at "Savings" under the "Grants" category, for entries in which the UC system was listed as a recipient.

³⁵ Diana Stancy, *White House Discloses Who Will Lead DOGE Efforts After Musk's Departure*, Fox News (May 29, 2025), <https://www.foxnews.com/politics/white-house-discloses-who-lead-doge-efforts-after-musks-departure>.

1 more than a proxy for Defendant Trump and his priorities. The White House reiterated that each
 2 Cabinet secretary would work with DOGE employees at their agencies so that the “mission of
 3 DOGE will continue.”³⁶ The DOGE Trojan Horse has been welcomed inside the gates of the
 4 Federal Agency Defendants, and the harms to Plaintiffs and the Class thus will continue and very
 5 likely increase.

6 ~~115.117.~~ In adopting, implementing, and enforcing Defendant Trump’s
 7 “priorities” to illegally terminate grants, Defendants have caused and will continue to cause
 8 significant concrete harm to Plaintiffs and the Class, as well as the UC System and the broader
 9 public that benefits from UC research, discovery, and inventions.

10 **IV. Agencies that Terminated Lead Plaintiffs’ Grants Have Acted According to a**
 11 **Common Unlawful Pattern**

12 ~~116.118.~~ On information and belief, all Federal Agency Defendants similarly
 13 and abruptly failed to continue grants pursuant to Congress’s directives, instead substituting
 14 Defendant Trump’s agenda. In place of reasoned decision-making, the federal agencies took
 15 direction not only from the flurry of Executive Orders described herein, but in most instances also
 16 took direction directly from DOGE staffers, who have no authority to direct or redirect allocation
 17 of federal funds. Indeed, in other cases, the United States, per its Department of Justice counsel,
 18 has on the record taken the position that Elon Musk—who helmed DOGE until days ago—did not
 19 occupy an “office,” lacked a title conferring formal authority, and was thus beyond judicial
 20 review or legal consequence.³⁷

21 ~~117.119.~~ In terminating scores of already awarded federal grants, the Federal
 22 Agency Defendants acted recklessly in disregarding the law, failing to consider reliance interests,
 23 and failing to consider the harm resulting from immediately stopping ongoing research studies.
 24 These included terminations of grants that would require halting human drug trials midstream
 25 forcing researchers to breach basic principles of medical ethics.

26 _____
 27 ³⁶ *Id.*

28 ³⁷ *New Mexico v. Musk*, 2025 WL 1502747, at *13 (D.D.C. May 27, 2025) (“Essentially, Defendants argue, so long as the Executive acts without Congressional authority, the court cannot review its conduct.”).

1 ~~118-120.~~ Moreover, the Federal Agency Defendants conducted no proper
 2 review of grants, instead mass-terminating with form letters those grants they deemed (with no
 3 explanation) to no longer “effectuate” agency priorities, notwithstanding that agencies cannot
 4 substitute the President’s agenda for their congressionally imposed statutory mandates.

5 ~~119-121.~~ This Complaint examines the errant grant practices at the ~~three-six~~
 6 Agencies that terminated Named Plaintiffs’ grants—EPA, NEH, ~~and~~ NSF, DOD, and DOT—and
 7 then describes how this same pattern played out within each Federal Agency Defendant, to the
 8 categorical and common detriment of the Class of UC researchers. There are UC researchers with
 9 grants from each and all of these agencies, including grants that have been or are very likely to be
 10 arbitrarily terminated.

11 **A. Environmental Protection Agency**

12 ~~120-122.~~ The Environmental Protection Agency (“EPA”) is an independent
 13 federal agency established to address environmental pollution and protect the environment.

14 **1. Congress Established the EPA to Protect the Environment,**
 15 **Including Through Research**

16 ~~121-123.~~ Throughout the 1960s, the American public grew increasingly
 17 concerned with air pollution, water pollution, and environmental degradation generally. This
 18 concern was manifest most markedly in the multi-site celebration of the first Earth Day on April
 19 22, 1970, which drew an estimated 20 million Americans.³⁸ In response to such pressure,
 20 President Nixon the same year presented Congress with a comprehensive message on the
 21 environment and established a council to consider how to organize a federal response to
 22 environmental concerns.³⁹

23 ~~122-124.~~ On July 9, 1970, President Nixon sent Congress “Reorganization
 24 Plan No. 3 of 1970,” which proposed consolidating several existing federal agency duties into one
 25
 26

27 ³⁸ Earth Day Network, *The History of Earth Day*, <https://www.earthday.org/history/> (last visited May 29, 2025).

28 ³⁹ See U.S. Env’tl. Prot. Agency, *The Origins of EPA* (May 31, 2024),
<https://www.epa.gov/history/origins-epa>.

1 Environmental Protection Agency.⁴⁰ In his transmittal to Congress, President Nixon wrote that “it
 2 has become increasingly clear that we need to know more about the total environment—land,
 3 water, and air. It also has become increasingly clear that only by reorganizing our Federal efforts
 4 can we develop that knowledge, and effectively ensure the protection, development and
 5 enhancement of the total environment itself.”

6 ~~123-125.~~ Under the Reorganization Plan, EPA was given a “broad mandate”
 7 to “develop competence in areas of environmental protection that have not previously been given
 8 enough attention.” EPA would have the “capacity to do research on important pollutants
 9 irrespective of the media in which they appear, and on the impact of these pollutants on the total
 10 environment. Both by itself and together with other agencies, EPA would monitor the condition
 11 of the environment—biological as well as physical.”⁴¹

12 ~~124-126.~~ Although President Nixon (a Republican) disfavored the creation of
 13 new agencies, he broke his own rule “because arresting environmental deterioration is of great
 14 importance to the quality of life in our country and the world.” He thus “believe[d] that in this
 15 case a strong, independent agency is needed.”⁴²

16 ~~125-127.~~ The principal roles and functions of the new EPA would include:

- 17 • The establishment and enforcement of environmental protection standards
 18 consistent with national environmental goals.
- 19 • The conduct of research on the adverse effects of pollution and on methods
 20 and equipment for controlling it, the gathering of information on pollution,
 21 and the use of this information in strengthening environmental protection
 22 programs and recommending policy changes.
- 23 • Assisting others, through grants, technical assistance and other means in
 24 arresting pollution of the environment.
- 25 • Assisting the Council on Environmental Quality in developing and
 26 recommending to the President new policies for the protection of the
 27 environment.⁴³

28 ⁴⁰ U.S. Env'tl. Prot. Agency, *The Reorganization Plan No. 3 of 1970* (Sept. 6, 2016),
<https://www.epa.gov/archive/epa/aboutepa/reorganization-plan-no-3-1970.html>.

⁴¹ *Id.*

⁴² *Id.*

⁴³ *Id.*

~~126-128.~~ After conducting hearings, Congress approved the proposal and EPA was created. Its first Administrator was sworn in on December 4, 1970.⁴⁴

~~127-129.~~ EPA does not derive its regulatory authority from a single statute. Rather, a “number of laws serve as EPA’s foundation for protecting the environment and public health.” As Congress passes new environmental laws, EPA is most typically the agency tasked with writing regulations necessary to implement them.⁴⁵ Examples of key laws reflecting Congress’s mandates to EPA include the Clean Air Act; the Clean Water Act; the Safe Drinking Water Act; the Federal Fungicide, Insecticide, and Rodenticide Act; the Toxic Substances Control Act; the Resource Conservation and Recovery Act; the Comprehensive Environmental Response, Compensation, and Liability Act (Superfund); and many more. As a recent example, when Congress enacted the Inflation Reduction Act of 2022, it gave EPA a new mandate to administer an environmental and climate justice block grant program.⁴⁶

~~128-130.~~ These laws all direct EPA to carry out its core mission: “to protect human health and the environment.”⁴⁷

~~129-131.~~ Pursuant to this mission, EPA works to ensure that:

- Americans have clean air, land, and water;
- National efforts to reduce environmental risks are based on the best available scientific information;
- Federal laws protecting human health and the environment are administered and enforced fairly, effectively, and as Congress intended;
- Environmental stewardship is integral to U.S. policies concerning natural resources, human health, economic growth, energy, transportation, agriculture, industry, and international trade, and these factors are similarly

⁴⁴ U.S. Env’tl. Prot. Agency, *The Origins of EPA* (May 31, 2024), <https://www.epa.gov/history/origins-epa>.

⁴⁵ U.S. Env’tl. Prot. Agency, *Laws and Executive Orders*, (Jan. 29, 2025), <https://www.epa.gov/laws-regulations/laws-and-executive-orders>.

⁴⁶ Marianne Lavelle & Peter Aldhous, *Trump’s EPA Funding Cuts Target Disadvantaged Communities*, Inside Climate News (May 1, 2025), <https://insideclimatenews.org/news/01052025/trump-epa-funding-cuts-target-disadvantaged-communities/#:~:text=The%20EPA's%20declaration%20said%20it,environmental%20justice%20is%20being%20terminated.>

⁴⁷ U.S. Env’tl. Prot. Agency, *Our Mission and What We Do* (Apr. 21, 2025), <https://www.epa.gov/aboutepa/our-mission-and-what-we-do>.

considered in establishing environmental policy;

- All parts of society—communities, individuals, and businesses, as well as state, local, and Tribal governments—have access to accurate information sufficient to effectively participate in managing human health and environmental risks;
- Contaminated lands and toxic sites are cleaned up by potentially responsible parties and revitalized; and
- Chemicals in the marketplace are reviewed for safety.⁴⁸

~~130.132.~~ To accomplish its mission, EPA implements Congress’s environmental laws by writing and enforcing regulations.⁴⁹

~~131.133.~~ EPA also carries out its mission by making grants. Indeed, “EPA’s mission to protect human health and the environment is accomplished, in large part, by the awarding of funds to other organizations to conduct environmental program or projects.”⁵⁰ EPA awards more than \$4 billion in grants (called “assistance agreements”) every year.

~~132.134.~~ According to EPA, its authority to make grants comes from three sources. First is the U.S. Constitution, which gives Congress the power of the purse in the Spending Clause. Second are statutes, in which Congress directs funds to be allocated to specific programs. Finally, the EPA derives grant-making power from regulations.⁵¹

~~133.135.~~ EPA makes many types of grants. One especially important type is research grants, which are often obtained by university researchers.

~~134.136.~~ EPA funds research through its Science to Achieve Results (STAR) program; its People, Prosperity, and the Planet (P3) Program; and its Small Business Innovation Research (SBIR) program. According to the agency, these “help to engage top research scientists,

⁴⁸ *Id.*

⁴⁹ *Id.*

⁵⁰ U.S. Env’tl. Prot. Agency, *EPA Grants Overview for Applicants and Recipients*, <https://www.epa.gov/grants/epa-grants-overview-applicants-and-recipients> (last visited May 29, 2025).

⁵¹ U.S. Env’tl. Prot. Agency, *EPA Funding Instruments and Authorities*, <https://www.epa.gov/grants/epa-funding-instruments-and-authorities> (last visited May 29, 2025).

1 non-profit organizations, students, and small businesses that results in a strong scientific
2 foundation to support the Agency’s mission of protecting human health and the environment.”⁵²

3 ~~135-137.~~ The STAR program is the “primary competitive, peer-reviewed
4 extramural grant program that has awarded over 4,100 grants nationwide since 1995.” The
5 program “leverages the scientific and engineering expertise of academic and non-profit
6 institutions to conduct high priority environmental and public health research,” focusing on the
7 effects of “air pollution, water quality and quantity, hazardous waste, toxic substances, pesticides,
8 cumulative impacts, and more.”⁵³

9 ~~136-138.~~ STAR research is funded through Requests for Applications
10 (RFAs) that are derived from the EPA Office of Research and Development’s Strategic Plan.
11 These grants “concentrate on areas of special significance to the EPA mission.”⁵⁴

12 ~~137-139.~~ EPA grants are highly competitive. Of the approximately 2,500
13 proposals for STAR research grants every year, it awards only around 150 research grants and
14 125 graduate fellowships.⁵⁵

15 ~~138-140.~~ EPA research grants have funded critical projects, including
16 research to advance clean drinking water technologies, address knowledge gaps in antimicrobial
17 resistance, and reduce exposure to wildfire smoke.⁵⁶

18 **2. In Response to Trump Administration Directives, the EPA Improperly** 19 **Changed Priorities and Canceled Existing Grants**

20 ~~139-141.~~ On his first day in office, President Trump signed Executive Order
21 14151, “Ending Radical and Wasteful Government DEI Programs and Preferencing” (Jan. 20,
22 2025). The Order instructs the Director of the Office of Management and Budget (OMB), assisted
23 by the Attorney General and others, to “coordinate the termination of all discriminatory programs,

24 ⁵² U.S. Env’tl. Prot. Agency, *About EPA’s Research Grants*, <https://www.epa.gov/research-grants/about-epas-research-grants> (last visited May 29, 2025).

25 ⁵³ *Id.*

26 ⁵⁴ U.S. Env’tl. Prot. Agency, *Learn About Research Grants*, <https://www.epa.gov/research-grants/learn-about-research-grants> (last visited May 29, 2025).

27 ⁵⁵ *Id.*

28 ⁵⁶ *See, e.g.*, U.S. Env’tl. Prot. Agency, *Research Grants in the News* (Sept. 23, 2024), <https://www.epa.gov/research-grants/research-grants-news>.

1 including illegal DEI and ‘diversity, equity, inclusion, and accessibility’ (DEIA) mandates,
 2 policies, programs, preferences, and activities in the Federal Government, under whatever name
 3 they appear.” The Order repeatedly mentions “environmental justice” as a target.⁵⁷

4 ~~140-142.~~ In particular, Executive Order 14151 directs each federal agency to
 5 “terminate, to the maximum extent allowed by law, all DEI, DEIA, and ‘environmental justice’
 6 offices and positions... [and all] ‘equity-related’ grants or contracts” within 60 days.

7 ~~141-143.~~ The President also signed Executive Orders related to energy,
 8 including “Declaring a National Energy Emergency” and “Unleashing American Energy.”

9 ~~142-144.~~ Shortly after President Trump took office, the EPA began working
 10 closely with DOGE.

11 ~~143-145.~~ By March 7, 2025, the Democratic Staff of the Senate Committee
 12 on Environment and Public Works reported that the EPA had issued guidance to senior staff
 13 indicating that “all [funding] actions greater than \$50,000 now require approval from an EPA
 14 DOGE Team member.”⁵⁸

15 ~~144-146.~~ A huge part of this DOGE-EPA collaboration included mass-
 16 canceling grants. The EPA made no secret of DOGE’s hand in EPA affairs, but rather, touted the
 17 DOGE partnership in press releases.

18 ~~145-147.~~ For example, on February 25, 2025, an EPA press release
 19 announced a “second round of EPA-DOGE partnered cancellations.” EPA stated that these
 20 cancellations “represent more than \$60 million saved as the EPA puts a stop to wasteful DEI and
 21 environmental justice programs.”⁵⁹

22 _____
 23 ⁵⁷ Exec. Order No. 14151, *Ending Radical and Wasteful Government DEI Programs and*
 24 *Preferencing*, 90 Fed. Reg. 8339 (Jan. 20, 2025),
<https://www.federalregister.gov/documents/2025/01/29/2025-01953/ending-radical-and-wasteful-government-dei-programs-and-preferencing>.

25 ⁵⁸ Senate Env'tl. & Pub. Works Comm., *Letter to EPA Administrator Lee Zeldin Regarding*
 26 *\$50,000 Funding Approval Requirement* (Mar. 7, 2025),
https://www.epw.senate.gov/public/_cache/files/b/c/bc3eafbf-38ea-4197-b655-8466b9901dce/00C154E2DBAFFDF3EF5063DA374406502B1835873497F8DE2F439A1710460D09.3.7.25-letter-to-epa-re-50k-attachments-002-.pdf.

27 ⁵⁹ U.S. Env'tl. Prot. Agency, *EPA Administrator Lee Zeldin Cancels 20 Grants in 2nd Round of*
 28 *Cuts with DOGE, Saving Americans More than \$60M* (Feb. 25, 2025),
<https://www.epa.gov/newsreleases/epa-administrator-lee-zeldin-cancels-20-grants-2nd-round->

~~146-148.~~ In a March 10, 2025 press release, EPA announced a fourth round of EPA-DOGE grant terminations, this time stating it was cancelling more than 400 grants “across nine unnecessary programs.” This press release concluded, as have others, by stating: “EPA continues to work diligently to implement President Trump’s Executive Orders.”⁶⁰

~~147-149.~~ The EPA has aligned itself closely with the Trump Administration. For example, on March 12, 2025 alone, the EPA issued 10 press releases in which it referred to itself as the “Trump EPA.”⁶¹

~~148-150.~~ Also on March 12, EPA Acting Assistant Administrator Jeffrey Hall issued an internal memo regarding “Implementing National Enforcement and Compliance Initiatives Consistently with Executive Orders and Agency Priorities” (the “March 12 Administrator Memo”).⁶²

~~149-151.~~ Among EPA’s functions is to establish, every four years, National Enforcement and Compliance Initiatives (“NECIs”) that are published in the Federal Register. These are “national initiatives, developed in a non-partisan way across administrations” after soliciting public input.⁶³ NECIs allow the EPA to focus its resources on widespread problems.⁶⁴

~~150-152.~~ NECIs for fiscal year 2023-2027 were set on August 17, 2023. The six NECIs—half of which were modified or continued from prior years—are: (1) mitigating climate change; (2) addressing exposure to PFAS; (3) protecting communities from coal ash

cuts-doge-saving-americans.

⁶⁰ U.S. Env’tl. Prot. Agency, *EPA Administrator Lee Zeldin Cancels 400+ Grants in 4th Round of Cuts with DOGE, Saving Americans More than \$1.7B* (March 10, 2025), <https://www.epa.gov/newsreleases/epa-administrator-lee-zeldin-cancels-400-grants-4th-round-cuts-doge-saving-americans>.

⁶¹ U.S. Env’tl. Prot. Agency, *Search News Release*, <https://www.epa.gov/newsreleases/search?f%5B0%5D=year%3A2025-03&page=3> (last visited May 27, 2025).

⁶² U.S. Env’tl. Prot. Agency, *Implementing National Enforcement and Compliance Initiatives Consistently with Executive Orders and Agency Priorities* (Mar. 12, 2025), <https://www.epa.gov/system/files/documents/2025-03/necimemo-20250312.pdf>.

⁶³ U.S. Env’tl. Prot. Agency, *FY 2024–2027 National Enforcement and Compliance Initiatives* (Aug. 17, 2023), <https://www.epa.gov/system/files/documents/2023-08/fy2024-27necis.pdf>.

⁶⁴ *Id.*

contamination; (4) reducing air toxics in overburdened communities; (5) increasing compliance with drinking water standards; and (6) chemical accident risk reduction.⁶⁵

~~151-153.~~ While the March 12 Memo did not (yet) purport to eliminate the NECIs, it did state, ominously, that notwithstanding the robust and legally required public process used to produce them, “the focus of specific NECIs shall be adjusted to conform to the President’s Executive Orders and the Administrator’s Initiative.”⁶⁶

~~152-154.~~ The “Administrator’s Initiative” refers to EPA Administrator Lee Zeldin’s “Powering the Great American Comeback” initiative, which he announced on February 4, 2025. The initiative has five major pillars: (1) Clean Air, Land, and Water for Every American; (2) Restore American Energy Dominance; (3) Permitting Reform, Cooperative Federalism, and Cross-Agency Partnership; (4) Make the United States the Artificial Intelligence Capital of the World; and (5) Protecting and Bringing Back American Auto Jobs.⁶⁷

~~153-155.~~ More generally, the March 12 Memo made clear that the EPA would conform to President Trump’s wishes, regardless of the agency’s congressional mandates.

~~154-156.~~ In a court filing on April 23, 2025, an EPA Deputy Assistant Administrator (Dan Coogan) revealed that EPA leadership had conducted a review of grants to determine “which should be terminated based on alignment with Administration priorities.” He stated that “EPA began this process for the Administration in January 2025.”⁶⁸

~~155-157.~~ Although the EPA asserted that this was an “individualized, grant-by-grant review,” it provided no substantiation that this occurred, and there is no reason to believe that it did. Instead, Mr. Coogan revealed that EPA was slated to terminate entire grant programs

⁶⁵ *Id.*

⁶⁶ U.S. Env’tl. Prot. Agency, *Implementing National Enforcement and Compliance Initiatives Consistently with Executive Orders and Agency Priorities* (Mar. 12, 2025), <https://www.epa.gov/system/files/documents/2025-03/necimemo-20250312.pdf>.

⁶⁷ U.S. Env’tl. Prot. Agency, *ICYMI: Administrator Zeldin’s “Powering the Great American Comeback” Unveiled at the EPA* (Feb. 4, 2025), <https://www.epa.gov/newsreleases/icymi-administrator-zeldins-powering-great-american-comeback-unveiled-epa>.

⁶⁸ U.S. Env’tl. Prot. Agency, *EPA Court Filing* (Apr. 23, 2025), <https://www.documentcloud.org/documents/25919517-epa-court-filing-april-23-2025/?mode=document> at ¶ 3.

1 and spheres of activity that Congress had mandated in the Inflation Reduction Act. These
 2 included: (a) the Environmental Justice Collaborative Problem-Solving Cooperative Agreement
 3 Program; (b) Surveys, Studies, Investigations, Training and Special Purpose Activities Relating to
 4 Environmental Justice; (c) the Environmental Justice Government-to-Government Program; (d)
 5 the Environmental Justice Small Grant Program; (e) Financial Assistance for Community Support
 6 Activities To Address Environmental Justice Issues; (f) the Environmental Justice Thriving
 7 Communities Grantmaking Program; (g) the Environmental and Climate Justice Block Grant
 8 Program; and (h) Reducing Embodied Greenhouse Gas Emissions for Construction Materials and
 9 Products.⁶⁹

10 ~~156-158.~~ Despite a district court's issuance of a preliminary injunction on
 11 April 15, 2025 preventing the EPA from indefinitely freezing grants previously awarded under
 12 Biden-era legislation,⁷⁰ Mr. Coogan stated that the EPA would maintain its grant terminations. He
 13 revealed that EPA had sent notices of termination to 377 grantees, and would send termination
 14 letters to an additional 404 grantees within two weeks.⁷¹

15 ~~157-159.~~ On information and belief, EPA turned its attention to universities
 16 and other research grants on or around April 15, 2025. According to reports, Mr. Coogan on that
 17 date sent an email directing staff to cancel existing grants awarded to universities and research
 18 institutes.⁷²

19 ~~158-160.~~ Grant termination documents make plain that the agency is not
 20 conducting any proper review of grants, but rather, baselessly terminating grants to promote the
 21 President's agenda. Grants terminated because they supposedly do not "effectuate agency
 22

23 ⁶⁹ *Id.* at ¶ 6.

24 ⁷⁰ National Council of Nonprofits, *Statement in Response to Preliminary Injunction Issued in*
 25 *Woonasquatucket River Watershed Council et al v. Department of Agriculture et al* (Apr. 15,
 2025), <https://www.councilofnonprofits.org/pressreleases/statement-response-preliminary-injunction-issued-woonasquatucket-river-watershed>.

26 ⁷¹ *Id.* at ¶ 5.

27 ⁷² See Erik Stokstad, *EPA Orders Staff to Begin Canceling Research Grants*, Science (Apr. 21,
 28 2025), <https://www.science.org/content/article/epa-orders-staff-begin-canceling-research-grants>;
 and Hiriko Tabuchi, *E.P.A. Set to Cancel Grants Aimed at Protecting Children from Toxic*
Chemicals, The New York Times (Apr. 21, 2025),
<https://www.nytimes.com/2025/04/21/climate/epa-cuts-forever-chemicals-grants.html>.

1 priorities” (which mirror the President’s priorities) include those intended to, for example,
 2 provide clean drinking water in rural communities or provide air purifiers for children with
 3 asthma.⁷³

4 ~~159-161.~~ Instead of providing researchers with reasoned explanations of
 5 termination decisions, the EPA is sending form termination letters. The letters are not
 6 personalized or even signed.

7 ~~160-162.~~ One such letter, received by Plaintiff Thakur on April 28, 2025,
 8 reads as follows:

9 **Subject:** Termination of EPA Assistance Agreement [Grant No.]
 10 under 2 CFR 200.340

11 **From:** EPA Award Official

12 **To:** [Grant Recipient]

13 This EPA Assistance Agreement is terminated in its entirety
 14 effective immediately on the grounds that the award no longer
 15 effectuates the program goals or agency priorities. The objectives
 16 of the award are no longer consistent with EPA funding priorities.

17 The EPA Administrator has determined that, per the Agency’s
 18 obligations to the constitutional and statutory law of the United
 19 States, this priority includes ensuring that the Agency’s grants do
 20 not conflict with the Agency’s policy of prioritizing merit, fairness,
 21 and excellence in performing our statutory functions. In addition to
 22 complying with the law, it is vital that the Agency assess whether
 23 all grant payments are free from fraud, abuse, waste, and
 24 duplication, as well as to assess whether current grants are in the
 25 best interests of the United States.

26 The grant specified above provides funding for programs that
 27 promote initiatives that conflict with the Agency’s policy of
 28 prioritizing merit, fairness, and excellence in performing our
 statutory functions; that are not free from fraud, abuse, waste, or
 duplication; or that otherwise fail to serve the best interests of the
 United States. The grant is inconsistent with, and no longer
 effectuates, Agency priorities.

29 ~~161-163.~~ This pro-forma explanation citing vague “Agency priorities” does
 30 not constitute reasoned decision-making nor explain why the terminated grants no longer
 31 effectuate such priorities.

32 ⁷³ Hayley Smith, *California Nonprofits Suffer After EPA Cancels Hundreds of Environmental*
 33 *Grants*, Los Angeles Times (May 8, 2025), <https://www.latimes.com/environment/story/2025-05-08/california-nonprofits-suffer-after-epa-cancels-hundreds-of-environmental-grants>.

1 3. **EPA Plaintiffs and Other Grant Recipients Are Harmed by EPA's**
2 **Illegal Grant Terminations**

3 ~~162.164.~~ Plaintiffs and Class members have long relied on EPA grants to
4 fund meritorious projects aimed at protecting human health and the environment. The termination
5 of previously approved grants has caused and continues to cause Plaintiffs and Class members
6 serious harm.

7 a. **Plaintiff Neeta Thakur's Grant Termination and Resulting**
8 **Harm**

9 ~~163.165.~~ Dr. Neeta Thakur is a pulmonary and critical care specialist at the
10 University of California, San Francisco (UCSF) who examines the role of social and
11 environmental stressors on asthma and COPD in historically marginalized communities. She
12 currently serves as Medical Director of the Zuckerberg San Francisco General Hospital Chest
13 Clinic and is an associate professor of medicine and pulmonary and critical care clinician at
14 UCSF.

15 ~~164.166.~~ Dr. Thakur's research focuses on (1) defining obstructive lung
16 disease phenotypes that exist in racially and ethnically diverse communities and how these are
17 shaped by social and environmental stressors; (2) identifying community-specific drivers that
18 place individuals at high risk for poor outcomes; and (3) co-developing place-based and targeted
19 interventions aimed at social and environmental stressors to improve respiratory outcomes in
20 historically marginalized populations. In recognition of her research leadership, she was this year
21 (2025) made faculty director of Clinical Research Operations for the Clinical Trials Operations
22 Unit at UCSF's Clinical & Translational Science Institute.

23 ~~165.167.~~ Dr. Thakur's research has been supported by state grants, federal
24 grants from the National Institutes of Health (NIH), foundation grants, and other sources.

25 **Grant Application to EPA**

26 ~~166.168.~~ In November 2021, Dr. Thakur submitted a grant application to
27 EPA in response to its announcement of funding opportunity EPA-G2021-STAR-H1. This
28 opportunity, made available through the agency's Science to Achieve Results (STAR) program,

1 focused on “Cumulative Health Impacts at the Intersection of Climate Change, Environmental
2 Justice, and Vulnerable Populations/Lifestages: Community-Based Research for Solutions.”

3 ~~167-169.~~ The grant application, titled “Partnering for Resilient Opportunities
4 To Eliminate Toxic (PROTECT) Health Effects from Wildfire PM2.5 in Environmental Justice
5 Communities,” addressed the potential to prevent adverse health effects to environmental justice
6 communities from the fine particulate matter (PM2.5) from wildfire smoke.

7 ~~168-170.~~ The proposal aimed to (1) estimate the health effects of sub-daily
8 exposure to wildfire-specific PM2.5 in California, with particular focus on effects within
9 environmental justice communities; (2) understand community recovery from short-term health
10 effects following exposure; (3) understand indoor infiltration of wildfire smoke and the mitigating
11 effect of housing quality and behaviors on health effects; and (4) identify acceptable, community-
12 relevant interventions to mitigate exposure. Dr. Thakur was the Principal Investigator on the grant
13 proposal, which included nine investigators across three institutions: UCSF, UC Berkeley, and
14 California’s Office of Environmental Health Hazard Assessment.

15 ~~169-171.~~ The grant Application requested funding commensurate with the
16 cumulative 3-year budget of \$1,330,536 to support this multi-campus, multi-agency, multi-
17 nonprofit research collaboration.

18 EPA’s Grant Award

19 ~~170-172.~~ On November 22, 2022, an EPA Senior Grants Management
20 Specialist, Jennifer Brooks, sent Dr. Thakur a Notice of EPA’s award and the Grant Agreement.
21 The Agreement authorized the proposal for Project Period 12/01/2022-11/30/2025; committed an
22 initial grant of \$690,000 (approximately half of project costs); and explained that EPA was
23 “funding this agreement incrementally.”

24 ~~171-173.~~ On June 21, 2023, Brooks sent Dr. Thakur a second Notice of EPA
25 Award and an Assistance Amendment. The Amendment likewise indicated that the team was
26 authorized to proceed for Project Period 12/01/2022-11/30/2025. It stated that EPA was awarding
27 \$640,536, bringing the total federal funding award to \$1,330, 536.

28 EPA’s Grant Termination

1 ~~172-174.~~ On April 28, 2025, EPA sent to the UC Regents an “Assistance
2 Amendment” that instructed Thakur’s team to “stop work; terminate the [grant] agreement;
3 reduce performance period duration; [and] curtail scope of work.” It stated that “(EPA) hereby
4 awards \$0.00” towards any unfunded, as-yet-unincurred costs of the previously awarded
5 \$1,330,536.

6 ~~173-175.~~ The Assistance Amendment stated: “The Agency is asserting its
7 right under 2 C.F.R. 200.340 and the Termination General Term and Condition [sic] of this
8 agreement to unilaterally terminate this award.” The Amendment was accompanied by a
9 memorandum from EPA to the Director of Contracts and Awards at UCSF titled “Termination of
10 EPA Assistance Agreement RD 84048101 under 2 CFR 200.340.”

11 ~~174-176.~~ The memo stated that EPA terminated Dr. Thakur’s grant because
12 “the award no longer effectuates the program goals or agency priorities.” It further asserted that
13 the grant “provides funding for programs that promote initiatives that conflict with the Agency’s
14 policy of prioritizing merit, fairness, and excellence in performing our statutory functions; that are
15 not free from fraud, abuse, waste, or duplication; or that otherwise fail to serve the best interests
16 of the United States. The grant is inconsistent with, and no longer effectuates, Agency priorities.”

17 ~~175-177.~~ This explanation does not explain why the grant would contradict
18 agency priorities when EPA Director Zeldin has announced new priorities under his “Powering
19 the Great American Comeback” initiative that align fully with the purpose of Dr. Thakur’s grant.
20 The first stated EPA priority is “Clean Air, Land, and Water for Every American.”⁷⁴ Dr. Thakur’s
21 grant effectuates that purpose.

22 ~~176-178.~~ As a result of this unilateral, unlawful grant termination, Dr. Thakur
23 has been unable to complete health analyses with UC Berkeley grantee-colleagues, or to identify
24 promising strategies to protect community health across California during wildfire smoke events.

25 ~~177-179.~~ Instead, Dr. Thakur has had to spend significant time seeking
26 alternate funding sources. This includes unexpected grant writing, and reaching out to other

27
28 ⁷⁴ U.S. Env’tl. Prot. Agency, *EPA Administrator Lee Zeldin Announces EPA’s “Powering the Great American Comeback” Initiative* (Feb. 4, 2025), <https://www.epa.gov/newsreleases/epa-administrator-lee-zeldin-announces-epas-powering-great-american-comeback>.

1 funding sources, including philanthropy groups. In addition, to support staff and avoid layoff of
 2 two individuals, she has had to use her own discretionary funds to support team members.

3 ~~178-180.~~ The UCSF and UC Berkeley researchers on this grant have also
 4 been unable to complete the proposed analyses of the health impacts of wildfire smoke events
 5 across California. This is after considerable work by UC Berkeley researchers to develop a map
 6 unprecedented in its detail, showing hourly levels of wildfire smoke by location. As a
 7 consequence of termination, at least three research publications will go unpublished that have the
 8 potential for high impact for public health and for science more generally.

9 ~~179-181.~~ The premature termination of this grant has also compromised the
 10 trust-building necessary for community-engaged participatory action research. It has taken years
 11 of effort for Dr. Thakur to develop relationships with the community based organizations and
 12 community-engaged individuals who assisted Dr. Thakur in obtaining this grant (by writing
 13 letters in support), with the expectation that her project would deliver tangible benefits to their
 14 low income communities in the form of improved respiratory health. EPA's termination of this
 15 grant will make it more difficult for her and her collaborators to partner with organizations such
 16 as the Central California Asthma Collaborative in Fresno and the environmental justice nonprofit
 17 Brightline in San Francisco, as well as a specific community-trusted scientist in Richmond.

18 ~~180-182.~~ Additionally, were Dr. Thakur and her team to eventually find
 19 replacement funding for this project (a difficult proposition given the sums at stake), they would
 20 no longer be adequate to cover personnel, equipment and outreach expenses.

21 ~~181-183.~~ These personal and financial harms are ongoing.

22 ~~182-184.~~ These harms are in addition to the loss of value to the public from
 23 Dr. Thakur's research team's inability to complete work on studying health risks from the fine
 24 particulate matter associated with wildfire, and inability to design health-protective interventions
 25 for three of California's most health-vulnerable communities.

26 **b. Plaintiff Ken Alex's Grant Termination and Resulting Harm**

27 ~~183-185.~~ Since 2019, Ken Alex has served as Director of Project Climate at
 28 the Center for Law, Energy & the Environment (CLEE) at UC Berkeley School of Law. He

1 founded Project Climate, a think tank designed to move promising environmental research into
2 the policy realm quickly.

3 ~~184.186.~~ Prior to joining CLEE, Alex worked for many years for Governor
4 Jerry Brown on climate-related policy and, before that, for the California Attorney General's
5 Office. His roles as climate policy expert and gubernatorial advisor on the topic were the subject
6 of a 2020 profile in CalMatters.⁷⁵

7 EPA Grant Application

8 ~~185.187.~~ In 2022, EPA's Office of Research and Development sought
9 applications proposing research on air emissions from municipal solid waste (MSW) landfills,
10 which are a significant source of methane emissions—one of Alex's areas of expertise. The grant
11 solicitation was part of EPA's Science to Achieve Results (STAR) program, and was conducted
12 in collaboration with the Air, Climate, and Energy (ACE) research program.

13 ~~186.188.~~ EPA's request for applications solicited proposals that addressed
14 EPA-identified research priorities, including "cost effective stationary, mobile, aerial, and remote
15 sensing" technologies and measurements that could accurately quantify methane emissions from
16 landfills and evaluate strategies to mitigate them. EPA also sought proposals that encompassed
17 landfill emissions of "hazardous air pollutants (HAPs), and other air pollutant emissions from
18 municipal solid waste (MSW) landfills."⁷⁶

19 ~~187.189.~~ In collaboration with a UC Berkeley engineer with specialized
20 expertise in landfill design and other researchers, Alex developed a detailed proposal for applying
21 cutting edge technologies, including satellites and AI, to improve the detection of methane and
22 HAP releases from landfills and to improve the quality of policy responses. The Grant
23 Application was submitted to EPA on December 21, 2022. It proposed a cumulative budget of
24 \$999,999 (later rounded to \$1,000,000).

25 Award of Grant Funding

26 ⁷⁵ See Julie Cart, *Meet Ken Alex, Gov. Brown's Climate Concierge* (updated June 23, 2020),
27 <https://calmatters.org/environment/2018/10/ken-alex-jerry-brown-climate-change-california/>.

28 ⁷⁶ See EPA Solicitation for PA-G2023-STAR-B1, *Understanding and Control of Municipal Solid Waste Landfill Air Emissions*,
https://cfpub.epa.gov/ncer_abstracts/index.cfm/fuseaction/display.rfatext/rfa_id/701.

~~188-190.~~ On October 19, 2023, EPA notified UC Berkeley that it was awarding the grant, and provided the first of two installments of grant funding.

~~189-191.~~ On December 16, 2024, EPA notified UC Berkeley that it was awarding the second and final installment of grant funding, bringing the total funding awarded to \$1,000,000.

~~190-192.~~ The EPA's web page, *Understanding and Control of Municipal Solid Waste Landfill Air Emissions Grants* (<https://www.epa.gov/research-grants/understanding-and-control-municipal-solid-waste-landfill-air-emissions-grants>) (accessed May 12, 2025) continues to publicize the grant as one among five awarded.

EPA's Grant Termination

~~191-193.~~ On April 29, 2025, EPA sent to the UC Regents an "Assistance Amendment" that instructed Alex's research team to "stop work; terminate the [grant] agreement; reduce performance period duration; [and] curtail scope of work." It stated that "(EPA) hereby awards \$0.00" towards any unfunded, as-yet-unincurred costs of the previously awarded \$1,000,000.

~~192-194.~~ The Assistance Amendment stated: "The Agency is asserting its right under 2 C.F.R. 200.340 and the Termination General Term and Condition of this agreement to unilaterally terminate this award." The Amendment was accompanied by a memorandum from EPA titled "Termination of EPA Assistance Agreement RD 84062301 under 2 CFR 200.340."

~~193-195.~~ The memo stated that EPA terminated Alex's grant because "the award no longer effectuates the program goals or agency priorities." The memo further asserted that the grant "provides funding for programs that promote initiatives that conflict with the Agency's policy of prioritizing merit, fairness, and excellence in performing our statutory functions; that are not free from fraud, abuse, waste, or duplication; or that otherwise fail to serve the best interests of the United States. The grant is inconsistent with, and no longer effectuates, Agency priorities."

~~194-196.~~ The memo did not explain why Alex's grant no longer effectuates EPA priorities, which currently include "Clean Air, Land, and Water for Every American."

Harm from EPA's Grant Termination

~~195-197.~~ Alex and his project team have suffered immediate harm as a result of the unlawful unilateral cancellation of the grant. Specifically, the team has been unable to continue and complete the novel work related to evaluating HAPs and their relationship to methane emissions from landfills. Furthermore, some of his researchers and graduate students have already lost hours and compensation, and one or more will likely be let go.

~~196-198.~~ Even if Alex and his team were eventually to find replacement funding for this project (a difficult proposition given the sum at stake), the delay and uncertainty would preclude full recovery of the project.

c. Plaintiff Nell Green Nylen's Grant Terminations and Resulting Harm

~~197-199.~~ Dr. Nell Green Nylen joined the Wheeler Water Institute at the Center for Law, Energy & the Environment (CLEE) at UC Berkeley School of Law as a Research Fellow in 2013. Since 2016, she has been a Senior Research Fellow at CLEE, providing analysis and recommendations at the intersection of law, policy, and science to inform water governance and management.

~~198-200.~~ Much of Dr. Green Nylen's work at CLEE has focused on improving management of water resources across hydrologic extremes—from times of water scarcity to times of abundance. This includes research on enhanced aquifer recharge ("EAR"), a tool for capturing water to increase groundwater supply. Another area of her focus has been improving the information and policy environment for implementing innovative water management solutions, including water reuse.

~~199-201.~~ EPA unilaterally terminated two large grants Dr. Green Nylen was working on that were meant to fund collaborative work with other researchers on issues at the core of her technical and legal expertise.

EPA Enhanced Aquifer Recharge Grant Application and Funding

~~200-202.~~ In 2021, EPA's Office of Research and Development sought applications proposing research to develop cost-benefit tools to support EAR. The grant

solicitation was part of EPA’s Science to Achieve Results (STAR) program and solicited research proposals that would “identify the key economic, technological, institutional, and legal factors that affect the ability to implement” EAR projects; identify best practices and tools for implementing EAR projects to achieve different purposes; and, ultimately, “improve life-cycle cost-benefits analysis to support cost-effective enhanced aquifer recharge.”

~~201-203.~~ Dr. Green Nylen was part of a UC Berkeley team that collaborated with a broader multi-disciplinary team of researchers from UC Davis, UC Santa Cruz, and UC Law San Francisco to develop a proposal that they submitted to EPA on January 13, 2022.

~~202-204.~~ The proposal—titled “A Knowledge-to-Implementation Framework for Enhanced Aquifer Recharge”—described a three-year project with outputs including: (a) developing guidance on evaluating EAR sites, determining what conditions are necessary to effectively maintain an EAR project, and ensuring that EAR projects maintain aquifer water quality; (b) developing guidance on navigating the legal, policy, and organizational contexts for EAR; (c) developing recommendations for legal and policy changes that could facilitate EAR; (d) developing a generalized framework for cost-benefit analysis of EAR projects; and (e) creating a capstone “Lifecycle Map” report on EAR. In other words, the outputs would provide one-stop shopping for people interested in planning, evaluating, and implementing EAR projects. The Grant Application proposed a cumulative budget of \$2,000,000 (later adjusted to \$1,999,998).

~~203-205.~~ On July 20, 2022, EPA notified UC Berkeley that it was awarding the grant. The award was publicized on EPA’s web page, *Life-Cycle Analysis to Support Cost-Effective Enhanced Aquifer Recharge Grant* (<https://www.epa.gov/research-grants/life-cycle-analysis-support-cost-effective-enhanced-aquifer-recharge-grant>). The grant’s original end date was August 31, 2025. On April 10, 2025, Dr. Green Nylen’s team requested a no-cost extension of the grant for which they received verbal approval and were awaiting formal written approval.

EPA’s Termination of the Enhanced Aquifer Recharge Grant

~~204-206.~~ On May 7, 2025, EPA sent the UC Regents a document styled as an “Assistance Amendment” that instructed Dr. Green Nylen’s team to “stop work; terminate the [grant] agreement; reduce performance period duration; [and] curtail scope of work.” It also

1 stated that “(EPA) hereby awards \$0.00” towards any as-yet-unincurred costs. Through the
 2 Assistance Amendment, EPA was purportedly “asserting its right under 2 CFR 200.340 and the
 3 Termination General Term and Condition of this agreement to unilaterally terminate this award.”
 4 ~~205-207.~~ The Amendment was accompanied by a memorandum from EPA to
 5 the Contracts and Grants Officer for the Regents of the University of California titled
 6 “Termination of EPA Assistance Agreement RD- 84046301-1 under 2 CFR 200.340.” The memo
 7 stated that EPA terminated Dr. Green Nylen’s grant because, according to the memo, “the award
 8 no longer effectuates the program goals or agency priorities.” The memo further asserted that the
 9 grant “provides funding for programs that promote initiatives that conflict with the Agency’s
 10 policy of prioritizing merit, fairness, and excellence in performing our statutory functions; that are
 11 not free from fraud, abuse, waste, or duplication; or that otherwise fail to serve the best interests
 12 of the United States. The grant is inconsistent with, and no longer effectuates, Agency priorities.”

13 ~~206-208.~~ The memo did not explain why EPA had concluded that Dr. Green
 14 Nylen’s award is “no longer consistent with EPA funding priorities,” which are defined partly by
 15 governing statutes, and federal statutes specifically identify EAR research as an EPA funding
 16 priority and mandate. *See* 33 U.S.C § 1276. It also did not explain why the project was
 17 inconsistent with the EPA’s priority pillars, which include ensuring that “[e]very American [has]
 18 access to clean air, land, and water” and prioritizing permitting reform.⁷⁷ The core purpose of the
 19 team’s research is promoting access to clean water.

20 EPA Water Reuse Grant Application and Funding

21 ~~207-209.~~ In 2021, EPA’s Office of Research and Development sought
 22 applications proposing research designed to “accelerate water innovation, information
 23 availability, and engagement to advance clean and safe water reuse goals, promote better
 24 understanding of the Nation’s water and wastewater treatment and infrastructure, and enhance the
 25 availability and efficient use of water resources through water reuse.”

26
 27
 28 ⁷⁷ *See Administrator Lee Zeldin Announces EPA’s “Powering the Great American Comeback” Initiative*, EPA (Feb. 4, 2025), <https://www.epa.gov/newsreleases/epa-administrator-lee-zeldin-announces-epas-powering-great-american-comeback>.

~~208-210.~~ In response to the solicitation, the Director of the Wheeler Water Institute at CLEE and Dr. Green Nylen collaborated with a multi-disciplinary team of researchers from Iowa State University and the University of Rhode Island to develop a research proposal aimed at accelerating readiness for water reuse in small water systems across the nation.

~~209-211.~~ The lead Principal Investigator at Iowa State University submitted the grant proposal—titled “Accelerating Technical and Community Readiness for Water Reuse in Small Systems”—to EPA on September 29, 2021. It described a four-year project that would (a) develop methods to inventory sources of water for beneficial reuse across the nation; (b) produce guidance on water source / treatment technology / end-use combinations that may be appropriate for small communities; (c) support cost-benefit analysis of different water reuse options in small communities; (d) survey small communities to assess public attitudes towards different water reuse options; (e) produce guidance on opportunities for fostering institutional innovation to overcome barriers to water reuse in small communities; and (f) construct implementation roadmaps centered around windows of opportunity for water reuse for several case-study communities.

~~210-212.~~ The Grant Application proposed a total budget of \$4,057,500, combining a request for \$3,246,000 of federal funds with a commitment from the research team to provide an \$811,500 cost share from other sources. The budget included (a) personnel and personnel travel costs; (b) participant support costs; (c) laboratory supplies and laboratory user fees; (d) support for consultants; (e) tuition remission for graduate students; and (f) indirect costs. This included a subaward of \$559,941 to UC Berkeley.

~~211-213.~~ On August 8, 2022, EPA notified Iowa State University that it was awarding the grant, and Iowa State University notified the subrecipients, including UC Berkeley. The award was publicized on EPA’s web page, *National Priorities: Water Innovation, Science and Engagement to Advance Water Reuse Grants* (<https://www.epa.gov/research-grants/national-priorities-water-innovation-science-and-engagement-advance-water-reuse-1>).

EPA's Termination of the Water Reuse Grant

1 ~~212-214.~~ On May 12, 2025, EPA sent to Iowa State University a document
 2 styled as an “Assistance Amendment” that instructed Dr. Green Nylen’s team to “stop work;
 3 terminate the [grant] agreement; reduce performance period duration; [and] curtail scope of
 4 work.” It also stated that “(EPA) hereby awards \$0.00” towards any as-yet-unincurred costs.
 5 Through the Assistance Amendment, the EPA was purportedly “asserting its right under 2 CFR
 6 200.340 and the Termination General Term and Condition of this agreement to unilaterally
 7 terminate this award.”

8 ~~213-215.~~ The Amendment was accompanied by a memorandum from EPA to
 9 the Pre-Award Administrator at Iowa State University titled “Termination of EPA Assistance
 10 Agreement CR- 84046101 under 2 CFR 200.340.” The memo stated that EPA terminated Dr.
 11 Green Nylen’s grant because, according to the memo, “the award no longer effectuates the
 12 program goals or agency priorities.” The memo further asserted that the grant “provides funding
 13 for programs that promote initiatives that conflict with the Agency’s policy of prioritizing merit,
 14 fairness, and excellence in performing our statutory functions; that are not free from fraud, abuse,
 15 waste, or duplication; or that otherwise fail to serve the best interests of the United States. The
 16 grant is inconsistent with, and no longer effectuates, Agency priorities.” The reasons provided for
 17 termination of the EPA Water Reuse Grant and the EPA Enhanced Aquifer Recharge Grant were
 18 identical.

19 ~~214-216.~~ As with the EPA Enhanced Aquifer Recharge Grant, the
 20 termination memo for the EPA Water Reuse Grant did not explain how EPA concluded that the
 21 award is “no longer consistent with EPA funding priorities,” even though EPA states that
 22 addressing the wastewater challenges of small, rural communities remains one of its ongoing
 23 priorities.⁷⁸

24 Harm from the Grant Terminations

25
 26
 27 ⁷⁸ See *EPA Announces \$49 Million in Technical Assistance to Help Rural, Small, and Tribal*
 28 *Communities Address Wastewater Challenges* (Apr. 29, 2025),
<https://www.epa.gov/newsreleases/epa-announces-49-million-technical-assistance-help-rural-small-and-tribal-0>.

~~215-217.~~ Dr. Green Nylen, and the larger project teams for both grant projects, have suffered immediate harm as a result of the cancellation of these grants.

~~216-218.~~ For the Enhanced Aquifer Recharge Grant, the harms include: an inability to proceed with the basic work of refining the team's analysis and distilling that information for the capstone Lifecycle Map report and the team's inability to work together to complete the capstone report and the accompanying cost-benefit analysis decision support tool.

~~217-219.~~ For the Water Reuse Grant, the harms include an inability to proceed with the basic work of the project. For example, the team has been unable to continue their interview-based research. Further, if the funding is not reinstated, the work that has already gone into the project will go to waste.

~~218-220.~~ For both grants, even if replacement funding is secured, the delay will preclude full recovery of the project. The current teams are unlikely to be able to stay together over a prolonged period. Further, time spent searching for replacement funding has considerable opportunity and financial costs (as well as societal costs), as that time would otherwise be allocated to work on other water-related research projects that confer public benefit.

~~219-221.~~ In addition, at CLEE, the jobs of every member of the water team are currently threatened by these grant terminations. CLEE is a self-funded entity at UC Berkeley that does not receive general salary support from the University. Without grant and contract funding, the team members will not get paid their full salary and could lose their jobs. Absent the reinstatement of these grants, members of the team could likely be let go in the coming months.

B. National Endowment for the Humanities

~~220-222.~~ The National Endowment for the Humanities ("NEH") is an independent federal agency established to support the advancement of the humanities across the United States.

1 **1. Congress Established NEH to Fund Projects to Support Humanities**
 2 **Research, Training, and Education**

3 ~~221.223.~~ Congress created NEH in 1965, as part of the National Foundation
 4 on the Arts and Humanities Act of 1965 (“NFAHA”). Pub. L. 89-209, 79 Stat. 845 (Sept. 29,
 5 1965) (codified at 20 U.S.C. §§ 951-60).

6 ~~222.224.~~ The legislation was the result of years of advocacy to ensure that
 7 arts and humanities were not left behind as the nation focused on scientific progress. As laid out
 8 in the enabling statute, a “high civilization must not limit its efforts to science and technology
 9 alone but must give full value and support to the other great branches of man’s scholarly and
 10 cultural activity.” P.L. 89-209, sec. 2(2). Congress further explained that it was necessary and
 11 appropriate for the federal government to create and sustain a “climate encouraging freedom of
 12 thought, imagination, and inquiry.” *Id.* at (4).

13 ~~223.225.~~ In the sixty years since NFAHA’s passage, Congress has repeatedly
 14 reaffirmed its commitment to these goals. Last updated in 1990, the enabling statute makes clear
 15 that the “humanities belong to all people of the United States,” 20 U.S.C. § 951(1), and that
 16 “[d]emocracy demands wisdom and vision in its citizens. It must therefore foster and support a
 17 form of education, and access to the arts and the humanities, designed to make people of all
 18 backgrounds and wherever located masters of their technology and not its unthinking servants.”
 19 *Id.* at § 951(4).

20 ~~224.226.~~ In other words, congressional intent was to ensure that what is now
 21 sometimes short-handed as “DEI,” and branded by Defendants as illegal and undesirable, was
 22 Congress’s actual mandate, unchanged for 60 years, until upended on Inauguration Day.

23 ~~225.227.~~ Congress determined it is “necessary and appropriate for the
 24 Federal Government to complement, assist, and add to programs for the advancement of the
 25 humanities and the arts by local, State, regional, and private agencies and their organizations.” 20
 26 U.S.C. § 951(5). Congress created NEH and its sister agency the National Endowment for the
 27 Arts (“NEA”) so Americans could understand “the diversity of excellence that comprises our
 28 cultural heritage.” *Id.* at 951(9).

1 ~~226-228.~~ Accordingly, Congress established NEH to provide funding for
2 individuals involved in research, publication of scholarly works, and promotion of the humanities.
3 See 20 U.S.C. § 956. Under the statute, the Chairperson of the NEH is “authorized to enter into
4 arrangements, including contracts, grants, loans, and other forms of assistance” to effectuate these
5 goals. *Id.*

6 ~~227-229.~~ Congress’s directives for NEH specifically require it to support
7 diverse and underrepresented viewpoints.

8 ~~228-230.~~ For example, one statutory function of NEH is to authorize grants
9 to “initiate and support programs and research which have substantial scholarly and cultural
10 significance and that reach, or reflect the diversity and richness of our American cultural heritage,
11 including the culture of, a minority, inner city, rural, or tribal community.” 20 U.S.C. § 956(c)(4).

12 ~~229-231.~~ Likewise, in selecting recipients of funding, NEH’s Chairperson
13 “shall give particular regard to scholars, and educational and cultural institutions, that have
14 traditionally been underrepresented.” 20 U.S.C. § 956(c).

15 ~~230-232.~~ Congress’s commitment to funding humanities initiatives that
16 mirror the breadth and diversity of American culture is clear in the structure of the grant-making
17 process. Under the statute, the Chairperson of the NEH determines funding “with the advice of
18 the National Council on the Humanities.” 20 U.S.C. § 956(c).

19 ~~231-233.~~ The Council is comprised of twenty-six members appointed by the
20 President, “selected from among private citizens of the United States who are recognized for their
21 broad knowledge of, expertise in, or commitment to the humanities,” and who will “provide a
22 comprehensive representation of the view of scholars and professional practitioners in the
23 humanities and of the public throughout the United States.” 20 U.S.C. § 957(b). In making
24 appointments, the “President shall give due regard to equitable representation of women,
25 minorities, and individuals with disabilities who are involved in the humanities.” *Id.*

26 ~~232-234.~~ NEH’s Chairperson “shall not approve or disapprove any such
27 application [for funding] until the Chairperson has received the recommendation of the Council.”
28 *Id.* at § 957(f).

~~233-235.~~ NEH's other statutory functions include providing funding to:

- a. develop and encourage the pursuit of a national policy for the promotion of progress and scholarship in the humanities;
- b. initiate and support research and programs to strengthen the research and teaching potential of the United States in the humanities by making arrangements with individuals or groups to support such activities;
- c. initiate and support training and workshops in the humanities by making arrangements with institutions or individuals;
- d. foster international programs and exchanges;
- e. foster the interchange of information in the humanities;
- f. foster, with groups, education in, and public understanding and appreciation of the humanities;
- g. support the publication of scholarly works in the humanities;
- h. ensure that the benefit of its programs will also be available to our citizens where such programs would otherwise be unavailable due to geographic or economic reasons; and
- i. foster programs and projects that provide access to, and preserve materials important to research, education, and public understanding of, the humanities.

20 U.S.C. § 956.

~~234-236.~~ For sixty years, NEH has carried out its duty to fund research, training, and education that advance the humanities. Since 1965, NEH has awarded over \$6 billion to support “museums, historic sites, universities, teachers, libraries, documentary filmmakers, public TV and radio stations, research institutions, scholars, and local humanities programming.”⁷⁹ Indeed, NEH is the largest federal funder of the humanities, and (at least until recently) offered 47 grant programs that support humanities work around the country.⁸⁰

⁷⁹ Nat'l Endowment for the Humanities, <https://www.neh.gov/>, (last visited May 27, 2025).

⁸⁰ Nat'l Endowment for the Humanities, *Grants*, <https://www.neh.gov/grants> (last visited May 27, 2025).

~~235-237.~~ Since its inception, NEH funding has contributed to over 70,000 projects in all 50 states and jurisdictions; over 9,000 books (including 20 Pulitzer Prize winners); and over 500 film and radio programs (including six Oscar nominees, 30 Peabody award winners, and 27 Emmy award winners).⁸¹ NEH funding has also supported collecting the papers of twelve United States presidents and of several other notable American figures including Mark Twain, Thomas Edison, Martin Luther King Jr., and Ernest Hemingway.⁸²

~~236-238.~~ NEH has long had a strong relationship with the UC system. In 1974, for example, NEH supported UC Berkeley as it launched what would become the National Writing Project, which trains teachers to help youth nationwide learn how to do research, form arguments, and write publicly on topics they care about.⁸³ And in 2011, NEH and China's Ministry of Culture hosted a "Bi-national Conversation on Bridging Cultures" at UC Berkeley, bringing together artists, writers, historians, and political theorists of both countries.⁸⁴

~~237-239.~~ As designed by statute, NEH funding supports a broad array of projects, including preserving endangered languages, digitizing early newspapers, depicting the history of the civil rights struggle through film, and detailing what life was like for early American colonists.⁸⁵

~~238-240.~~ Prior to January 20, 2025, NEH funding recipients were selected after a rigorous review process. Every year, NEH recruits over 1,000 experts from every state and organizes them into 200 review panels that evaluate roughly 5,700 grant applications. The panels are selected for their expertise in disciplines relevant to the grant programs.⁸⁶ The panels are announced in the Federal Register, and panelists' names are listed in NEH's annual reports.

⁸¹ Nat'l Endowment for the Humanities, NEH Funding by the Numbers (description of data on homepage), <https://www.neh.gov/> (last visited May 27, 2025).

⁸² *Id.*

⁸³ Nat'l Writing Project, <https://www.nwp.org/> (last visited May 29, 2025).

⁸⁴ Nat'l Endowment for the Humanities, *NEH Timeline*, <https://www.neh.gov/about/history/timeline> (last visited May 27, 2025).

⁸⁵ *See, e.g.*, Nat'l Endowment for the Humanities, *NEH Essentials*, <https://www.neh.gov/essentials> (last visited May 27, 2025).

⁸⁶ Nat'l Endowment for the Humanities, *NEH's Application Review Process*, <https://www.neh.gov/grants/application-process> (last visited June 2, 2025).

~~239-241.~~ This exacting review proceeded as follows: After a grant application was submitted, it was assigned to a specific peer-review panel based on academic discipline, institutional type, project area, or project type. The evaluators on the panel read all assigned applications and assigned them a rating based on “NEH’s published review criteria and program guidelines.” These criteria “emphasize humanities significance, the applicant’s abilities and qualifications, the proposal’s clarity of expression, and the project’s feasibility, design, cost, and work plan.”⁸⁷ After each evaluator assessed the application, the panel would meet to discuss the applications.

~~240-242.~~ Next, NEH staff reviewed the panels’ work and recommended the most meritorious applications to the National Council (described above). The Council meets three times a year to discuss the applications and finalize recommendations to the Chairperson.⁸⁸ The Chairperson made the final funding decisions, taking into account the advice provided throughout the review process.⁸⁹

~~241-243.~~ Each year, NEH typically makes about 900 grants, ranging from approximately \$1,000 to \$750,000 each. Across all grant programs, only about sixteen percent of applications receive funding.⁹⁰ The projects selected for funding by NEH thus represent the best of the best.

~~242-244.~~ Congress has repeatedly affirmed its support for NEH’s mission, appropriating funds for grant-making every fiscal year.

~~243-245.~~ In the 2024 Appropriations Act, for example, Congress appropriated \$207,000,000 to NEH, with \$192,000,000 specifically designated for grants, loans, contracts, and other assistance to further the purposes set forth under 20 U.S.C. § 956(c), and \$15,000,000 designated to carry out NEH’s “matching grants” program. Pub. L. 118-42, 138 Stat. 25, 281-82 (Mar. 9, 2024).

⁸⁷ *Id.*

⁸⁸ *Id.*

⁸⁹ *Id.*

⁹⁰ *Id.*

1 ~~244-246.~~ On March 15, 2025, notwithstanding the Executive Orders or
 2 DOGE’s mandates, Congress enacted a Continuing Appropriations and Extensions Act, which re-
 3 appropriated all of the funds appropriated to NEH under the 2024 Act. Pub. L. 119-4, §§ 1101-08,
 4 139 Stat. 9, 10-12 (Mar. 15, 2025). NEH thus received another roughly \$200 million to spend on
 5 grants. NEH announced \$22.6 million in grants for 219 humanities projects across the country on
 6 January 14, 2025.⁹¹

7 **2. In Response to Trump Administration Directives, NEH Improperly**
 8 **Changed Priorities and Canceled Existing Grants**

9 ~~245-247.~~ Around the very same time Congress was re-appropriating grant-
 10 making funds to NEH, as noted above, the agency came under fire from the Trump
 11 Administration.

12 ~~246-248.~~ On March 13, 2025, NEH Chair Shelly Low was directed by the
 13 White House to resign. Shortly thereafter, DOGE agents began visiting NEH. DOGE actors
 14 recommended dramatically cutting NEH staff and cancelling grants made under the Biden
 15 administration that had not been fully paid out.⁹² According to reports, Acting NEH Chair
 16 Michael McDonald told staff that DOGE wanted to claw back \$175 million in undispersed grant
 17 money.⁹³

18 ~~247-249.~~ On March 20, 2025, NEH posted a webpage titled “NEH
 19 Implementation of Recent Executive Orders.” The page stated that NEH was updating the
 20 Funding Restrictions section of its Notices of Funding Opportunities (“NOFOs”) in order “to
 21 comply with several recent Executive Orders, including ‘Ending Radical and Wasteful
 22 Government DEI Programs and Preferencing,’ ‘Defending Women from Gender Ideology
 23
 24

25 ⁹¹ Nat’l Endowment for the Humanities, *NEH Announces \$22.6 Million for 219 Humanities*
 26 *Projects Nationwide*, <https://www.neh.gov/news/neh-announces-grant-awards-jan-2025> (last
 27 visited May 27, 2025)..

28 ⁹² Jennifer Schuessler, *DOGE Demands Deep Cuts at Humanities Endowment*, N.Y. Times (Apr.
 1, 2025), <https://www.nytimes.com/2025/04/01/arts/trump-doge-federal-cuts-humanities.html>.

⁹³ Elizabeth Blair, *Cultural groups across U.S. told that federal humanities grants are terminated*,
 NPR (Apr. 3, 2025), <https://www.npr.org/2025/04/03/nx-s1-5350994/neh-grants-cut-humanities-doge-trump>.

Extremism and Restoring Biological Truth to the Federal Government,’ and ‘Ending Radical Indoctrination in K-12 Schooling.’”⁹⁴

~~248-250.~~ The page provided “Frequently Asked Questions,” including, for example, Q: “Does the addition of the new guidance on gender ideology ... mean that NEH will not fund projects on ... the suffragist movement?” A: “No, not necessarily. The restrictions only apply to the categories mentioned in the relevant Executive Orders. We encourage you to read the relevant Executive Orders and consider whether your project’s topic – joining with its goals, methodology, activities, and intended audience – seems allowable.”

~~249-251.~~ The page only discussed the implication of the Executive Orders on grant applications, not terminations of existing grants.

~~250-252.~~ Nonetheless, on or around April 2, 2025, recipients of NEH grant funding began receiving emails informing them that their grants had been terminated. Peculiarly, these emails did not come from an NEH server or government email address, but rather, from “Grant_Notifications@nehemail.onmicrosoft.com.”⁹⁵ The terminations were not made through NEH’s grants management system.

~~251-253.~~ The emails attached a form termination letter. On information and belief, the termination letters sent to all grantees on April 2 and thereafter were nearly identical and lacked any individualized analysis or discussion of any terminated grant.

~~252-254.~~ The termination letters received by Plaintiffs and Class members contained the following “explanation” for the terminations:

Your grant no longer effectuates the agency’s needs and priorities and conditions of the Grant Agreement and is subject to termination due to several reasonable causes, as outlined in *2CFR* § 200.340. NEH has reasonable cause to terminate your grant in light of the fact that the NEH is repurposing its funding allocations in a new direction in furtherance of the President’s agenda. The President’s February 19, 2025 executive order mandates that the NEH eliminate all non-

⁹⁴ Nat’l Endowment for the Humanities, *Implementation of Recent Executive Orders* (Mar. 20, 2025), <https://www.neh.gov/executive-orders>.

⁹⁵ Adding yet another layer of irregularity, the “onmicrosoft.com” domain is notoriously used by cybercriminals and other malicious actors to carry out phishing attacks. *See, e.g.,* Smedh Arun Patil, Cloud That, *Proactive Strategies Against “.onmicrosoft.com” Phishing Attacks* (Dec. 13, 2023), <https://www.cloudthat.com/resources/blog/proactive-strategies-against-onmicrosoft-com-phishing-attacks>

1 statutorily required activities and functions. *See Commencing the*
 2 *Reduction of the Federal Bureaucracy*, E.O. 14217 (Feb. 19, 2025).
 3 Your grant’s immediate termination is necessary to safeguard the
 4 interests of the federal government, including its fiscal priorities. The
 5 termination of your grant represents an urgent priority for the
 6 administration, and due to exceptional circumstances, adherence to
 7 the traditional notification process is not possible. Therefore, the
 8 NEH hereby terminates your grant in its entirety effective April 1,
 9 2025.

10 ~~253.255.~~ Although the termination letter to NEH grantees states that
 11 Executive Order 14217 “mandates that the NEH eliminate all non-statutorily required activities
 12 and functions,” that Order in fact makes no mention of NEH (despite mentioning other
 13 agencies).⁹⁶

14 ~~254.256.~~ The termination letters make no effort to explain how or why the
 15 relevant grant fails to “effectuate[] the agency’s needs and priorities” or otherwise warrant
 16 termination. Nor did they address NEH’s prior assessment—through its comprehensive panel and
 17 Council review process—that these projects *do* effectuate agency priorities and are aligned with
 18 the statutory mandate and goals of NEH.

19 ~~255.257.~~ The termination letters likewise fail to explain what “exceptional
 20 circumstances” preclude adherence to ordinary notification procedures.

21 ~~256.258.~~ Additionally, the termination letters included no reference to any
 22 method for appeal or to seek reconsideration, even though NEH’s General Terms and Conditions
 23 require that grantees have a right to appeal a termination.⁹⁷

24 ⁹⁶ See Exec. Order No. 14217, *Commencing the Reduction of the Federal Bureaucracy*, 90 Fed.
 25 Reg. 10577 (Feb. 25, 2025), [https://www.federalregister.gov/documents/2025/02/25/2025-](https://www.federalregister.gov/documents/2025/02/25/2025-03133/commencing-the-reduction-of-the-federal-bureaucracy)
 26 03133/commencing-the-reduction-of-the-federal-bureaucracy. President Trump also issued Exec.
 27 Order 14238, *Continuing the Reduction of the Federal Bureaucracy*, on March 14, 2025,
 28 [https://www.federalregister.gov/documents/2025/03/20/2025-04868/continuing-the-reduction-of-](https://www.federalregister.gov/documents/2025/03/20/2025-04868/continuing-the-reduction-of-the-federal-bureaucracy)
 the-federal-bureaucracy. This Order also made no mention of NEH.

⁹⁷ See Nat’l Endowment for the Humanities, *General Terms and Conditions for Awards to*
 Organizations (for grants and cooperative agreements issued between January 1, 2022, and
 September 30, 2024 (Mar. 15, 2025), [https://www.neh.gov/general-terms-and-conditions-awards-](https://www.neh.gov/general-terms-and-conditions-awards-organizations-grants-and-cooperative-agreements-issued-january-2022#Toc92721724)
 organizations-grants-and-cooperative-agreements-issued-january-2022#Toc92721724, section
 13 (terms for grants issued January 1, 2022 to September 30, 2024) and Nat’l Endowment for the
 Humanities, *General Terms and Conditions for Awards to Organizations (for grants and*
cooperative agreements issued October 1, 2024, or later) (Mar. 13, 2025),
<https://www.neh.gov/general-terms-and-conditions-grants-after-oct-2024>, section XIII (terms for
 grants issued October 1, 2024 or later).

1 ~~257-259.~~ On April 24, 2025—three weeks *after* NEH began terminating
 2 existing grants—the agency issued a press release titled: “An Update on NEH Funding Priorities
 3 and the Agency’s Recent Implementation of Trump Administration Executive Orders.”⁹⁸

4 ~~258-260.~~ The press release stated that NEH had, in recent weeks, “taken
 5 several internal operational steps to improve efficiency, eliminate offices that are not essential to
 6 fulfilling its statutory requirements, and to return to being a responsible steward of taxpayer
 7 funds.”⁹⁹ It further stated that NEH had also taken steps to “ensure that all future awards will,
 8 among other things, be merit-based, awarded to projects that do not promote extreme ideologies
 9 based upon race or gender, and that help to instill an understanding of the founding principles and
 10 ideals that make America an exceptional country.”

11 ~~259-261.~~ As part of the press release, NEH issued a new “Statement on NEH
 12 Priorities” and “Frequently Asked Questions.”¹⁰⁰

13 ~~260-262.~~ The “Statement on NEH Priorities” reads as follows:

14 Founded in 1965, the National Endowment for the Humanities
 15 (NEH) is a grant-making agency of the U.S. government dedicated
 16 to supporting exemplary humanities research and programming in
 17 service of the American people. It does so by investing in the most
 18 meritorious proposals for the advancement and dissemination of
 19 humanities learning.

18 As set forth in NEH’s enabling legislation, the humanities include
 19 the study of modern and classical languages, linguistics, literature,
 20 history, jurisprudence, philosophy, archaeology, comparative
 21 religion, ethics, the history of the arts, and those aspects of the social
 22 sciences which have humanistic content and use humanistic methods,
 23 as well as other areas.

21 To bring the wisdom of the humanities to all Americans, NEH
 22 supports research projects that advance humanistic learning,
 23 preservation projects that ensure access to significant humanities
 24 resources, education projects that strengthen teaching in the
 25 humanities, and public programing that conveys the best of the
 26 humanities to all Americans.

25 ⁹⁸ Nat’l Endowment for the Humanities, *An Update on NEH Funding Priorities and the Agency’s*
 26 *Recent Implementation of Trump Administration Executive Orders*,
 27 [https://www.neh.gov/news/update-neh-funding-priorities-and-agencys-recent-implementation-](https://www.neh.gov/news/update-neh-funding-priorities-and-agencys-recent-implementation-trump-administration-executive)
[trump-administration-executive](https://www.neh.gov/news/update-neh-funding-priorities-and-agencys-recent-implementation-trump-administration-executive) (last visited May 27, 2025).

27 ⁹⁹ *Id.*

28 ¹⁰⁰ Nat’l Endowment for the Humanities, *Updates on NEH Priorities* (Apr. 24, 2025),
<https://www.neh.gov/updates-neh-priorities>.

1 Moving forward, NEH is especially interested in projects on the
 2 nation's semiquincentennial and U.S. history more generally. In
 3 addition, the agency will be more finely attuned to its statutory
 responsibility that "funding should contribute to public support and
 confidence in the use of taxpayer funds."

4 As per longstanding agency policy, NEH-supported projects must
 5 not promote a particular political, religious, or ideological point of
 6 view and must not engage in political or social advocacy. NEH-
 supported projects should not preference some groups at the expense
 of others and should ultimately support public purposes.

7 The principles of intellectual significance, merit, competition, and
 8 equal opportunity lie at the heart of NEH's mission.

9 261-263. Two of the posted "Frequently Asked Questions" addressed the
 10 terminated grants:

11 Q: Why is NEH cancelling awards?

12 A: All federal grantmaking agencies, including NEH, must
 13 ensure that taxpayer dollars are spent effectively and are
 14 consistent with each agency's mission. This requires that
 15 NEH regularly evaluate its funding priorities within the
 policy framework established by Congress, the
 Administration, and the head of NEH. Awards and
 programming must align with these priorities.

16 Q: What types of awards are being cancelled?

17 A: In collaboration with the Administration, NEH has cancelled
 18 awards that are at variance with agency priorities, including
 19 but not limited to those on diversity, equity, and inclusion
 (or DEI) and environmental justice, as well as awards that
 may not inspire public confidence in the use of taxpayer
 funds.

20 262-264. This post-hoc explanation does not constitute reasoned decision-
 21 making, nor could it provide appropriate notice to grant recipients that their grants would be
 22 terminated, or constitute sufficient rationale therefor.

23 263-265. NEH's new "priorities" also directly contradict its statutory
 24 mandate to make grants that "reflect the diversity and richness of our American cultural heritage"
 25 and "give particular regard to scholars, and educational and cultural institutions, that have
 26 traditionally been underrepresented." 20 U.S.C. § 956(c).

~~264-266.~~ As it explains in its new statements, NEH has dramatically narrowed its definition of agency “priorities” based on Defendant Trump’s Executive Orders or otherwise in “collaboration with the Administration.”

~~265-267.~~ In so doing, NEH improperly ignores the statutory priorities Congress set out in 20 U.S.C. § 956, which Congress reaffirmed by allocating additional grant-making funds to NEH in March 2025.

3. NEH Plaintiffs And Other Grant Recipients Are Harmed by NEH’s Illegal Grant Terminations

~~266-268.~~ Plaintiffs and Class members have long relied on NEH grants to fund meritorious projects in the humanities. The termination of nearly all previously awarded grants has caused and continues to cause Plaintiffs and class members serious harm.

a. Plaintiff Robert Hirst’s Grant Termination and Resulting Harm

~~267-269.~~ Plaintiff Robert Hirst is the curator of the Mark Twain Papers and general editor of the Mark Twain Project at the Bancroft Library at the University of California, Berkeley. He has served in this role since 1980.

~~268-270.~~ The Mark Twain Papers contain the voluminous private papers of Samuel Langhorne Clemens, known to all Americans by his pen name, “Mark Twain.” He has long been considered one of the most important writers of the 19th Century. His papers were bequeathed to the University of California in 1962; hundreds of original documents have since been added to that core collection. The collection makes it possible to read, in a single location, virtually every surviving document in Mark Twain’s hand.

~~269-271.~~ The Mark Twain Project, a major editorial and publishing program of the Bancroft Library, is housed within the Mark Twain Papers archive. The aim of this Project is to create, maintain, correct, and update a permanent, globally accessible resource for the life and writings of Mark Twain. The Project hosts over 200 in-person and online visits to the Papers each year. In addition, the editors routinely go out to speak about the collection and the edition to students and to a variety of other interested groups. In order to maintain this collection and conduct ongoing research, the Mark Twain Papers and Project employ five full-time editors.

1 ~~270-272.~~ Since 2001, the Mark Twain Project has focused much of its effort
 2 on the Mark Twain Project Online (the “Online Project”), which is intended to make available all
 3 of the Project’s edited texts. Its original online website platform has become obsolete and work is
 4 underway to migrate the website and database to a modern, technologically supportable platform.

5 ~~271-273.~~ In his recently published biography of Mark Twain, writer Ron
 6 Chernow—a Pulitzer Prize-winning biographer—wrote: “Perhaps no other American author can
 7 boast such a richly documented record. . . . With its learned editions and digitized website, the
 8 Mark Twain Papers ranks as one of the foremost scholarly achievements of our era.”

9 ~~272-274.~~ NEH has awarded more than \$11,000,000 to support the editorial
 10 work of the Mark Twain Project, without interruption, since 1967, and has also made a generous
 11 challenge grant for the renovation of the Online Project.

12 ~~273-275.~~ On the occasion of the NEH’s 50th birthday in 2015, the agency
 13 honored the Mark Twain Papers and Project as one among fifty nationwide across five decades
 14 that “‘have shaped what we think and what we know about ourselves and our culture’ since
 15 1965.”¹⁰¹

16 Application (RQ-300297) for Grant Funding

17 ~~274-276.~~ On November 29, 2023, the Mark Twain Project, through the
 18 Regents of the University of California, submitted to the NEH an Application for Federal
 19 Domestic Assistance—application RQ-300297, titled “Mark Twain Project.” Dr. Hirst’s Grant
 20 Application sought to draw the Mark Twain Project nearer to its goal of making all of Twain’s
 21 works available to the public for free through the Online Project.

22 ~~275-277.~~ The Grant Application proposed a cumulative budget of \$900,000,
 23 including \$450,000 in NEH funds. This budget would fund roughly half the salaries for three
 24 editors and a digital publications manager for three years. The other half of the staff salaries
 25 would need to be paid by private funds raised by Dr. Hirst.

26
 27
 28 ¹⁰¹ Sharon Goetz, *Mark Twain Papers and Project Honored by NEH*, UC Berkeley Library
 UPDATE (Oct. 9, 2015), <https://update.lib.berkeley.edu/2015/10/09/mark-twain-papers-and-project-honored-by-neh/>.

Award of Grant (RQ-300297) Funding

~~276-278.~~ On August 28, 2024, UC Berkeley received a letter from the chair of the NEH, approving the Mark Twain Project's application RQ-300297 to receive an offer for funding ("Offer Letter").

~~277-279.~~ The Offer Letter provided UC Berkeley up to \$450,000 in federal matching funds if Dr. Hirst raised an equal amount of eligible non-federal, third-party gifts, and certified their availability, and if NEH had available to it sufficient funds allocated for matching purposes. The Offer Letter provided: "If you wish to accept this offer of support, your response to the above condition(s) and the Gift Certification Form must be submitted via eGMS Reach, NEH's online electronic grant management system no later than June 30, 2027."

~~278-280.~~ On October 31, 2024, the university's Sponsored Projects Office ("SPO") accepted the NEH offer and sent in the required certification, signed by Dr. Hirst.

Termination of Grant (RQ-300297) Funding

~~279-281.~~ On April 2, 2025, UC Berkeley received an email from the address "Grant_Notifications@nehemail.onmicrosoft.com," purporting to be from Michael McDonald, Acting Chairman for the National Endowment for the Humanities (the "Termination Email"). This is not an e-mail domain that NEH has ever used to communicate with Dr. Hirst or the university regarding the Mark Twain Project.

~~280-282.~~ Attached to the Termination Email was a letter from Michael McDonald, Acting Chairman for the National Endowment for the Humanities, cancelling the Mark Twain Project's grant, Award No. RQ-300297-25, in its entirety effective April 1, 2025 (the "Termination Letter").

~~281-283.~~ The Termination Letter reads in relevant part:

Your grant no longer effectuates the agency's needs and priorities and conditions of the Grant Agreement and is subject to termination due to several reasonable causes, as outlined in *2CFR200.340*. NEH has reasonable cause to terminate your grant in light of the fact that the NEH is repurposing its funding allocations in a new direction in furtherance of the President's agenda. The President's February 19, 2024 executive order mandates that the NEH eliminate all non-statutorily required activities and functions. *See Commencing the Reduction of the Federal Bureaucracy*, E.O. 14217 (Feb. 19, 2025).

1 Your grant's immediate termination is necessary to safeguard the
2 interests of the federal government, including its fiscal priorities. The
3 termination of your grant represents an urgent priority for the
4 administration, and due to exceptional circumstances, adherence to
the traditional notification process is not possible. Therefore, the
NEH hereby terminates your grant in its entirety effective April 1,
2025.

5 282-284. Dr. Hirst then searched for the Mark Twain Project's grant on
6 eGMS Reach, NEH's online electronic grant management system. He could find no record of the
7 grant or his many communications about it on eGMS Reach: It had apparently been deleted
8 entirely from the system. Agency erasure of grant records was unprecedented in Dr. Hirst's multi-
9 decade relationship with NEH.

10 283-285. Dr. Hirst spoke with his longtime NEH program officer, Jason
11 Boffetti, who told him that DOGE had required NEH to lay off most of its staff if the agency
12 wanted to continue to operate.

13 Harm Suffered from Termination of Grant (RQ-300297)

14 284-286. Dr. Hirst, the Mark Twain Papers and Project, and project staff,
15 have suffered immediate harm as a result of the cancellation of their NEH grant, which will
16 continue into the future.

17 285-287. In lieu of conducting his editorial work, Dr. Hirst will have to
18 refocus his time on fundraising to replace the cancelled grant funding (\$450,000).

19 286-288. The financial uncertainty created by this grant cancellation
20 significantly threatens his ability to retain the highly trained and experienced staff working on the
21 Mark Twain Project. These individuals are among the world's experts on Mark Twain, and their
22 knowledge of the collection is irreplaceable.

23 287-289. The cancellation threatens the migration of the collection to new
24 platforms as the existing ones have become obsolete. Because the online platform allows scholars
25 and students from all over the world to access these original documents, any interruption or delay
26 in this work is very harmful to the Project and to the many who regularly access or will want to
27 access these materials in the future.

288-290. In addition, Dr. Hirst and his staff will have less ability to go out to schools and universities to share the incomparable work of Mark Twain.

289-291. The termination of Plaintiff Hirst's grant is especially ironic given then NEH continues to promote the collection of Mark Twain's papers as a significant achievement on its website's homepage.¹⁰² Moreover, Mark Twain is included in the list of individuals in Executive Order 13987, "Building the National Garden of American Heroes," which seeks to create a statue garden of such heroes, and which NEH now says it will provide grant funding to support.¹⁰³

b. Plaintiff Christine Philliou's Grant Termination and Resulting Harm

290-292. Dr. Christine Philliou is a Professor of History at the University of California, Berkeley. Previously, she was a professor at Columbia University and Yale University.

291-293. She is the author of two books: *Turkey: A Past Against History* (University of California Press, 2021), and *Biography of an Empire: Governing Ottomans in an Age of Revolution* (University of California Press, 2010), as well as dozens of articles and book chapters. Her work has received numerous recognitions, including a Fulbright-Hays Research Fellowship, a Brookings Institution Research Award, and the Lenfest Distinguished Faculty Award, and has led to offers of fellowships from Stanford University and the American Council of Learned Societies.

292-294. In addition to her research and teaching, Dr. Philliou founded the Program in Modern Greek and Hellenic Studies at the Institute for European Studies; the Turkish Ottoman and Post-Ottoman Studies Initiative at the Center for Middle Eastern Studies; and the

¹⁰² Nat'l Endowment for the Humanities, NEH Funding by the Numbers (description of data on homepage), <https://www.neh.gov/> (last visited May 27, 2025).

¹⁰³ Nat'l Endowment for the Humanities, *National Garden of American Heroes: Statues*, <https://www.neh.gov/program/national-garden-american-heroes-statues> (last visited May 27, 2025); Exec. Order No. 13978, *Building the National Garden of American Heroes*, 86 Fed. Reg. 6809 (Jan. 22, 2021), <https://www.federalregister.gov/documents/2021/01/22/2021-01643/building-the-national-garden-of-american-heroes>.

Istan-Polis collaborative research project. All are designed to broaden and deepen appreciation for the history of Turkey, Greece, and the Ottoman Empire.

Application for Grant Funding (RZ-292650-23)

~~293-295.~~ On November 29, 2022, through the Regents of the University of California, Dr. Philliou submitted to the NEH an Application for Federal Domestic Assistance titled “Visualizing Local Christian Communities in Muslim Cosmopolitan Istanbul in the 19th and 20th Centuries.”

~~294-296.~~ The purpose of the grant was to help fund the Istan-Polis Project, an effort to reconstruct and analyze the history of Istanbul’s Orthodox Christian communities in the final Ottoman century. The grant would also fund development of a public-facing website to display the results of data projects and to feed further research and collaboration. The focus on the experience of Istanbul’s Christian minority in the final stage of the Ottoman Empire was intended to provide new tools for scholars seeking to clarify how the tensions between cosmopolitanism and nationalism were historically manifested in cities globally. Such work has obvious relevance to pressing questions of nationalism versus broader inclusion of minority groups today.

Award of Grant Funding (RZ-292650-23)

~~295-297.~~ On September 22, 2023, the University of California, Berkeley and Dr. Philliou received a letter from Shelly Lowe, the chair of the NEH, approving Project Application RZ-292650-23 for funding (the “Offer Letter”) for an award of \$246,347.00 over three years.

~~296-298.~~ In response to the award of the grant, Dr. Philliou’s team planned for and then began executing the steps laid out in the grant application. This included team members’ travel to Berkeley for a winter meeting in January 2024, to Europe in June 2024 for a related seminar, and to Istanbul in June-July 2024 for an *in situ* seminar. The team hired and contracted with project managers to coordinate transcription and other work on the census register project, and spent funds on the project's website infrastructure. This included contracting with independent contractors, purchasing airline tickets, reimbursing expenses for international and domestic travel, hiring student workers, and paying vendors for lodging and catering.

1 ~~297-299.~~ Overall, in Year 1 the team focused on the Old City of Istanbul. The
 2 resulting website has become a treasure to people with Greek heritage and other heritages tracing
 3 their lineage to Istanbul around the world, and received special recognition from the Archbishop
 4 of North and South America, Elpidophoros. The team's Year 1 *in situ* seminar was also life-
 5 changing for the undergraduate and graduate students who accompanied the research team.

6 ~~298-300.~~ Years 2 and 3 of the grant were to focus on the Frankish Quarter
 7 and other neighborhoods up and down the Bosphorus. They would have produced similarly
 8 dramatic, perspective-changing results.

9 Termination of Grant Funding (RZ-292650-23)

10 ~~299-301.~~ On April 2, 2025, UC Berkeley received an email from the address
 11 "Grant_Notifications@nehemail.onmicrosoft.com," sent on behalf of Michael McDonald, Acting
 12 Chairman for the NEH (the "Termination Email"). Attached to the Termination Email was a letter
 13 cancelling grant RZ-292650-23, effective the prior day, April 1.

14 ~~300-302.~~ The Termination Letter states that the grant "no longer effectuates
 15 the agency's needs and priorities . . . in light of the fact that the NEH is repurposing its funding
 16 allocations in a new direction in furtherance of the President's agenda. The President's February
 17 19, 2025 executive order mandates that the NEH eliminate all non-statutorily required activities
 18 and functions. See Commencing the Reduction of the Federal Bureaucracy, E.O. 14217 (Feb. 19,
 19 2025)." It further stated that "adherence to the traditional notification process is not possible"
 20 because of "exceptional circumstances."

21 Harm Suffered from Termination of Grant Funding

22 ~~301-303.~~ The Istan-Polis Project, its staff, and Dr. Philliou have suffered
 23 direct and immediate harm as a result of the cancellation of the grant. Work on the website has
 24 been disrupted. A seminar in Istanbul for this summer very likely will not proceed. Staff who
 25 were depending on funds provided by the grant may be without a livelihood. Researchers may not
 26 even be paid for work they have already performed. In addition, the team incurred \$46,750 in
 27 project expenses that remain unreimbursed. Further, the end of the grant will likely mean an end
 28 to the project as a whole and the closing of a remarkable window on history that had just opened.

1 **C. National Science Foundation**

2 ~~302.304.~~ The National Science Foundation (“NSF”) is an independent
3 federal agency intended to promote the progress of science in the United States.

4 **1. Congress Established the National Science Foundation to Promote**
5 **Scientific Research on a Broad Scale to Advance the United States’**
6 **National Interests**

7 ~~303.305.~~ NSF was created after World War II when it became clear that
8 federally funded scientific research was key to the nation’s national security interests. Describing
9 it as an Act “[t]o promote the progress of science; to advance the national health, prosperity, and
10 welfare; to secure the national defense; and for other purposes,” Congress established NSF in
11 1950 through the enactment of the National Science Foundation Act of 1950 (the “Act”). Public
12 Law 81-507 (codified at 42 U.S.C. § 1861 et seq.).

13 ~~304.306.~~ The NSF’s core function is making grants to fund innovative
14 scientific research. The NSF awards grants through an apolitical merit review process, under
15 which panels of disinterested scientific experts vet grant applications and make award decisions.
16 The NSF’s merit review process is often referred to as the “gold standard” of scientific review,
17 and NSF-funded research has contributed to some of the most important scientific advances of the
18 past 70 years.

19 ~~305.307.~~ The Act arose out of the growing awareness during World War II
20 that science was crucial to the United States’ national interest and security, as science was key to
21 the Allied successes in the war. Indeed, during World War II, federal government support of
22 scientific research accelerated dramatically, and a growing consensus emerged in favor of
23 continuing government support of basic scientific research after the end of the war.

24 ~~306.308.~~ The NSF’s statutorily defined mission “is to provide Federal
25 support for basic scientific and engineering research, and to be a primary contributor to
26 mathematics, science, and engineering education at academic institutions in the United States.” 42
27 U.S.C. § 1862k(a)(6)(A).

28 ~~307.309.~~ The Act establishes a series of core “functions” for the NSF. Chief
among them, the Act authorizes and directs the NSF to “initiate and support basic scientific

1 research in the mathematical, physical, medical, biological, engineering, and other sciences,” as
 2 well as “specific scientific research activities in connection with matters relating to the national
 3 defense.”

4 ~~308.310.~~ The Act also directs the NSF to provide “grants, loans, and other
 5 forms of assistance” to support scientific research” and award “scholarships and graduate
 6 fellowships in the mathematical, physical, medical, biological, engineering, and other sciences.”

7 ~~309.311.~~ The Act has been amended at various times since 1950. Since at
 8 least 1980, Congress has recognized that for the United States to maintain its competitive edge, it
 9 would need to encourage and prepare people from groups traditionally underrepresented in STEM
 10 to acquire skills and pursue careers in science and engineering fields. Congress consequently
 11 declared that “the highest quality science over the long-term requires substantial support, from
 12 currently available research and education funds, for increased participation in science and
 13 technology by women and minorities.” Pub. L. 96-516, § 32. Congress later *expanded* this
 14 declaration to include increasing participation for people with disabilities. 42 U.S.C. § 1885(b).
 15 The importance of STEM to the interests of the United States prompted Congress, in 1980, to
 16 prescribe a national policy to promote “full use of the human resources of the Nation” in STEM
 17 fields:

18 The Congress declares it is the policy of the United States to
 19 encourage men and women, equally, of all ethnic, racial, and
 20 economic backgrounds to acquire skills in science and mathematics,
 21 to have equal opportunity in education, training, and employment in
 22 scientific and technical fields, and thereby to promote scientific
 literacy and the full use of the human resources of the Nation in
 science and technology.

23 Pub. L. 96-516 § 32. In other words, Congress has consistently acted to consciously *expand*
 24 STEM access rather than to narrow it, by affirmative outreach to groups not traditionally invited
 25 or encouraged to contribute to STEM initiatives.

26 ~~310.312.~~ One such act was the National Science Foundation Authorization
 27 Act of 1998 (the “1998 Amendment”). The 1998 Amendment to the Act reaffirmed the NSF’s
 28

1 statutory commitment to making the United States a leader in STEM fields, and it set as long-
 2 term goals for the NSF to provide leadership to:

3 a. enable the United States to maintain a position of world leadership
 4 in all aspects of science, mathematics, engineering, and technology;

5 b. promote the discovery, integration, dissemination, and application
 6 of new knowledge in service to society; and

7 c. achieve excellence in United States science, mathematics,
 8 engineering, and technology education at all levels. 42 U.S.C. § 1862k(a)(6)(B).

9 ~~311-313.~~ Pursuant to these congressional directives, much of the NSF-funded
 10 research at universities has, for decades, supported the participation in STEM fields by women,
 11 minorities, and people with disabilities.

12 ~~312-314.~~ Notably, the 1998 Amendment sets forth several “core strategies”
 13 for achieving the above goals, which include a focus on ensuring diversity in entrants to STEM
 14 fields: “Develop intellectual capital, both people and ideas, with particular emphasis on groups
 15 and regions that traditionally have not participated fully in science, mathematics, and
 16 engineering.” 42 U.S.C. § 1862k(b)(1).

17 ~~313-315.~~ The Act was again amended in 2007 as part of the “America
 18 COMPETES Act,” which sought to bolster the competitiveness of the United States in scientific
 19 research and innovation. It instructed the NSF to “give priority” in granting awards to research
 20 activities “that can be expected to make contributions in physical or natural science, technology,
 21 engineering, social sciences, or mathematics, or that enhance competitiveness, innovation, or
 22 safety and security in the United States.” 42 U.S.C. § 1862o-5(b).

23 ~~314-316.~~ The NSF seeks to fulfill its mission chiefly by issuing competitive,
 24 limited-term grants in response to specific proposals from researchers and research organizations.
 25 The NSF receives over 50,000 such proposals each year, and funds about 10,000 of them.

26 ~~315-317.~~ The NSF employs a merit review process in which reviews of grant
 27 applications are carried out by panels of independent scientists, engineers, and educators who are
 28

experts in the relevant scientific field, and they are vetted to avoid conflicts of interest. Reviewers judge grant applications for both “intellectual merit” and “broader societal impact.”

~~316-318.~~ NSF grants are highly competitive and prestigious, and its pre-January 20, 2025 merit review process is often credited for the profound success of the NSF throughout its history. Indeed, it is no exaggeration to say that the world as we know it today would not exist without the NSF. NSF grants have contributed to an extraordinary number of scientific and technological innovations and achievements over the past 75 years, including:

- a. The Internet
- b. Semiconductors (i.e., computer chips)
- c. Supercomputers
- d. Artificial intelligence
- e. 3-D printing
- f. American Sign Language
- g. Captcha
- h. Deep ocean exploration and drilling
- i. Detecting gravitational waves
- j. DNA amplification (central to biotech)
- k. Doppler radar
- l. Duolingo
- m. Fusion energy
- n. Geographic Information Systems (GIS)
- o. Kidney matching
- p. LASIK eye surgery
- q. MRI
- r. Seeing black holes

~~317-319.~~ To date, at least 268 Nobel laureates have been supported by NSF grants. In 2024 alone, NSF grant recipients received Nobel prizes in physiology or medicine, physics, chemistry, and economics.

~~318-320.~~ The NSF has also funded numerous national observatories, has had responsibility for U.S. research operations in the Antarctic, and has been heavily involved in United States deep sea exploration. The NSF also managed laboratories from the Defense Department’s Advanced Research Projects Agency (DARPA), which lead to the creation of the Internet.

~~319-321.~~ The enormous impact of the NSF grant-making process is summarized neatly in this statement from Forbes: “For 75 years, the National Science Foundation

has been the quiet backbone of American scientific progress. It funds a substantial share of all federally supported basic research outside the biomedical sphere, supporting discoveries in climate science, artificial intelligence, cybersecurity and quantum materials among many, many others. Its grants train graduate students, launch early-career faculty and sustain the open, reproducible research that fuels U.S. competitiveness.”¹⁰⁴

2. In Response to Trump Administration Directives, NSF Improperly Changed Priorities and Canceled Existing Grants

~~320-322.~~ The foregoing paragraphs describe the NSF as it existed and functioned through the decades, from its original founding until January 20, 2025.

~~321-323.~~ The NSF is now facing an existential threat: the Trump Administration has negated the NSF’s core grant-making function by unilaterally, arbitrarily and illegally terminating billions of dollars in lawfully awarded scientific grants that the Administration views (often mistakenly) as having some connection to diversity, equity and inclusion (most broadly defined), as well as other subjects the Trump Administration dislikes, such as climate change, vaccines, HIV/AIDS, and COVID-19.

~~322-324.~~ At Defendants Trump and DOGE’s direction, NSF has taken aim at the pillars sustaining the United States’ STEM preeminence. These actions violate the law and jeopardize America’s longstanding global leadership in STEM. NSF has announced that it will no longer abide by Congress’s longstanding mandates.

~~323-325.~~ Since the Trump Administration took office in January 2025, the NSF has terminated more than a billion dollars in scientific grants that had previously been approved and awarded through the merit review process and which the NSF was legally obligated to provide. The pace of the terminations has escalated rapidly since mid-April, as the Trump Administration has taken a wrecking ball to the NSF. During that brief time period, more than 1,400 grants have been terminated. NSF terminated over 430 grants *in one week*.¹⁰⁵ The grant

¹⁰⁴ John Drake, *The NSF Is Being Dismantled — With Broad Implications For The American Economy*, Forbes (May 9, 2025), <https://www.forbes.com/sites/johndrake/2025/05/09/the-national-science-foundation-is-being-dismantled-what-the-economy-needs-is-more-investment>.

¹⁰⁵ Erin Socha, *New Database Tracks Canceled N.S.F. Research Grants*, U. Daily Kansan (April 25, 2025), <https://www.kansan.com/news/new-database-tracks-canceled-n-s-f-research->

1 terminations were generally not preceded by warnings, and thus came as a complete shock to the
2 researchers whose livelihoods and life's work depended on them.

3 ~~324.326.~~ The grant terminations have typically been conveyed in short,
4 standardized missives containing boilerplate statements. For example, Plaintiff Jedda Foreman
5 and other UC researchers all received the following termination letter:

6 The U.S. National Science Foundation (NSF) has undertaken a
7 review of its award portfolio. Each award was carefully and
8 individually reviewed, and the agency has determined that
9 termination of certain awards is necessary because they are not in
10 alignment with current NSF priorities. Effective immediately, the
11 following are terminated: [list of NSF Award IDs]. NSF is issuing
12 this termination to protect the interests of the government pursuant
13 to NSF Grant General Conditions (GC-1) term and condition
14 entitled 'Termination and Enforcement,' on the basis that they no
15 longer effectuate the program goals or agency priorities. This is the
16 final agency decision and not subject to appeal.

17 ~~325.327.~~ In an apparent attempt to justify its new war on science, the NSF
18 published a "Statement of NSF Priorities" on April 18, 2025, explaining that NSF's activities
19 "must aim to create opportunities for all Americans everywhere" and "[r]esearch projects with
20 more narrow impact limited to subgroups of people based on protected class or characteristics do
21 not effectuate NSF priorities."¹⁰⁶ Pursuant to this Directive, NSF began issuing termination
22 notices *en masse* to research projects, including many grants to UC researchers, designed to
23 implement Congress's express goals of increasing STEM participation, studying misinformation,
24 and addressing environmental justice.

25 ~~326.328.~~ NSF also issued an accompanying set of FAQ's, which indicated
26 that awards not aligned with NSF priorities include, but are "not limited to those on diversity,
27 equity, and inclusion (DEI) and misinformation/disinformation."

28 ~~327.329.~~ The grant cancellations are one prong in what can only be described
as an effort to radically shrink and marginalize the NSF. In mid-April it was announced that the
NSF was freezing any new grants, and in early May, the NSF announced that its 37 research

grants/article_0a3d2a6c-97e5-43c3-96c0-db02dc609210.html.

¹⁰⁶ U.S. Nat'l Sci. Found., *Statement on NSF Priorities* (April 18, 2025),
<https://www.nsf.gov/updates-on-priorities#statement-of-nsf-priorities-09d>.

1 divisions were being abolished. Then, on April 24, 2025, the Director of NSF, Sethuraman
 2 Panchanathan, resigned 16 months early. Massive layoffs are now anticipated. Meanwhile,
 3 President Trump proposed cutting the NSF's budget for the 2026 fiscal year by 55%. As recently
 4 stated in *Forbes*, "This is not reform. It is a dismantling."¹⁰⁷

5 ~~328-330.~~ It appears that DOGE is behind the unlawful grant terminations at
 6 NSF. *See, e.g.,* Katrina Miller & Carl Zimmer, *National Science Foundation Terminates*
 7 *Hundreds of Active Research Awards*, New York Times (April 22, 2025) ("Last Wednesday, the
 8 magazine Science reported that all new research grants by the agency had been frozen, as ordered
 9 by the Department of Government Efficiency, or DOGE."); Dan Garisto, *Trump Team Freezes*
 10 *New NSF Awards – And Could Soon Axe Hundreds of Grants*, Nature (Apr. 17, 2025) ("All new
 11 research grants have been frozen at the US National Science Foundation (NSF) — an action
 12 apparently ordered by the Department of Government Efficiency (DOGE) . . . DOGE is also
 13 reviewing a list of active research grants, assessed in February by the NSF, for terms associated
 14 with diversity, equity and inclusion (DEI). It is considering terminating more than 200 of them,
 15 NSF staff members have told Nature.").

16 ~~329-331.~~ Indeed, on May 13, 2025, Alondra Nelson, the Harold F. Linder
 17 Professor at Princeton University's Institute for Advanced Study, resigned her prestigious
 18 position on the National Science Foundation's board of directors. Explaining her decision to Time
 19 Magazine, she said: "Last week, as the Board held its 494th meeting, I listened to NSF staff say
 20 that DOGE had by fiat the authority to give thumbs up or down to grant applications which had
 21 been systematically vetted by layers of subject matter experts. Our closed-to-the-public
 22 deliberations were observed by Zachary Terrell from the DOGE team. Through his Zoom screen,
 23 Terrell showed more interest in his water bottle and his cuticles than in the discussion."¹⁰⁸

24
 25
 26 ¹⁰⁷ John Drake, *The NSF Is Being Dismantled — With Broad Implications For The American*
 27 *Economy*, *Forbes* (May 9, 2025), [https://www.forbes.com/sites/johndrake/2025/05/09/the-](https://www.forbes.com/sites/johndrake/2025/05/09/the-national-science-foundation-is-being-dismantled-what-the-economy-needs-is-more-investment)
[national-science-foundation-is-being-dismantled-what-the-economy-needs-is-more-investment](https://www.forbes.com/sites/johndrake/2025/05/09/the-national-science-foundation-is-being-dismantled-what-the-economy-needs-is-more-investment).

28 ¹⁰⁸ Alondra Nelson, *Why I'm Resigning From Positions at the National Science Foundation and*
Library of Congress, *Time Magazine*, May 13, 2025; [https://time.com/7285045/resigning-](https://time.com/7285045/resigning-national-science-foundation-library-congress/)
[national-science-foundation-library-congress/](https://time.com/7285045/resigning-national-science-foundation-library-congress/).

1 ~~330-332.~~ These grant terminations are a disaster for the future of science in
 2 the United States. The gravity of the situation and illegality of the grant terminations were
 3 summarized in a letter from the House of Representatives' Committee on Science, Space, and
 4 Technology sent to the acting director of the NSF, Brian Stone, on May 8, 2025. The letter
 5 characterizes the Trump Administration's actions against the NSF as "chaos and destruction," and
 6 states that "[DOGE's] accusation that these terminated awards lack merit is a lie, as most, if not
 7 all these awards, carry a statement from the agency declaring that the award "reflects NSF's
 8 statutory mission and has been deemed worthy of support through evaluation using the
 9 Foundation's intellectual merit and broader impacts review criteria."'¹⁰⁹

10 ~~331-333.~~ The House Committee Letter goes on to state: "The cancelation of
 11 these awards suggests instead that NSF is willing to apply political censorship of awards under
 12 direction from President Trump and the DOGE teenagers, which is a clear violation of the
 13 statutory mission of the agency." *Id.* It then provides a few examples of recently terminated grants
 14 to illustrate the folly, harmfulness, and in some instances absurdity of the Trump Administration's
 15 grant cancellations. The list of cancelled grants includes those for:

16 a. A rural after-school program that gives middle school students an
 17 opportunity to use mathematics and design thinking to address agricultural issues, such as
 18 designing water catchment systems for drought conditions.¹¹⁰

19 b. Research on developing a tool that uses machine learning to detect
 20 deepfakes, which are used for all manner of disinformation, be it political content planted by
 21 foreign adversaries or the creation of child sexual abuse material.¹¹¹

24 ¹⁰⁹ Letter from House of Representatives' Committee on Science, Space and Technology to Brian
 25 Stone (May 8, 2025), <https://democrats-science.house.gov/imo/media/doc/2025-05-08%20Letter%20to%20Acting%20Director%20Stone.pdf>.

26 ¹¹⁰ Nat'l Sci. Found., *Award Abstract #2215382 – Engaging Rural, Latinx Youth in an After*
 27 *School Program That Integrates Design Thinking, Making and Math*,
https://www.nsf.gov/awardsearch/showAward?AWD_ID=2215382, (last visited May 27, 2025).

28 ¹¹¹ Andrea E Hickerson,, *Award Abstract #2310131 – Collaborative Research: SaTC: TTP: Small: DeFake: Deploying a Tool for Robust Deepfake Detection*, Nat'l Sci. Found.,
https://www.nsf.gov/awardsearch/showAward?AWD_ID=2310131 (last visited May 27, 2025).

c. A grant to study improved mental health interventions for engineering students, who – across demographics – are statistically less likely than students in other disciplines to seek mental health treatment. This research was aimed at improving outcomes for engineering students in mental health distress and with mental health disabilities.¹¹²

d. An industry-focused workforce development program that trains the next generation of quantum technicians, including through accessible experiential learning and certification opportunities for entry-level professionals.¹¹³

e. A National Research Traineeship award, supporting 25 graduate students, to develop new interdisciplinary studies applying AI to better understand “legal system processes, impacts, and institutions” as well as to develop “tools and methods for leveraging newly available data from the criminal legal system, and ethical and social implications of big data and AI in the context of criminal justice.”¹¹⁴

~~332.334.~~ The House Committee Letter condemns these grant terminations as “an abdication of NSF’s mission and a betrayal of the scientific community, including the thousands of graduate students and early career researchers whose careers will be derailed. It also states that the terminations are of questionable legality. The grant terminations are in direct defiance of a court-ordered preliminary injunction enjoining NSF from impeding the disbursement of appropriated federal funds under awarded grants or other executed financial obligations directed or implied by Executive Order 14151... or any other materially similar policy.”¹¹⁵

¹¹² Nat’l Sci. Found., *Award Abstract # 2225567 – Research: Identifying intervention targets to increase mental health help seeking in undergraduate engineers*, https://www.nsf.gov/awardsearch/showAward?AWD_ID=2225567 (last visited May 27, 2025).

¹¹³ Nat’l Sci. Found., *Award Abstract # 2243822 - NRT-HDR: Computational Research for Equity in the Legal System" (CRELS)*, https://www.nsf.gov/awardsearch/showAward?AWD_ID=2243822 (last visited May 29, 2025).

¹¹⁴ *Id.*

¹¹⁵ *New York v. Trump*, No. 25-cv-39-JJM-PAS, (D.R.I. Jan. 31, 2025), <https://ag.ny.gov/sites/default/files/court-filings/state-of-new-york-et-al-v-trump-tro-2025.pdf> (last visited May 27, 2025).

1 **3. NSF Plaintiff and Other Grant Recipients Are Harmed by NSF's**
 2 **Illegal Grant Terminations**

3 ~~333.335.~~ Plaintiff Foreman and Class members have long relied on NSF
 4 grants to fund meritorious projects aimed at advancing scientific knowledge. The termination of
 5 previously approved grants has caused and continues to cause Plaintiff and Class members
 6 serious harm.

7 **a. Plaintiff Jedda Foreman's Grant Terminations and Resulting**
 8 **Harm**

9 ~~334.336.~~ Jedda Foreman is the Director, Center for Environmental Learning,
 10 at the Lawrence Hall of Science at the University of California, Berkeley.

11 First Application for Grant Funding (2314075):

12 ~~335.337.~~ On January 11, 2023, with her collaborators at the Lawrence Hall of
 13 Science, Foreman submitted (through the Regents of the University of California) a grant
 14 proposal to NSF's National Science Foundation Program NSF 22-626, Advancing Informal
 15 STEM Learning (AISL). The AISL program invests in research and practice on how people learn
 16 STEM outside of formal education. It seeks proposals that further the well-being of individuals
 17 and communities who have historically been and continue to be excluded, under-served, or
 18 underrepresented.

19 ~~336.338.~~ Foreman's proposal, titled "Understanding the Impact of Outdoor
 20 Science and Environmental Learning Experiences Through Community-Driven Outcomes," was
 21 for a four-year Integrating Research and Practice project that would produce a set of science and
 22 environmental literacy measures for underrepresented communities.

23 First Award of Grant Funding (2314075)

24 ~~337.339.~~ On August 22, 2023, the NSF accepted Foreman's proposal and
 25 awarded her a grant (Award Number 2314075). The Award Notice stated that the NSF was
 26 obligated in the amount of \$1,583,195, and that the total intended award was \$2,149,437. The
 27 Award Notice provided: "Contingent on the availability of funds and scientific progress of the
 28 project, NSF expects to continue support at approximately the following level: Fiscal Year: 2026,

1 Increment Amount: \$566,242.” The Award Notice was made as per the provisions of NSF
 2 Solicitation: “NSF 22-626 Advancing Informal STEM Learning,” and provided that the period of
 3 performance was from January 1, 2024 through December 31, 2027.

4 ~~338-340.~~ The award covered salaries and wages for three senior personnel:
 5 principal investigator Melissa Collins, Ph.D., co-principal investigator Valeria Romero, M.A.,
 6 and Foreman. The award also covered salaries and wages for several other professional
 7 researchers and project coordinators at the Lawrence Hall of Science, UC Berkeley’s public
 8 science center. The award further provided for support from an undergraduate research assistant.

9 Second Application for Grant Funding (2315277)

10 ~~339-341.~~ On January 17, 2023, together with her collaborators at the
 11 Lawrence Hall of Science, Foreman submitted (through the Regents of the University of
 12 California) a proposal to the National Science Foundation Program NSF 22-634, Racial Equity in
 13 STEM Education (RESTEM), which aims to support groundbreaking projects that contribute to
 14 advancing racial equity in STEM education and workforce development.

15 ~~340-342.~~ Foreman’s proposal, titled “Working Toward Racial Equity:
 16 Building Capacity to Institutionalize Equity in Outdoor and Environmental Science Education,”
 17 was designed to support a team of leaders from five organizations to facilitate and guide
 18 organization-wide discussions related to racial equity. The project was to develop a Tool Kit with
 19 three components—(1) a Facilitator’s Reflection Guide, (2) a Foundations of Racial Equity
 20 Guide, and (3) Organization Systems Change Tools—that would produce a replicable model for
 21 broadening participation.

22 Second Award of Grant Funding (2315277)

23 ~~341-343.~~ On September 13, 2023, the NSF accepted Foreman’s proposal and
 24 awarded her a grant (Award Number 2315277). The Award Notice stated that the NSF was
 25 obligated in the amount of \$1,701,416, and that the total intended award was \$4,723,028. The
 26 Award Notice provided: “Contingent on the availability of funds and scientific progress of the
 27 project, NSF expects to continue support at approximately the following level: Fiscal Year: 2025,
 28 Increment Amount: \$947,005, Fiscal Year: 2026, Increment Amount: \$1,133,391, Fiscal Year:

1 2027, Increment Amount: \$941,216.” The award was made as per the provisions of NSF
2 Solicitation: NSF 22-634 Racial Equity in STEM Education and provided that the period of
3 performance was from January 1, 2024 through December 31, 2028.

4 Third Application for Grant Funding (2241805)

5 ~~342.344.~~ On August 12, 2022, Foreman and her collaborators submitted a
6 proposal (through the Regents of the University of California) to the National Science Foundation
7 Program NSF 22-585, Innovative Technology Experiences for Students and Teachers (ITEST).
8 This applied research and development program aims to advance the equitable integration of
9 technology in the learning and teaching of science, technology, engineering, or mathematics from
10 pre-kindergarten through high school.

11 ~~343.345.~~ Foreman’s proposal, titled “Supporting Rightful Presence in
12 Museum Spaces: Youth as Participatory Designers of Indigenous Mixed Reality Science
13 Exhibits,” aimed to address the ongoing marginalization of Indigenous communities in informal
14 science learning spaces by developing and studying a model that strengthens Indigenous youths’
15 disposition towards, and capacity for STEM pathways.

16 ~~344.346.~~ The project built on a partnership between the Lawrence Hall of
17 Science and mak-’amham, an Indigenous Ohlone cultural organization. The project would engage
18 Indigenous youth directly and investigate the impact of the participatory design model on their
19 STEM learning, science identity, and interest in STEM careers. The project findings would be
20 disseminated in informal science and technology learning communities to support the youth
21 participatory design model in informal science education contexts.

22 Third Award of Grant Funding (2241805)

23 ~~345.347.~~ On February 19, 2023, the NSF accepted Foreman’s proposal and
24 awarded a grant (Award Number 2241805). The Award Notice stated that the NSF was obligated
25 in the amount of \$1,292,298. The award was made in accordance with the provisions of NSF
26 Solicitation: “NSF 22-585, Innovative Technology Experiences for Students and Teachers,” and
27 provided that the period of performance was from June 1, 2023 through May 31, 2026.
28

~~346-348.~~ The award covered salaries and wages for five senior personnel: Principal Investigator Ari Krakowski, Ph.D.; co-Principal Investigator Kimiko Ryokai, Ph.D.; co-Principal Investigator Sarah Olsen, Ph.D.; co-Principal Investigator Vincent Medina; and Foreman. The award also covered salaries and wages for several other professional researchers and project coordinators at the Lawrence Hall of Science. The award also provided \$162,712 to support the work of graduate students.

Supplemental Award to Celebrate NSF's 75th Anniversary (2241805)

~~347-349.~~ Together with her collaborators, Foreman submitted (through the Regents of the University of California) to the NSF a proposal for a supplement to award number 2241805 to celebrate NSF's 75th anniversary on May 10, 2025. On January 15, 2025, the NSF accepted Foreman's proposal and awarded a grant supplement (Award Number 2241805). The Supplemental Award Notice stated that the NSF was obligated by an additional amount of \$98,981, bringing the total funds awarded to \$1,391,279. The Supplemental Award Notice also extended the end of the award period from May 31, 2026 to November 30, 2026.

Termination of Grant Funding (2315277, 2314075, and 2241805)

~~348-350.~~ On April 18, 2025, the University of California, Berkeley received an email (the "April 18 Termination Email") from the address "grants005@nsf.gov," purporting to be from Jamie H. French, Division Director, Office of Budget Finance and Award Management, Division of Grants and Agreements. The April 18 Termination Email stated that the NSF "ha[d] determined that termination of certain awards is necessary because they are not in alignment with current NSF priorities." It purported to terminate awards 2315277 and 2314075. It further stated that "the basis" of the termination is that the awards "no longer effectuate the program goals or agency priorities. This is the final agency decision and not subject to appeal."

~~349-351.~~ On April 25, 2025, the University of California, Berkeley received an email (the "April 25 Termination Email") from the address "grants005@nsf.gov," purporting to be from Jamie H. French, Division Director, Office of Budget Finance and Award Management, Division of Grants and Agreements. The April 25 Termination Email again stated that "the agency ha[d] determined that termination of certain awards is necessary because they are

1 not in alignment with current NSF priorities.” It terminated, among others, award 2241805. This
 2 email likewise further stated that “the basis” of the termination is that the awards “no longer
 3 effectuate the program goals or agency priorities. This is the final agency decision and not subject
 4 to appeal.”

5 Harm Suffered from Terminations of Grant Funding

6 ~~350-352.~~ The Lawrence Hall of Science is UC Berkeley’s public science
 7 center, with a mission to inspire and engage through science discovery and learning in ways that
 8 advance equity and opportunity. Nationwide, the Lawrence Hall reaches over 20% of U.S.
 9 students in grades K through 12 with its science curricula. The Lawrence Hall has successfully
 10 obtained significant federal funding (20-25% of its budget) to support the research and
 11 development to inspire young people, families, communities, and educators in STEM discovery
 12 and learning in ways that advance equity. Without federal grant funds, including the terminated
 13 grants, the Lawrence Hall’s ability to carry out its public service mission is and will be
 14 significantly compromised.

15 ~~351-353.~~ As to “Supporting Rightful Presence in Museum Spaces: Youth as
 16 Participatory Designers of Indigenous Mixed Reality Science Exhibits” (Award 2241805),
 17 \$490,834.22 or 35% of the award remained unpaid at the time of termination. In addition, when
 18 this award was terminated, the supplemental funding for a celebration of the NSF’s 75th
 19 anniversary on May 10, 2025 was terminated as well. Because promises had already been made to
 20 community members, the Hall still went forward with the event and incurred the remaining costs.

21 ~~352-354.~~ As to “Working Toward Racial Equity: Building Capacity to
 22 Institutionalize Equity in Outdoor and Environmental Science Education” (Award 2315277),
 23 approximately \$3,769,075.24 or 80% of the award remained unpaid at the time of termination.

24 ~~353-355.~~ As to “Understanding the Impact of Outdoor Science and
 25 Environmental Learning Experiences Through Community-Driven Outcomes” (Award 2314075),
 26 approximately \$1,500,251.79 or 75% of the award remained unpaid at the time of termination.

27 ~~354-356.~~ The financial implications of these abrupt terminations are
 28 enormous, representing millions of dollars of lost funding to the Lawrence Hall. It will likely

1 need to reduce the time basis of and/or lay off both academic personnel and staff if it is not able
2 to find alternative resources quickly.

3 ~~355-357.~~ While the financial implications are debilitating, the human cost of
4 the termination of these awards is also profound. Taken together, the grant-funded projects are
5 important to the thousands of young people, educators, and partners that they are designed to
6 engage, serve, and/or impact. The abrupt termination of these grants means these public benefits
7 will go unrealized.

8 **D. Department of Defense**

9 ~~356-358.~~ The Department of Defense (“DOD”) is a federal agency within the
10 meaning of the APA that was established to promote national security.

11 **1. Congress Established DOD to Create a Comprehensive Program** 12 **Dedicated to Ensuring the Future Security of the United States,** 13 **Including Through Research**

14 ~~357-359.~~ Shortly after the end of World War II, President Truman urged
15 Congress to combine the War and Navy Departments under one single Department of National
16 Defense.¹¹⁶ In his address to Congress, President Truman stated that creating the Department of
17 National Defense was an “essential step ... in the development of a comprehensive and
18 continuous program for our future safety and for the peace and security of the world.”¹¹⁷

19 ~~358-360.~~ After months of deliberations regarding the role of the military in
20 society and the possible threat of granting too much military power to the executive, Congress
21 created the National Military Establishment through the National Security Act of 1947.¹¹⁸ In
22 1949, the National Military Establishment was renamed the DOD.

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26 ¹¹⁶ Harry S. Truman Library Museum, *Special Message to the Congress Recommending the*
27 *Establishment of a Department of National Defense*, (Dec. 19, 1945)
[https://www.trumanlibrary.gov/library/public-papers/218/special-message-congress-](https://www.trumanlibrary.gov/library/public-papers/218/special-message-congress-recommending-establishment-department-national)
28 [recommending-establishment-department-national.](https://www.trumanlibrary.gov/library/public-papers/218/special-message-congress-recommending-establishment-department-national)

¹¹⁷ *Id.*

¹¹⁸ National Security Act of 1947, Pub. L. No. 80-253, 61 Stat. 495.

359-361. In passing the National Security Act of 1947, Congress intended to provide a “comprehensive program for the future security of the United States” and to unify the armed forces into “an efficient team of land, naval, and air forces.”¹¹⁹

360-362. Research was a critical component of the Act. The National Security Act established a Research and Development Board, which would advise the Secretary of Defense as to the status of scientific research relative to national security and to assist the Secretary of Defense in assuring adequate funding for research and development on scientific problems relating to national security.

361-363. The Department of Defense Reorganization Act of 1958 amended the National Security Act of 1947 and created a Director of Defense Research and Engineering, who would supervise all research activities in DOD. The law further contemplated that DOD would contract with “educational or research institutions” to carry out its research mission.¹²⁰

362-364. Since 1961, Congress has annually updated the specific duties and functions of the DOD through the National Defense Authorization Act (NDAA).

363-365. For example, the NDAA of Fiscal Year 2024 (“NDAA 2024”) authorized the DOD to grant awards and funding for research activities related but not limited to topics such as microelectronics, artificial intelligence, thermal destruction of PFAS, quantum information, treatment of armed forces personnel with post-traumatic stress or traumatic brain injury using designated psychedelic substances, and the effect of the COVID-19 vaccine on service officers.¹²¹

364-366. The NDAA for Fiscal Year 2021 (“NDAA 2021”) required the Secretary of Defense, acting under the Secretary of Defense for Research and Engineering, to carry out a program of research and development in social science, management science, and information science.¹²² The purpose of program was to:

¹¹⁹ *Id.*

¹²⁰ Department of Defense Reorganization Act of 1958, Pub. L. No. 85-599, 72 Stat. 514.

¹²¹ National Defense Authorization Act for Fiscal Year 2024, Pub. L. No. 118-31, 137 Stat. 136.

¹²² National Defense Authorization Act for Fiscal Year 2021, Pub. L. No. 116-283, 134 Stat. 3388.

- (1) To ensure that the Department of Defense has access to innovation and expertise in social science, management science, and information science to enable the Department to improve the effectiveness, efficiency, and agility of the Department's operational and management activities.
- (2) To develop and manage a portfolio of research initiatives in fundamental and applied social science, management science, and information science that is stable, consistent, and balanced across relevant disciplines.
- (3) To enhance cooperation and collaboration on research and development in the fields of social science, management science, and information science between the Department of Defense and appropriate private sector and international entities that are involved in research and development in such fields.
- (4) To accelerate the development of a research community and industry to support Department of Defense missions in the fields of social science, management science, and information science, including the development of facilities, a workforce, infrastructure, and partnerships in support of such missions.
- (5) To coordinate all research and development within the Department of Defense in the fields of social science, management science, and information science.
- (6) To collect, synthesize, and disseminate critical information on research and development in the fields of social science, management science, and information science.
- (7) To assess and appropriately share, with other departments and agencies of the Federal Government and appropriate entities in the private sector—
 - (A) challenges within the Department of Defense that may be addressed through the application of advances in social science, management science, and information science; and
 - (B) datasets related to such challenges.
- (8) To support the identification of organizational and institutional barriers to the implementation of management and organizational enhancements and best practices.
- (9) To accelerate efforts—
 - (A) to transition, and deploy within the Department of Defense, technologies and concepts derived from research and development in the fields of social science, management science, and information science; and
 - (B) to establish policies, procedures, and standards for measuring the success of such efforts.

(10) To integrate knowledge from cross-disciplinary research on—

(A) how factors relating to social science, management science, and information science affect the global security environment; and

(B) best practices for management in the public and private sectors.

(11) To apply principles, tools, and methods from social science, management science, and information science—

(A) to ensure the Department of Defense is more agile, efficient, and effective in organizational management and in deterring and countering current and emerging threats; and

(B) to support the National Defense Strategy.¹²³

365.367. In addition to the annual NDAA's, Congress has passed legislation instructing the DOD to award grants to institutions of higher education. For example, the David L. Boren National Security Education Act of 1991 ("NSEA") instructed the Secretary of Defense to create the National Security Education Program, which would award grants to institutions of higher education in order enable such institutions to establish, operate, or improve programs in foreign languages, area studies, counter proliferation studies, and other international fields that are critical areas of those disciplines through research.¹²⁴

366.368. The National Security Education Program is codified at 50 U.S.C. § 1902. Its goal is to create vital experience in language and cultures critical to U.S. National Security.

367.369. Moreover, in 2008, the Secretary of Defense created the Minerva Research Initiative ("MRI") to address challenges such as ethnic strife, failing or failed states, rise of new powers, rise of violent extremism, disease, poverty, climate change, as well other

¹²³ *Id.*

¹²⁴ David L. Boren National Security Education Act of 1991, Pub. Law. No. 102-183, 105 Stat. 1271 (codified at 50 U.S.C. §1901 et seq.).

1 unprecedented social change.¹²⁵ MRI was built on the lessons learned after the September 11
 2 terrorist attacks, and was billed by the Pentagon as funding “[s]ocial science for a safer world.”¹²⁶

3 368-370. MRI “brings together universities and other research institutions
 4 around the world and supports . . . projects addressing specific interest areas determined by the
 5 Department of Defense.”¹²⁷ MRI “emphasizes questions of strategic importance to U.S. national
 6 security policy,”¹²⁸ including violent extremism, drug cartels, and similar threats to the nation’s
 7 security.

8 369-371. Since its inception in 2008, MRI has filled a gap in the knowledge
 9 base of the National Security community by developing models of terrorism, insurgency,
 10 cybersecurity, information operations, deterrence and other relevant topics, validated using
 11 freshly collected data and modern methods. That research has been praised by combatant
 12 commanders for its relevance to their increasingly complex challenges in understanding the
 13 Social Science of modern conflict.

14 370-372. MRI-funded research has enabled a significant improvement in
 15 scholarly understanding of subnational conflicts, as reflected in a manyfold increase in
 16 publications on these topics in the best peer-reviewed journals in Political Science and
 17 Economics.

18 371-373. MRI employs a highly competitive process for the award of its
 19 grant funding. It solicits proposals in pre-defined topic areas and selects among them using peer
 20 and expert review.

21 372-374. Since its inception, MRI has awarded various grants to UC
 22 researchers, including several examples in recent years.

25 ¹²⁵ The Minerva Initiative, <https://web.archive.org/web/20090211034051/http://minerva.dtic.mil/>.

26 ¹²⁶ Kai Kupferschmidt, *Pentagon Guts National Security Program that Harnessed Social Science*,
 27 *Science* (Mar. 2, 2025), [https://www.science.org/content/article/pentagon-guts-national-security-](https://www.science.org/content/article/pentagon-guts-national-security-program-harnessed-social-science)
 28 [program-harnessed-social-science](https://www.science.org/content/article/pentagon-guts-national-security-program-harnessed-social-science).

¹²⁷ Grants.Gov, *View Grant Opportunity* (Mar. 15, 2024), [https://grants.gov/search-results-](https://grants.gov/search-results-detail/351388)
[detail/351388](https://grants.gov/search-results-detail/351388).

¹²⁸ *Id.*

373-375. In September 2024, MRI awarded a Peace Scholar Fellowship to a UC Berkeley graduate student researching the intertwined political, economic, and social dynamics of international conflict and conflict management.¹²⁹ In August 2023, MRI awarded a Peace Scholar Fellowship to a UC Davis graduate student conducting doctoral research related to broad concerns in conflict management and peacebuilding, including security and stability.¹³⁰ In 2022, the Minerva Initiative awarded a Peace Scholar Dissertation Fellowship to UC Berkeley and UC San Diego graduate students whose research showed “great potential to advance the peacebuilding and security fields and to positively influence policy and practice.”¹³¹

374-376. In May 2023, the DOD announced that it would award \$18 million in grants to 11 university-based faculty teams under its Minerva Initiative, including one UC San Diego team, one UC Davis team, and one UC Santa Barbara team.¹³²

375-377. In February 2022, the DOD announced that it would award \$28.7 million in grants to 17 university based faculty teams, including one UC Berkeley team, through the FY2021 Minerva Research Initiative to support research in social and behavioral science.¹³³ The 17 faculty awardees were selected from approximately 220 applicants using a merit competition. The research proposals were peer-reviewed and selected for scientific merit, relevance, and potential impact in conference between the Office of the Under Secretary of

¹²⁹ *Department of Defense Selects 2024-2025 Minerva-USIP Peace and Security Fellows*, U.S. Dep’t of Def. (Sept. 20, 2024), <https://www.defense.gov/News/Releases/Release/Article/3912615/department-of-defense-selects-2024-2025-minerva-usip-peace-and-security-fellows/>.

¹³⁰ *DOD Selects 2023-2024 Minerva-USIP Peace and Security Dissertation Fellows*, U.S. Dep’t of Def. (Aug. 10, 2023), <https://www.defense.gov/News/Releases/Release/Article/3490020/dod-selects-2023-2024-minerva-usip-peace-and-security-dissertation-fellows/>.

¹³¹ *Department of Defense Announces Awards for the 2022-2023 Cohort of the Minerva-United States Institute of Peace and Security Dissertation Fellows*, U.S. Dep’t of Def. (Sept. 12, 2022), <https://www.defense.gov/News/Releases/Release/Article/3155346/department-of-defense-announces-awards-for-the-2022-2023-cohort-of-the-minerva/>.

¹³² *DOD Awards \$18 Million for Academic Research on the Socio-Political Drivers of Future Conflict*, U.S. Dep’t of Def. (May 26, 2023), <https://www.defense.gov/News/Releases/Release/Article/3408680/dod-awards-18-million-for-academic-research-on-the-socio-political-drivers-of-f/>.

¹³³ *Department of Defense Awards \$28.7M in Grants for the FY2021 Minerva Research Initiative*, U.S. Dep’t of Def. (Feb. 24, 2022), <https://www.defense.gov/News/Releases/Release/Article/2944623/department-of-defense-awards-287m-in-grants-for-the-fy2021-minerva-research-ini/>.

Defense for Research and Engineering and the Office of the Under Secretary of Defense for Policy.

376-378. Outside of grants given through MRI, when deciding whether to award a grant, the DOD employs a merit review process in which the technical merits of the proposed research and its potential relationship with the missions of the DOD are evaluated. 32 C.F.R. § 22.315 (describing “[m]erit-based, competitive procedures”).

377-379. It is clear that Congress understood the importance of conducting research relating to national security when creating the DOD. The annual NDAs and Acts like the NSEA make clear that Congress intended for funding to be allocated for the study of social issues since such research would further the DOD’s mission: national security.

2. In Response to Trump Administration Directives, DOD Improperly Changed Priorities and Canceled Existing Grants

378-380. DOD quickly caved to President Trump’s and DOGE’s directives to eliminate grants relating to disfavored topics. On March 4, 2025, Chief Pentagon Spokesman Sean Parnell stated that DOD had been working “hand in hand with the DOGE team.”¹³⁴

379-381. By March 7, the Department had terminated more than \$30 million in grants that funded 91 studies. In a press release, the Department recognized “the value of academic research” but stated it was taking action “in response to President Trump’s Executive Orders.”¹³⁵ The press release stated that the studies affected included research focused on “global migration patterns, climate change impacts, and social trends.”¹³⁶

380-382. By March 20, Secretary Hegseth had issued a memorandum directing the immediate termination of over \$360 million in additional grants in order to

¹³⁴ C. Todd Lopez, *Initial DOGE Findings Reveal \$80 Million in Wasteful Spending at DOD*, U.S. Dep’t of Def. (Mar. 4, 2025), <https://www.defense.gov/News/News-Stories/Article/Article/4096431/initial-doge-findings-reveal-80-million-in-wasteful-spending-at-dod/>.

¹³⁵ *Pentagon Culls Social Science Research, Prioritizes Fiscal Responsibility and Technologies for Future Battlefield*, U.S. Dep’t of Def. (Mar. 7, 2025), <https://www.defense.gov/News/Releases/Release/Article/4113076/pentagon-culls-social-science-research-prioritizes-fiscal-responsibility-and-te/>.

¹³⁶ *Id.*

1 “implement the President’s orders.”¹³⁷ The memorandum stated that funding would be cut to
 2 research efforts in areas of “Diversity, Equity, and Inclusion and related social programs, climate
 3 change, social science, Covid-19 pandemic response, and other areas – that are not aligned with
 4 DOD priorities.”¹³⁸

5 381-383. This termination essentially gutted MRI, which was partly created
 6 to better understand climate change impacts and social trends. Beginning in March 2025, the
 7 MRI’s website, which included reports on finished and ongoing projects, became unavailable.¹³⁹
 8 Many, if not all, of the grants previously awarded through MRI have been terminated.

9 382-384. By terminating grants at the direction of the President, the DOD has
 10 violated its congressional mandates, which require that the DOD fund social science research.
 11 Such mandates include, for example, Congress’s determination of DOD’s funding through
 12 legislation such as 50 U.S.C. § 1902 and the annual National Defense Authorization Acts.

13 **3. DOD Plaintiff and Other Grant Recipients Are Harmed by DOD’s** 14 **Illegal Grant Terminations**

15 383-385. Plaintiff Berman and Class members have long relied on DOD
 16 grants to fund meritorious projects aimed at promoting national security. The termination of
 17 previously approved grants has caused and continues to cause Plaintiff and Class members
 18 serious harm.

19 **a. Plaintiff Eli Berman’s Grant Termination and Resulting** 20 **Harm¹⁴⁰**

21 384-386. Dr. Eli Berman is a Professor of Economics at the University of
 22 California, San Diego (“UCSD”) who studies economic development in fragile environments,
 23 with a focus on conflict. He is known particularly for his work applying rational choice analysis

24 ¹³⁷ *Continuing Elimination of Wasteful Spending at the Department of Defense*, U.S. Dep’t of
 25 Def. (Mar. 20, 2025), [https://media.defense.gov/2025/Mar/20/2003673531/-1/-](https://media.defense.gov/2025/Mar/20/2003673531/-1/-1/0/CONTINUING-ELIMINATION-OF-WASTEFUL-SPENDING-AT-THE-DEPARTMENT-OF-DEFENSE.PDF)
 26 [1/0/CONTINUING-ELIMINATION-OF-WASTEFUL-SPENDING-AT-THE-DEPARTMENT-](https://media.defense.gov/2025/Mar/20/2003673531/-1/-1/0/CONTINUING-ELIMINATION-OF-WASTEFUL-SPENDING-AT-THE-DEPARTMENT-OF-DEFENSE.PDF)
 27 [OF-DEFENSE.PDF](https://media.defense.gov/2025/Mar/20/2003673531/-1/-1/0/CONTINUING-ELIMINATION-OF-WASTEFUL-SPENDING-AT-THE-DEPARTMENT-OF-DEFENSE.PDF).

28 ¹³⁸ *Id.*

¹³⁹ Kai Kupferschmidt, *Pentagon abruptly ends all funding for social science research*, Science
 (Mar. 10, 2025), [https://www.science.org/content/article/pentagon-abruptly-ends-all-funding-](https://www.science.org/content/article/pentagon-abruptly-ends-all-funding-social-science-research)
social-science-research.

¹⁴⁰ Plaintiff Berman submitted a declaration, filed herewith, that further details his background
and research, including information about his terminated grant.

1 to the behavior of radical religious groups. He holds a dual appointment as a Professor in UCSD's
 2 School of Global Policy and Strategy.

3 ~~385-387.~~ He also serves as the Research Director for International Securities
 4 Studies at the UC Institute on Global Conflict and Cooperation ("IGCC"), a research network
 5 comprised of scholars from across the University of California and the Los Alamos and Lawrence
 6 Livermore National Laboratories, who produce and use research to help build a more peaceful,
 7 prosperous world.

8 ~~386-388.~~ Dr. Berman has published several books on national security
 9 economics including *Proxy Wars: Suppressing Violence through Local Agents* (with David Lake,
 10 Cornell University Press, 2019), *Small Wars, Big Data: The Information Revolution in Modern*
 11 *Conflict* (with Jacob N. Shapiro and Joseph H. Felter, Princeton U. Press, 2018), and *Radical,*
 12 *Religious and Violent: The New Economics of Terrorism* (Cambridge: MIT Press, 2009). He has
 13 also authored or co-authored dozens of articles, papers, and reviews on national security
 14 economics and other topics in economics.

15 ~~387-389.~~ Over the past three decades, he has received grant funding from a
 16 variety of governmental and private sources. He has received federal grant funding from the
 17 National Science Foundation, the Department of Homeland Security, the Office of Naval
 18 Research, USAID, the U.S. Institute of Peace, and the Department of Defense.

19 DOD Minerva Research Initiative and Past Grants

20 ~~388-390.~~ Dr. Berman has previously served as a principal researcher on
 21 several Minerva Research Initiative projects.

22 ~~389-391.~~ For example, Dr. Berman served as co-Principal Investigator of the
 23 MRI project "Terrorism, Governance, and Development," led by Professor Jacob Shapiro of
 24 Princeton University, directing a subcontract of \$3,064,551 to IGCC, from March 2009 through
 25 August 2015. That project addressed how economic and political development are enabled when
 26 a government must also necessarily counter terrorism and insurgency. The research encompassed
 27 over a dozen scholarly empirical projects including original data collection in Afghanistan, Iraq,
 28

1 the Philippines, Colombia, Northern Ireland and the Palestinian Territories, among other sites. It
2 resulted in over a dozen scholarly publications in leading journals and a book.

3 390-392. Dr. Berman served as Principal Investigator on an MRI project for
4 research on “Deterrence with Proxies,” from 2014–2021. This research investigated how a
5 powerful country can meet its security objectives by guiding the actions of proxy forces, while
6 limiting the vulnerability of its own forces—as the U.S. has done over the last five decades. This
7 grant resulted in multiple scholarly publications and an academic press book, trained postdoctoral
8 fellows and PhD students, with a budget of \$3,745,988.

9 391-393. Dr. Berman received another grant from MRI, as the co-Principal
10 Investigator with Stephen Biddle, for a one-year project entitled “Empirical Analysis for Meeting
11 Great Power Challenges” in 2020. This grant funded research to evaluate the roles of
12 technological advantage versus force strength in the success of naval battles, using data from the
13 16th Century through the present.

14 392-394. Dr. Berman’s prior MRI grant funding resulted in successful
15 projects that furthered the DOD’s understanding of national security.

16 DOD’s 2023 Minerva Research Grant Application and Award

17 393-395. On February 16, 2023, Dr. Berman, together with his colleagues,
18 submitted an application for funding to MRI titled “Integrated Deterrence: Episodic Analysis” in
19 response to an annual request for proposals. Dr. Berman was the Principal Investigator for the
20 research, and the work was proposed to be done in collaboration with Professor Estaban Klor at
21 Hebrew University, who was designated the co-Principal Investigator. Their work plan included
22 hiring postdoctoral fellows, and both graduate and undergraduate research assistants.

23 394-396. “Integrated Deterrence” is a national security concept that was the
24 centerpiece of the 2022 National Defense Strategy. Integrated deterrence “involves using every
25 tool at the Department [of Defense]’s disposal, in close collaboration with our counterparts across
26 the U.S. Government, and with Allies and partners, to ensure that potential foes understand the

1 folly of aggression.”¹⁴¹ Those tools include not only coercive measures but also economic,
 2 diplomatic, and intelligence instruments.

3 395-397. Dr. Berman’s proposal relied on data from the Israel/Gaza conflict
 4 discovered and collected as part of the “Deterrence with Proxies” project. Dr. Berman’s team
 5 proposed: (1) coding textual data on incidents into digital form; (2) validating with social media
 6 and official sources; and (3) developing a game theoretic model to analyze the actions of
 7 combatants.

8 396-398. This proposed research would continue and expand Dr. Berman’s
 9 earlier Minerva project research funded during the Trump I and Biden administrations.

10 Award of Grant Funding (No. FA 9550-23-1-0437)

11 397-399. On August 28, 2023, Dr. Berman and his team received notice of a
 12 Grant Award that would provide \$1,032,529 in funding over three years.

13 398-400. Progress between 2023 and 2025 was rapid. With the help of a PhD
 14 student, Dr. Berman’s team solved a number of technical problems that had stymied previous
 15 researchers. The fine-grained nature of the team’s data allowed unprecedented opportunities to
 16 test game-theoretic models of deterrence, specifically addressing whether episodes of attack and
 17 counter-attack tended to escalate or de-escalate, and whether de-escalation led to zero attacks or
 18 to some violent equilibrium. The team’s understanding of the Gaza/Israel conflict in the period
 19 before October 7, 2023 vastly improved. More importantly, the team had a modeling tool to apply
 20 to other international conflicts stuck in violent equilibria.

21 399-401. By late 2024, Dr. Berman’s team was already circulating results
 22 and disseminating this research to policy and academic audiences, including within the U.S.
 23 Department of Defense, U.N. Peacekeeping Operations, and Israel’s Institute on National
 24 Security Studies, as well as at invited academic seminars and conferences.

25 400-402. The policy relevance of these results is manifold. The game-
 26 theoretic model provides an analytical tool simple enough for an undergraduate with some

27 ¹⁴¹ 2022 National Defense Strategy, U.S. Dep’t of Def. (Oct. 27, 2022),
 28 [https://media.defense.gov/2022/Oct/27/2003103845/-1/-1/1/2022-NATIONAL-DEFENSE-](https://media.defense.gov/2022/Oct/27/2003103845/-1/-1/1/2022-NATIONAL-DEFENSE-STRATEGY-NPR-MDR.pdf)
[STRATEGY-NPR-MDR.pdf](https://media.defense.gov/2022/Oct/27/2003103845/-1/-1/1/2022-NATIONAL-DEFENSE-STRATEGY-NPR-MDR.pdf).

1 training in economics, political science, or mathematics to use. It has broad applicability to
 2 numerous conflicts stuck in a mutual deterrence equilibrium that is not entirely peaceful.
 3 Disinformation campaigns and election interference have the same logic and reportedly the same
 4 perpetrators, so the results are applicable in that context as well. The model and results also beg
 5 two other questions: (1) can the same methods be applied to understand other conflicts?; and (2)
 6 can the integration of benign (in addition to coercive) instruments shift those conflicts to a less
 7 destructive equilibrium, or even to settlement? Dr. Berman was on the verge of answering these
 8 questions in early 2025.

9 Research Grant Termination (No. FA 9550-23-1-0437)

10 401.403. On February 28, 2025, Dr. Berman received an email from the
 11 program officer for the Air Force Office of Scientific Research, which stated:

12 In line with recent Presidential executive orders, [the Office of the
 13 Undersecretary of Defense for Research & Engineering] has
 14 determined that your grant award no longer effectuates Minerva
 15 program goals or DOD priorities. As such, we are letting you know
 16 that you will soon be hearing from the grants officer responsible for
 17 your award about terminating it.

18 402.404. UCSD subsequently received a brief notice from the DOD
 19 Department of the Air Force that stated: “The Government intends to terminate this Award under
 20 the authority of 2 CFR 200.340(a)(4).” No explanation of any kind for the termination was
 21 provided.

22 403.405. On March 3, 2025, DOD issued a Grant/Cooperative Agreement
 23 Modification. Again, it provided no explanation for the termination beyond form language:

24 The subject grant award no longer effectuates the program goals or
 25 agency priorities as found in 2 CFR 200.340(a)(4) as incorporated
 26 into the DOD Research and Development General Terms and
 27 Conditions for grants by reference.

28 404.406. As a result of the modification, the DOD eliminated the third year
of funding on the grant (\$248,991).

Harm from Grant Termination

405.407. Dr. Berman and his team have suffered immediate harm as a result
of the grant cancellation.

1 406-408. Dr. Berman and his co-PI have been forced to significantly slow
 2 research progress and dissemination because they must now devote much of their time to writing
 3 grant applications.

4 407-409. The researchers on Dr. Berman's grant have been unable to employ
 5 a postdoctoral fellow and have had to release from employment their research assistants. This has
 6 slowed the team's empirical and theoretical progress, and ceased their training of young scholars.

7 408-410. Similarly, the loss of grant funding threatens the team's ability to
 8 retain essential support staff at the IGCC.

9 409-411. The loss of grant funding also threatens the overall research and
 10 teaching operations of the University of California, which relies on Indirect Cost charges
 11 (currently 59% of total cost on new grants at UC San Diego) to cover activities such as building
 12 use, equipment depreciation, operation and maintenance of UC facilities, student services,
 13 departmental administration, or administrative support offices.

14 410-412. Dr. Berman lost 22% of his annual compensation this calendar year
 15 due to grant termination.

16 411-413. These personal and financial harms are ongoing.

17 412-414. These harms are in addition to the loss of value to the public from
 18 Dr. Berman's research—specifically the national security community, as Dr. Berman has lost
 19 both time to travel and the resources to pay for travel to conferences and meetings.

20 **E. Department of Transportation**

21 413-415. The Department of Transportation ("DOT") is a federal agency
 22 within the meaning of the APA established to protect and enhance the safety, adequacy, and
 23 efficiency of the nation's transportation system and services.

24 **1. Congress Established DOT to Promote the Safety, Quality, and** 25 **Efficiency of the Nation's Transportation Services, Including Through** 26 **Research**

26 414-416. Before the DOT was created in 1967, various federal programs
 27 devoted nearly 100,000 employees and almost \$6 billion to transportation across the United
 28

1 States.¹⁴² President Lyndon B. Johnson decried this decentralized system as “not good enough”
 2 for the nation, and told Congress that system resulted in inefficient, congested, and unsafe
 3 transportation.¹⁴³ An improved, coordinated system was essential to the nation’s economic health
 4 and well-being, including employment, standard of living, accessibility, and the national
 5 defense.¹⁴⁴

6 415-417. Congress then passed the Department of Transportation Act (“the
 7 Act”), Pub. L. No. 89-670, 80 Stat. 931 (1966), which President Johnson signed into law on
 8 October 15, 1966. The Act centralized 31 federal agencies and functions, including the Federal
 9 Aviation Agency, the Coast Guard, the Federal Railroad Administration, and many others.¹⁴⁵

10 416-418. Today, the DOT’s operating administrations include the U.S.
 11 Department of Transportation Office of the Secretary (OST), National Highway Traffic Safety
 12 Administration (NHTSA), Federal Aviation Administration (FAA), Office of Inspector General
 13 (OIG), Federal Highway Administration (FHWA), Pipeline and Hazardous Materials Safety
 14 Administration (PHMSA), Federal Motor Carrier Safety Administration (FMCSA), Federal
 15 Railroad Administration (FRA), Great Lakes St. Lawrence Seaway Development Corporation
 16 (GLS), Federal Transit Administration (FTA), and the Maritime Administration (MARAD).¹⁴⁶

17 417-419. The Act provides “that the national objectives of general welfare,
 18 economic growth and stability, and security of the United States require the development of
 19 transportation policies and programs that contribute to providing fast, safe, efficient, and
 20 convenient transportation at the lowest cost consistent with those and other national objectives,
 21 including the efficient use and conservation of the resources of the United States.” Pub. L. No.
 22 97-449 (codified at 49 U.S.C. § 101(a)).

23 418-420. The Act also provides that the DOT shall:

24 _____
 25 ¹⁴² President Lyndon B. Johnson, *Special Message to Congress on Transportation* (March 2,
 26 1066), [https://www.presidency.ucsb.edu/documents/special-message-the-congress-transportation-](https://www.presidency.ucsb.edu/documents/special-message-the-congress-transportation-0)
 27 0.

28 ¹⁴³ *Id.*

¹⁴⁴ *A Brief History of the DOT*, U.S. Dep’t of Trans.,
<https://transportation.libguides.com/c.php?g=1154894&p=8441208>.

¹⁴⁵ *Id.*

¹⁴⁶ *Id.*

- ensure the coordinated and effective administration of the transportation programs of the United States Government;
- make easier the development and improvement of coordinated transportation service to be provided by private enterprise to the greatest extent feasible;
- encourage cooperation of Federal, State, and local governments, carriers, labor, and other interested persons to achieve transportation objectives;
- stimulate technological advances in transportation, through research and development or otherwise;
- provide general leadership in identifying and solving transportation problems; and
- develop and recommend to the President and Congress transportation policies and programs to achieve transportation objectives considering the needs of the public, users, carriers, industry, labor, and national defense.¹⁴⁷

419.421. One way the DOT effectuates its mission is by providing funding to projects that invest in “transportation infrastructure, safety, and innovation across the country.”¹⁴⁸ Congress appropriates these funds and authorizes transportation programs based on national priorities.¹⁴⁹ The DOT provides funding through Competitive Grant Funding Programs, Formula Grant Funding Programs (funding to states, tribes, and transit agencies), Loan Financing Programs, and Public-Private Partnerships (P3s).

420.422. The DOT administers competitive grant programs through its operating administrations (“OAs”) and the Office of the Secretary of Transportation.¹⁵⁰ Each OA (e.g., Federal Highway Administration, Federal Transit Administration) solicits applications through a Notice of Funding Opportunity and selects projects based on program eligibility, evaluation criteria, and Departmental or program priorities. The Bipartisan Infrastructure Law alone provided billions of dollars for the DOT to distribute through competitive grant programs.¹⁵¹

¹⁴⁷ Pub. L. 97-449 (codified at 49 U.S.C. § 101(b)).

¹⁴⁸ Overview of Funding and Financing at USDOT, U.S. Dep’t of Trans., <https://www.transportation.gov/grants/dot-navigator/overview-funding-and-financing-usdot>.

¹⁴⁹ Id.

¹⁵⁰ Id.

¹⁵¹ The Bipartisan Infrastructure Law and Innovation, U.S. Dep’t of Trans.,

421-423. Since the DOT's creation, Congress has continually provided funding and additional duties for the DOT to carry out its mission.¹⁵² The Department's authorities are codified under U.S. Code Titles 23 (highways), 46 (maritime), and 49 (aviation, railroads, and other surface modes).¹⁵³

422-424. In subsequent legislation, Congress has consistently affirmed that the DOT shall improve the nation's transportation system for all Americans, and has done so using language that the Trump Administration associates with "DEI" and "environmental justice."

423-425. For example, in 1991, Congress passed the Intermodal Surface Transportation Efficiency Act ("ISTEA") to develop a National Intermodal Transportation System. Pub. L. No. 102-240, 105 Stat. 1914 (Dec. 18, 1991). Congress declared that the system would include "significant improvements in public transportation necessary to achieve national goals for improved air quality, energy conservation, international competitiveness, and mobility for elderly persons, persons with disabilities, and economically disadvantaged persons in urban and rural areas of the country." Pub L. 102-240 § 2. Parts of the ISTEA directed the Secretary of the DOT ("the Secretary") to implement this system by leading and coordinating the research and development of high-speed rail, wooden bridges, and highway safety conditions. *Id.* Title I, Part A, §§ 1036, 1039. The ISTEA also authorized the Secretary of the DOT to collaborate with non-federal entities and to conduct research into areas such as underground pipes, buses, and construction materials. *Id.* Title VI, Part A §§ 6001, 6005, 6020, 6021.

424-426. In 1998, Congress passed the Transportation Equity Act for the 21st Century ("TEA-21") to authorize funds for Federal-aid highways, highway safety programs, transit programs, and other transportation purposes. Pub. L. No. 105-178, 112 Stat. 107 (June 9, 1998).

¹⁵² <https://www.transportation.gov/priorities/innovation/bipartisan-infrastructure-law-and-innovation>.
¹⁵² *Strategic Plan for FY 2028-2022*, U.S. Dep't of Trans., (February 2018),
<https://www.transportation.gov/sites/dot.gov/files/docs/mission/administrations/office-policy/304866/dot-strategic-planfy2018-2022508.pdf>.

¹⁵³ *Id.*

425-427. The TEA-21 reauthorized the Disadvantaged Business Enterprises (“DBE”) provision, which was first introduced in DOT legislation beginning in 1983, and has been reauthorized at every opportunity since.¹⁵⁴ The TEA-21’s DBE provision required that at least 10 percent of the funding made available by the statute was to be provided to small businesses controlled and owned by “socially and economically disadvantaged individuals.” *Id.* Title I, Subtitle A, § 1101(b)(1).

426-428. Most recently, in 2021, Congress passed the Infrastructure Investment and Jobs Act (“IIJA”), also known as the Bipartisan Infrastructure Law. Pub L. No. 117-85, 135 Stat. 429 (codified at 23 U.S.C § 101). Much of the IIJA requires the DOT to consider and prioritize projects that target disadvantaged communities and prioritize equitable outcomes.

427-429. The IIJA directed the Secretary to establish the Healthy Streets program, which would provide grants to mitigate urban heats islands and improve air quality. Pub L. No. 117-85, Title I, Subtitle D, § 11406. In awarding the grants, Congress specified that the Secretary should prioritize projects that target low-income or disadvantaged communities. *Id.* § 11406(f)(1).

428-430. The IIJA also directed the Secretary to make grants to organizations constructing safe and connected active transportation facilities. The IIJA also directed that in considering applications, the Secretary should consider the extent to which a proposal addresses “existing disparities in bicyclist and pedestrian fatality rates based on race or income level or provide access to jobs and services for low-income communities and disadvantaged communities.” *Id.*

429-431. The IIJA also directed the Secretary to establish the Reconnecting Communities Pilot (“RCP”) Grant Program to advance “community-centered transportation connection projects, with a priority for projects that benefit low-capacity communities.”¹⁵⁵ The

¹⁵⁴ *Disadvantaged Business Enterprise (DBE) Program*, U.S. Dep’t of Trans., <https://www.transportation.gov/civil-rights/disadvantaged-business-enterprise>.

¹⁵⁵ *Reconnecting Communities Pilot (RCP) Grant Program*, U.S. Dep’t of Trans., <https://www.transportation.gov/reconnecting>.

primary goal of the RCP is to “reconnect communities harmed by past transportation infrastructure decision.”¹⁵⁶ In evaluating grant applications, the Secretary is required to consider a project’s “opportunities for inclusive economic development.” Pub L. 117-85 Title I, Subtitle E, § 11509 (d)(4)(B)(v).

~~430-432.~~ The IIJA also directed the Secretary to establish the Rural Opportunities to Use Transportation for Economic Success Office (“ROUTES”) which was tasked to “improve analysis of projects from rural areas, Indian Tribes, and historically disadvantaged communities in rural areas applying for Department discretionary grants.” *Id.* § 25010(b)(1)(A). The IIJA codified the ROUTES initiative, which was established under the first Trump administration in October 2019 with DOT Order 5050.1.¹⁵⁷

~~431-433.~~ The IIJA also amended the University Transportation Centers (“UTC”) Program, which was established in 1987. The UTC program “advances the state-of-the-art in transportation research and technology, and develops the next generation of transportation professionals.”¹⁵⁸ The program requires the Secretary to award grants to proposals that address six research priorities: improving mobility of people and goods; reducing congestion; promoting safety; improving the durability and extending the life of transportation infrastructure; preserving the environment; preserving the existing transportation system; and reducing transportation cybersecurity risks. 49 U.S.C. § 6503(c)(1). And the Secretary is required to select grants based in part on the recipient’s “demonstrated commitment” to developing the transportation workforce through “outreach activities to attract new entrants into the transportation field, including women and underrepresented populations.” *Id.* § 5505(b)(4)(B)(v)(II).

~~432-434.~~ The IIJA also established the Safe Streets and Roads for All (SS4A) program with over \$5 billion in funds to distribute to initiatives preventing roadway fatalities and serious injuries.¹⁵⁹ In awarding grants, the IIJA requires the Secretary to consider whether a

¹⁵⁶ *Id.*

¹⁵⁷ *Rural Opportunities to Use Transportation for Economic Success (ROUTES)*, U.S. Dep’t of Trans., <https://www.transportation.gov/rural>.

¹⁵⁸ *University Transportation Centers*, U.S. Dep’t of Trans., <https://www.transportation.gov/content/university-transportation-centers>.

¹⁵⁹ *Safe Streets and Roads for All (SS4A) Grant Program*, U.S. Dep’t of Trans.,

project ensures “equitable investment in the safety needs of underserved communities in preventing transportation-related fatalities and injuries.” Pub L. No. 117-85, Title IV, Subtitle A, § 24112(d)(3)(E).

433-435. The IIJA also required the Federal Motor Carrier Safety Administration, an administration of the DOT, to establish an advisory board focused on creating opportunities for women in the trucking industry. *Id.* § 23007.

434-436. The IIJA also reauthorized the DBE program, finding that “while significant progress has occurred due to the establishment of the disadvantaged business enterprise program, discrimination and related barriers continue to pose significant obstacles for minority- and women-owned businesses seeking to do business in Federally assisted” transportation markets. *Id.* Title I, Subtitle A, § 11101(e)(1)(A).

435-437. These measures demonstrate that Congress directed the DOT to consider so-called “DEI” priorities in its initiatives, including in grant funding.

2. In Response to Trump Administration Directives, DOT Improperly Changed Priorities and Canceled Existing Grants

436-438. In January 2025, Sean Duffy was appointed as the Secretary of the DOT.¹⁶⁰ Duffy’s first actions were to “advance[] President Donald Trump’s agenda to rescind woke policies” and ensure that all DOT “policies align with the Administration’s priorities.”¹⁶¹ He made no mention of the priorities set by Congress.

437-439. To align with President Trump’s executive orders, including E.O. 14148, the Secretary signed the “Woke Rescission” Memorandum, which directed DOT officials to “identify and eliminate all Biden-era programs, policies, activities, rules, and orders that promote climate change activism, Diversity, Equity, and Inclusion (DEI) initiatives, racial equity, gender identity policies, environmental justice, and other partisan objectives.”¹⁶²

<https://www.transportation.gov/grants/SS4A>.

¹⁶⁰ *U.S. Transportation Secretary Duffy Takes Action to Rescind “Woke” DEI Policies and Advance President Trump’s Economic Agenda*, U.S. Dep’t of Trans., (January 29, 2025), <https://www.transportation.gov/briefing-room/us-transportation-secretary-sean-duffy-takes-action-rescind-woke-dei-policies-and>.

¹⁶¹ *Id.*

¹⁶² *Id.*

438-440. This alignment with the Trump administration included how the DOT defended its lawsuits.

439-441. In October 2023, two DOT contractors had sued the DOT, challenging the constitutionality of the DBE program. *Mid-Am. Milling Co. v. United States Dep't of Transp.*, No. 3:23-CV-00072-GFVT-EBA, 2025 WL 1461818, at *1 (E.D. Ky. May 21, 2025). Any person may qualify as socially and economically disadvantaged, but certain racial groups and women are “rebuttably presumed” to be disadvantaged. *Id.* In September 2024, a district court judge issued a preliminary injunction enjoining the DOT from “mandating the use of race- and gender-based rebuttable presumptions for [DOT] contracts impacted by DBE goals.” *Id.* at *2. In May 2025, after the change in administration, the DOT filed a proposed consent order stipulating that the DBE program’s use of race- and sex-based presumptions is unconstitutional.¹⁶³ However, the district judge has not yet approved the order as intervenor-defendants continue to litigate the case on behalf of beneficiaries of the program. *Mid-Am. Milling Co.*, 2025 WL 1461818, at *1.

440-442. Secretary Duffy has been clear that he is targeting polices and grants that do not conform to the Administration’s priorities.

441-443. On April 24, 2025, the Secretary sent a letter to all DOT grant recipients instructing them to “Follow the Law.”¹⁶⁴ The letter told recipients they had “entered into legally enforceable agreements with the United States Government and are obligated to comply fully with all applicable Federal laws and regulations.”¹⁶⁵ The letter also provided that:

“Whether or not described in neutral terms, any policy, program, or activity that is premised on a prohibited classification, including discriminatory policies or practices designed to achieve so-called “diversity, equity, and inclusion,” or “DEI,” goals, presumptively violates Federal law. Recipients of DOT financial assistance must

¹⁶³ *Mid-Am. Milling Co. v. United States Dep't of Transp.* No. 3:23-CV-00072-GFVT-EBA, Dkt. 82-1, May 28, 2025.

¹⁶⁴ *Trump’s Transportation Secretary Sean P. Duffy: Follow The Law*, U.S. Dep’t of Trans., (April 24, 2025), <https://www.transportation.gov/briefing-room/trumps-transportation-secretary-sean-p-duffy-follow-law>. The full text of the letter is available at <https://www.transportation.gov/sites/dot.gov/files/2025-05/Follow%20the%20Law%20Letter%20to%20Applicants%204.24.25.pdf>.

¹⁶⁵ *Id.*

1 ensure that the personnel practices (including hiring, promotions, and
 2 terminations) within their organizations are merit-based and do not
 3 discriminate based on prohibited categories. Recipients are also
 4 precluded from allocating money received under DOT awards—such
as through contracts or the provision of other benefits—based on
suspect classifications.”¹⁶⁶

5 442.444. The letter told recipients they were required to cooperate with
 6 federal authorities, including cooperating and not impeding U.S. Immigration and Customs
 7 Enforcement (“ICE”).¹⁶⁷ And it provided that “DOT may also terminate funding in response to
 8 substantiated breaches of the terms of the agreement, or if DOT determines that continued
 9 funding is no longer in the public interest.”¹⁶⁸

10 443.445. In blatant contradiction of its enabling legislation in the IIJA, on
 11 April 1, 2025, the Secretary removed the “DEI/Climate Requirements” in the grant application for
 12 the SS4A grant program.¹⁶⁹ This action removed the definition of equity and language stating that
 13 the DOT was seeking projects that address equity and environmental justice from the notice of
 14 funding opportunity.¹⁷⁰ The Secretary said that “DEI and environmental justice requirements for
 15 the Safe Streets program weren’t just unnecessary – they were bogging down the system and
 16 preventing money from going out to where it’s needed.”¹⁷¹

17 444.446. On May 2, 2025, the Secretary announced that the DOT terminated
 18 “seven woke university grants” that were used to “advance a radical DEI and green agenda that
 19 were both wasteful and ran counter to the transportation priorities of the American people.”¹⁷²
 20 The Secretary explained that the “previous administration turned the [DOT] into the Department
 21 of Woke” and that Americans “have zero interest in millions of their tax dollars funding research
 22 on the intersection of gender non-conforming people and infrastructure inequality or whether road

23 ¹⁶⁶ Id.

24 ¹⁶⁷ Id.

25 ¹⁶⁸ Id.

26 ¹⁶⁹ U.S. Transportation Secretary Sean P. Duffy Announces Funding for Communities to Improve
 27 Road Safety, U.S. Dep’t of Trans. (April 1, 2025), [https://www.transportation.gov/briefing-](https://www.transportation.gov/briefing-room/us-transportation-secretary-sean-p-duffy-announces-funding-communities-improve-road)
 28 room/us-transportation-secretary-sean-p-duffy-announces-funding-communities-improve-road.

¹⁷⁰ Id.

¹⁷¹ Id.

¹⁷² U.S. Transportation Secretary Sean P. Duffy Defunds Woke University Grants, U.S. Dep’t of
Trans. (May 2, 2025), [https://www.transportation.gov/briefing-room/us-transportation-secretary-](https://www.transportation.gov/briefing-room/us-transportation-secretary-sean-p-duffy-defunds-woke-university-grants)
sean-p-duffy-defunds-woke-university-grants.

1 improvement projects are racist.”¹⁷³ The terminations included grants to UC Davis for
 2 “accelerating equitable decarbonization research,” to USC for research regarding how “the
 3 transportation system creates and perpetuates inequities,” and to Johns Hopkins for research on
 4 “pollution exposure inequality in New York City.”¹⁷⁴

5 445.447. Plaintiff Handy received a letter containing the following form
 6 explanation for her grant’s termination, which demonstrates that DOT replaced its
 7 Congressionally mandated directives for Defendant Trump’s:

8 At the time your grant was issued, the grant agreement and applicable
 9 regulations authorized termination by “the Federal awarding agency
 10 or pass-through entity, to the greatest extent authorized by law, if an
 11 award no longer effectuates the program goals or agency priorities.”
 12 2 CFR § 200.340(a)(2). DOT’s priorities presently include:

- 13 • promoting traditional forms of energy and natural resources to the
 14 greatest extent possible,
- 15 • ensuring that taxpayer dollars are used efficiently in ways that
 16 maximally benefit the American people and improve their quality of
 17 life, and
- 18 • ceasing to promote divisive diversity, equity, and inclusion
 19 initiatives that discriminate on the basis of race, national origin, or
 20 another protected characteristic.

21 Having individually reviewed your grant in light of DOT’s priorities,
 22 the Office of the Secretary has determined that your grant is
 23 inconsistent with the priorities listed above.¹⁷⁵

24 446.448. On information and belief, all researchers received the same
 25 “rationale” for grant termination.

26 447.449. The DOT’s present priorities used to rescind research grants
 27 contradict Congress’s mandate to the DOT in the IIJA and other directives.

28 448.450. Many parts of the IIJA provide funding for clean energy projects, as
opposed to “traditional forms of energy,” and mandates that the DOT distribute these funds. For
example, the IIJA appropriated “\$1.1 billion for the Federal Transit Administration’s Low or No
Emission Vehicle Program and \$50 million for the Electric or Low-emitting Ferry Program in FY

173 Id.

174 Id.

175 Handy Decl. Ex. F.

2022.”¹⁷⁶ The IJA also included billions of dollars to create additional charging stations for electric vehicles.¹⁷⁷

449-451. “Ceasing to promote divisive diversity, equity, and inclusion, initiatives” also violates the IJA and other legislation. Specifically, applicants for the UTC program are required to be evaluated on their “demonstrated commitment” to developing the transportation workforce through “outreach activities to attract new entrants into the transportation field, including women and underrepresented populations.” 49 U.S.C. § 5505(b)(4)(B)(v)(II).

450-452. On July 2, 2025, the Secretary sent a second letter to all DOT grant recipients announcing that the “Trump Administration will not enforce Biden-era DEI and Green New Scam policies or requirements.”¹⁷⁸ The Secretary wrote that the DOT will not enforce anything related to climate change, greenhouse gas emissions, racial equity, gender identity, diversity, equity, and inclusion goals, environmental justice, or the Justice 40 Initiative. This change was in response to several of President Trump’s Executive Orders, including:

- E.O. 14170, Reforming the Federal Hiring Process and Restoring Merit to Government Service;
- E.O. 14151, Ending Radical and Wasteful Government DEI Programs and Preferencing;
- E.O. 14168, Defending Women from Gender Ideology Extremism and Restoring Biological Truth to the Federal Government;
- E.O. 14149, Restoring Freedom of Speech and Ending Federal Censorship;
- E.O. 14173, Ending Illegal Discrimination and Restoring Merit-Based Opportunity; and

¹⁷⁶ *Fact Sheet: Climate and Resilience in the Bipartisan Infrastructure Law*, U.S. Dep’t of Trans., <https://www.transportation.gov/bipartisan-infrastructure-law/fact-sheet-climate-and-resilience-bipartisan-infrastructure-law>.

¹⁷⁷ *Id.*

¹⁷⁸ *President Trump’s Transportation Secretary Sean P. Duffy to Recipients of Federal Funds: We’re Tossing All Biden-Era DEI Directives*, U.S. Dep’t of Trans., (July 9, 2025), <https://www.transportation.gov/briefing-room/president-trumps-transportation-secretary-sean-p-duffy-recipients-federal-funds-were>.

- E.O. 14154, Unleashing American Energy.¹⁷⁹

451.453. The Trump DOT's drastic shift in priorities and purging of certain ideas deviates from the DOT's long-tradition of improving the nation's transportation for all Americans and violates Congressional statutes.

3. DOT Plaintiff and Other Grant Recipients Are Harmed by DOT's Illegal Grant Terminations

452.454. Plaintiff Handy and Class members have long relied on DOT grants to fund meritorious projects in the transportation space. The termination of previously approved grants has caused and continues to cause Plaintiff and Class members serious harm.

b. Plaintiff Susan Handy's Grant Terminations and Resulting Harm¹⁸⁰

453.455. Dr. Susan L. Handy is a Distinguished Professor in the Department of Environmental Science and Policy at the University of California, Davis who studies the relationship between transportation and land use, particularly the impact of land use on travel behavior and on strategies for reducing automobile dependence.

454.456. Dr. Handy has served as the Center Director of the National Center for Sustainable Transportation (NCST) since its founding in 2013. She previously served as the Chair of the Transportation Technology and Policy Graduate Group, the Chair of the Department of Environmental Science and Policy, and the Director of the Sustainable Transportation Center at UC Davis. Her recent work includes projects for the California Air Resources Board and Caltrans.

455.457. Dr. Handy is the author of the book *Shifting Gears: Toward a New Way of Thinking About Transportation* (MIT Press, 2023). She has also authored or co-authored dozens of articles, papers, and reviews on transportation and land use.

456.458. Dr. Handy also serves as an Associate Editor of *Transportation Research Record* and serves on the Editorial Board of numerous other journals including

¹⁷⁹ Id.

¹⁸⁰ Plaintiff Handy submitted a declaration, filed herewith, that further details her background and research, including information about her terminated grant.

Transport Reviews; Travel Behavior & Society; Transport Policy; Journal of Transportation and Land Use; Journal of Planning Education and Research; and Transportation Research.

The National Center for Sustainable Transportation (NCST)

457-459. Dr. Handy is the director of the National Center for Sustainable Transportation (“NCST”), which provides national leadership in advancing environmentally sustainable transportation through cutting-edge research, direct policy engagement, and education. The NCST was established in 2013 after being selected in a national competition to serve as one of five national transportation centers as part of the University Transportation Centers (UTC) program administered by the DOT under the Moving Ahead for Progress in the 21st Century Act. In 2016, the NCST successfully re-competed for the opportunity to continue serving as one of the DOT’s national UTCs under the Fixing America’s Surface Transportation Act

458-460. The NCST is a powerful coalition of seven universities across the country. The Institute of Transportation Studies at the University of California, Davis, leads the NCST, with partner centers at California State University, Long Beach; Georgia Institute of Technology; Texas Southern University; the University of California, Riverside; the University of Southern California; and the University of Vermont.

459-461. Since its founding, the NCST has been delivering results with timely, practical research that has produced 356 reports and white papers, 163 policy and research briefs—which make complex findings easy to understand for everyday Americans—and over 400 peer-reviewed publications. Over the past decade, the NCST has hosted 416 events, drawing nearly 30,000 participants from government agencies, industry leaders, and the public. Hundreds of students have taken part in NCST programs.

460-462. Many of the NCST’s studies target transportation challenges in small towns and farming communities, where good roads and access to jobs and services are essential to daily life and economic survival. NCST also supports American industry and supply chains by exploring better ways to move goods.

1 461-463. Moreover, the NCST's activities have had transformational impacts
 2 on the nation's transportation systems. Its work has contributed to accelerated adoption of
 3 vehicles and fuels that minimize greenhouse gas emissions, new approaches to infrastructure
 4 provision and systems operation that lessen environmental impacts, and a shift towards modes
 5 other than driving so as to reduce vehicle miles traveled while improving accessibility. These
 6 transformations help the United States reduce its greenhouse gas emissions while reducing other
 7 environmental harms, enhancing social equity, and supporting economic vitality.

8 462-464. The NCST has received funding from the DOT, the California
 9 Department of Transportation, the California Air Resources Board, the California Energy
 10 Commission, the South Coast Air Quality Management District, sources in the States of Georgia,
 11 Texas, and Vermont, and private industry.

12 Award of NCST Grant Funding (Nos. 69A3552344814 and 69A3552348319)

13 463-465. In 2022, Dr. Handy and her colleagues at the NCST submitted a
 14 grant proposal to the DOT to fund the NCST's research activities in the DOT Priority Area
 15 "Preserving the Environment," as set out by the Infrastructure Investment and Jobs Act ("IIJA").

16 464-466. The NCST would support four kinds of research activities, all
 17 aimed at matching research to policy: (1) building tools; (2) developing policy; (3) conducting
 18 studies; and (4) undertaking basic research. The application explained that the NCST's research
 19 activities would relate to electrification, alternative fuels, air quality, and environmental justice.

20 465-467. Dr. Handy was the Principal Investigator for this grant proposal.

21 466-468. On June 1, 2023, Dr. Handy and her team received from DOT
 22 notice of Grant Award Nos. 69A3552344814 and 69A3552348319 awarding a total of \$4,000,000
 23 per funding year, for five annual allocations of funding.

24 467-469. This award was made under the IIJA, through which the DOT
 25 awarded \$90 million in funding per year for the competitively selected UTC programs, including
 26 the NCST's \$4 million annual award. The NCST's funding was awarded to promote research
 27 focused on accelerating equitable decarbonization that benefits both the transportation system and
 28 the well-being of people in overburdened and historically disadvantaged communities. The

1 research activities were focused on three critical domains: (1) vehicle technology to accelerate
 2 lower greenhouse gas emissions; (2) infrastructure provision; and (3) reshaping travel demand.

3 Termination of NCST Grant Funding (Nos. 69A3552344814 and
 4 69A3552348319)

5 468-470. On May 2, 2025, Dr. Handy and her team learned of the termination
 6 of all of NCST's DOT funding—in effect the termination of the NCST itself—through a DOT
 7 press release titled “U.S. Transportation Secretary Sean P. Duffy Defunds Woke University
 8 Grants.”¹⁸¹

9 469-471. Also on May 2, 2025, UC Davis received a Notice of Termination
 10 announcing the termination of Award Nos. 69A3552344814 and 69A3552348319 on the grounds
 11 that the awards are “inconsistent” with current DOT “priorities,” including “DOT’s priority to
 12 cease promoting DEI initiatives that discriminate on the basis of race, national origin, or another
 13 protected characteristic.”

14 470-472. The Notice of Termination also apparently references the research
 15 activities of a different DOT grantee, C2SMARTER, in purporting to explain the reasons for the
 16 termination of NCST's grants.

17 Pacific Southwest Region University Transportation Center (PSR UTC) and Grant
 18 Funding

19 471-473. The Pacific Southwest Region University Transportation Center is a
 20 regional UTC funded by the DOT. Established in 2016, the PSR UTC is led by the University of
 21 Southern California and includes nine research partner universities, including the University of
 22 California, Berkeley, the University of California, Davis, the University of California, Irvine, and
 23 the University of California, Los Angeles.

24 472-474. Dr. Handy is the Principal Investigator on Subaward No. SCON-
 25 00005220 funded through PSR UTC's DOT Grant No. 69A3552348309. The subaward was for
 26 \$245,000 for a budget period of June 1, 2023, through May 31, 2024; subsequently amended on

27 _____
 28 ¹⁸¹ U.S. Transportation Secretary Sean P. Duffy Defunds Woke University Grants, U.S. Dep't of
Trans. (May 2, 2025), <https://www.transportation.gov/briefing-room/us-transportation-secretary-sean-p-duffy-defunds-woke-university-grants>.

1 July 1, 2024, to provide the second annual allocation of funding in the amount of \$240,734.55,
 2 and to extend the subaward end date to May 31, 2025.

3 Termination of PSR UTC Grant Funding and Subaward

4 473-475. The May 2, 2025 DOT press release announcing the termination of
 5 NCST's grants also announced the termination of PSR UTC's grants.

6 474-476. On May 5, 2025, UC Davis's Sponsored Programs Office received
 7 a stop work notification relating to Subaward No. SCON-00005220. Attached to the email was
 8 the termination letter the University of Southern California received from DOT, terminating PSR
 9 UTC's Grant No. 69A3552348309.

10 475-477. The language of this termination letter was similar to the language
 11 in the letter terminating NCST's grant funding. The PSR UTC termination letter similarly states
 12 that the "grant is inconsistent with the priorities" of DOT, including "DOT's priority to cease
 13 promoting DEI initiatives that discriminate on the basis of race, national origin, or another
 14 protected characteristic." The letter also labels PSR UTC's electric vehicle statement and
 15 "environmental justice themes" as "discriminatory consideration and 'green new deal' principles
 16 that are inconsistent with DOT's priorities."

17 Harm Suffered from Grant Terminations

18 476-478. Dr. Handy and her collaborators at NCST and PSR UTC have
 19 suffered immediate harm as a result of the cancellation of their grants and the defunding of their
 20 research centers.

21 477-479. Dr. Handy and the 77 other researchers funded by these grants at
 22 the time of cancellation have been forced to significantly slow both research progress and
 23 dissemination. As of the terminations of the grants, 79 research projects were in progress that now
 24 may not be completed. Rather than taking on pressing research questions, much of Dr. Handy's
 25 time and that of her fellow researchers has been taken up writing grant applications to replace lost
 26 funding. They have lost both time and funding needed to travel to meetings and conferences to
 27 disseminate their research.

1 478-480. The researchers on these grants have had to lay off or find new
 2 sources of funding for more than 40 graduate and undergraduate research assistants who were
 3 employed on research projects funded by these grants. Researchers have been unable to make
 4 employment offers to graduate and undergraduate research assistants or to postdoctoral fellows
 5 for the coming year. This not only has slowed Dr. Handy's research progress, it has also ceased
 6 her training of these young scholars.

7 479-481. Loss of grant funding similarly threatens Dr. Handy's ability to
 8 retain essential support staff. The loss of grant funding resulted in the loss of the equivalent of
 9 nearly 5 full time staff positions at UC Davis alone. The reduction in staffing is severely limiting
 10 the active dissemination of findings from completed projects to agencies, industry, and the public.

11 480-482. Loss of grant funding threatens the overall research and teaching
 12 operations of UC Davis, which relies on federal funding to further its educational and scientific
 13 purposes.

14 481-483. These personal and financial harms are ongoing. Nearly 10 percent
 15 of Dr. Handy's annual compensation was lost this calendar year due to grant terminations.

16 482-484. These harms are in addition to the loss of value to the public from
 17 the research funded by these grants. The grant terminations put an end to research that is critical
 18 to ensuring the environmental and financial sustainability of the nation's transportation system
 19 and enhancing its ability to serve the needs of the U.S. population.

20 **F. Allegations Against Additional Federal Agency Defendants**

21 483-485. While Plaintiffs' grants were unlawfully terminated by EPA, NEH,
 22 and NSF, ~~DOD~~, and ~~DOT~~, these agencies are acting no differently than other federal agencies
 23 choosing to ignore their congressional mandates in favor of political objectives. Indeed, all are
 24 acting under the Executive Orders and other unlawful directives from Defendants Trump and
 25 DOGE, rather than under the authority of their statutory mandates.

26 484-486. The Federal Agency Defendants are acting in similar, categorical,
 27 and lockstep fashion. Their uniform and categorically unlawful conduct usurps congressional
 28 authority and the rights of Class members in the same unlawful way, and it will only increase,

absent the declaratory and injunctive relief requested in this Complaint. The violation of separation of power principles is still more blatant now that Defendant Trump and the members of his Cabinet collectively and directly run DOGE. The following allegations demonstrate that all Federal Agency Defendants have engaged in the same course of conduct and harmed the members of the UC researchers class in the same way as the Named Plaintiffs have been harmed, under the same Executive Orders and DOGE directives.

~~485-487.~~ Class members (researchers in the UC system) receive funding from an array of federal agencies, and have suffered the same type of harm (abrupt termination of previously awarded grants under Executive Orders and/or other Trump administration directives) from the universal terminations perpetuated by Defendants.

~~486-488.~~ At minimum, the following Federal Agency Defendants have terminated or will imminently terminate grants to Class members:

1. Department of Agriculture

~~487-489.~~ Early into President Trump's tenure, the Department of Agriculture (USDA) ceded control to DOGE. Secretary of Agriculture Brooke Rollins announced on February 14, 2025 that she "welcome[d]" DOGE's spending cuts, and that DOGE would have "full access" as Rollins reviewed "thousands of ...grants" over the first weeks of her tenure. All of this, according to USDA, would be done "per the President's directives."¹⁸²

~~488-490.~~ By March 13, 2025, USDA announced that Rollins had "worked with [DOGE] to streamline USDA operations by cutting wasteful spending," hyperlinking to a social media post about a terminated university research grant.¹⁸³

~~489-491.~~ USDA also canceled its Partnerships for Climate-Smart Commodities program, which included research grants to universities.¹⁸⁴ USDA stated that

¹⁸² U.S. Dep't of Agric., *Secretary Rollins Takes Bold Action to Stop Wasteful Spending and Optimize USDA to Better Serve American Agriculture* (Feb. 14, 2025), <https://www.usda.gov/about-usda/news/press-releases/2025/02/14/secretary-rollins-takes-bold-action-stop-wasteful-spending-and-optimize-usda-better-serve-american>.

¹⁸³ U.S. Dep't of Agric., *Secretary Brooke Rollins Takes Bold Action in First 30 Days at USDA* (Mar. 13, 2025), <https://www.usda.gov/about-usda/news/press-releases/2025/03/13/secretary-brooke-rollins-takes-bold-action-first-30-days-usda>.

¹⁸⁴ See, e.g., Univ. of Idaho, *Secretary Brooke Rollins Takes Bold Action in First 30 Days at*

recipients could re-apply for funding if their projects were “aligned with the priorities of this Administration.”¹⁸⁵

~~490-492.~~ USDA grants to UC researchers were terminated, causing serious harm. On information and belief, researchers received form termination letters.

~~491-493.~~ By terminating grants at the direction of the President and DOGE, USDA has violated its congressional mandates. Such mandates include, for example, compliance with and effectuation of the legislative purposes implicit in congressional appropriations, and 7 U.S.C. § 3157, which establishes a research grant program to “promote research in food, agriculture, and related areas.”

~~492-494.~~ By effectuating mass terminations of grants to UC researchers without proper review or clear explanation, USDA acted unconstitutionally and unlawfully, as set forth in the Claims for Relief asserted below.

2. AmeriCorps

~~493-495.~~ AmeriCorps has also mass terminated grants in response to President Trump’s Executive Orders and DOGE directives.

~~494-496.~~ AmeriCorps has stated that it is “taking proactive action to ensure alignment with . . . the Trump-Vance Administration priorities.” AmeriCorps has also stated that all grants and grant applications “must comply with President Trump’s executive orders,” specifically listing the following Executive Orders: “Defending Women From Gender Ideology Extremism and Restoring Biological Truth to the Federal Government,” “Unleashing American Energy,” “Ending Radical and Wasteful Government DEI Programs and Preferencing,” and “Ending Illegal Discrimination and Restoring Merit-Based Opportunity.”¹⁸⁶

USDA (Apr. 16, 2025), <https://www.uidaho.edu/news/news-articles/news-releases/2025/041625-iamp-termination>.

¹⁸⁵ U.S. Dep’t of Agric., *USDA Cancels Biden Era Climate Slush Fund, Reprioritizes Existing Funding to Farmers* (Apr. 14, 2025), <https://content.govdelivery.com/accounts/USDAOOC/bulletins/3dbe363>.<https://content.govdelivery.com/accounts/USDAOOC/bulletins/3dbe363>.

¹⁸⁶ AmeriCorps, *Grantee and Sponsor Guidance on Compliance*, <https://www.americorps.gov/grantees-sponsors/grantee-sponsor-guidance-compliance> (last visited May 28, 2025).

1 ~~495-497.~~ On April 25, 2025, news outlets reported that DOGE had ordered
 2 AmeriCorps to terminate almost \$400 million in grants.¹⁸⁷ This constitutes roughly 41% of the
 3 agency's total grant funding.

4 ~~496-498.~~ That same day, UC researchers received form termination letters
 5 that read:

6 Effective immediately, the AmeriCorps award subrecipient(s)
 7 included in the attached spreadsheet is/are being terminated per 2
 8 CFR 200.340(a)(4) because it has been determined that the award no
 9 longer effectuates agency priorities. You must immediately cease all
 award activities. This is a final agency action and is not
 administratively appealable.

10 ~~497-499.~~ UC researchers have suffered serious harm as a result of
 11 Defendants' actions.

12 ~~498-500.~~ By terminating grants at the direction of the President and DOGE,
 13 AmeriCorps has violated its congressional mandates. Such mandates include, for example,
 14 compliance with and effectuation of the legislative purposes implicit in congressional
 15 appropriations, and 42 U.S.C. 12653 (describing activities AmeriCorps must carry out directly or
 16 through grants).

17 ~~499-501.~~ By effectuating mass terminations of grants to UC researchers
 18 without proper review or clear explanation, AmeriCorps acted unconstitutionally and unlawfully,
 19 as set forth in the Claims for Relief asserted below.

20 ~~3. — Department of Defense~~

21 ~~500. — The Department of Defense (DOD) quickly caved to President Trump's~~
 22 ~~and DOGE's directives to eliminate grants. On March 4, Chief Pentagon Spokesman Sean Parnell~~
 23 ~~stated that DOD had been working "hand in hand with the DOGE team."~~¹⁸⁸

24 _____
 25 ¹⁸⁷ Teri Raji, *DOGE Orders major cut to AmeriCorps funding, imperiling agency's work*, The
 26 Washington Post (Apr. 25, 2025),
 27 <https://www.washingtonpost.com/nation/2025/04/25/ameri-corps-grant-cuts-doge/>; Sophia Cai &
 Ben Johansen, *DOGE Hits Trump Country*, Politico (Apr. 30, 2025),
<https://www.politico.com/news/2025/04/30/doge-hits-trump-country-00319654>.

28 ¹⁸⁸ ~~C. Todd Lopez, *Initial DOGE Findings Reveal \$80 Million in Wasteful Spending at DOD*,
 U.S. Dep't of Def. (Mar. 4, 2025), <https://www.defense.gov/News/News->~~

501.—By March 7, the Department had terminated more than \$30 million in grants that funded 91 studies. In a press release, the Department recognized “the value of academic research” but stated it was taking action “in response to President Trump’s Executive Orders.”¹⁸⁹

502.—By March 20, Secretary Hegseth issued a memorandum directing the immediate termination of over \$360 million in additional grants in order to “implement the President’s orders.”¹⁹⁰

503.—By terminating grants at the direction of the President, DOD has violated its congressional mandates. Such mandates include, for example, Congress’s determination of DOD’s funding through the annual National Defense Authorization Act and the requirement that all DOD grants be based on authorizing legislation. *See* 32 CFR 21.410; 32 CFR Part 22.

504.—On information and belief, DOD grant terminations have caused serious harm to UC researchers.

505.—For example, a development economist at UC Santa Barbara received a grant through DOD’s Minerva Research Initiative, a social sciences program built to learn from the failures of the September 11, 2001 terrorist attacks.¹⁹¹ Her grant to study the effects of climate shocks on food security in sub-Saharan Africa—awarded in 2023 for three years with an option of two more—was terminated.¹⁹²

Stories/Article/Article/4096431/initial-doge-findings-reveal-80-million-in-wasteful-spending-at-dod/.

¹⁸⁹ U.S. Dep’t of Def., *Pentagon Culls Social Science Research, Prioritizes Fiscal Responsibility and Technologies for Future Battlefield*, (Mar. 7, 2025), <https://www.defense.gov/News/Releases/Release/Article/4113076/pentagon-culls-social-science-research-prioritizes-fiscal-responsibility-and-te/>.

¹⁹⁰ U.S. Dep’t of Def., *Continuing Elimination of Wasteful Spending at the Department of Defense* (Mar. 20, 2025), <https://media.defense.gov/2025/Mar/20/2003673531/-1/-1/0/CONTINUING-ELIMINATION-OF-WASTEFUL-SPENDING-AT-THE-DEPARTMENT-OF-DEFENSE.PDF>.

¹⁹¹ Nick Evans, *Save the Minerva Research Initiative—Again, Breaking Defense* (Apr. 11, 2025), <https://breakingdefense.com/2025/04/save-the-minerva-research-initiative-again/>.

¹⁹² Smriti Mallapaty, *‘Boggles the mind’: US defence department slashes research on emerging threats*, *Nature* (Mar. 21, 2025), <https://www.nature.com/articles/d41586-025-00840-7>.

~~506.—On information and belief, by effectuating mass terminations of grants to UC researchers without proper review or clear explanation, DOD acted unconstitutionally and unlawfully, as set forth in the Claims for Relief asserted below.~~

4.3. Department of Education

~~507.502.~~ Department of Education grants were an early DOGE target. On February 10, DOGE announced (on X, Elon Musk’s social media platform) that it had terminated 29 “DEI training grants” totaling over \$100 million.¹⁹³ DOGE also announced the termination of 89 other Department of Education contracts. This included contracts made by the Department’s nonpartisan research arm, the Institute of Education Sciences.¹⁹⁴

~~508.503.~~ When asked for comment on the terminations, a spokesperson for the Department stated: “We kindly point you to the X post from DOGE.”¹⁹⁵

~~509.504.~~ On information and belief, Department of Education grant terminations have caused serious harm to UC researchers.

~~510.505.~~ By terminating grants at the direction of the President and DOGE, the Department has violated its congressional mandates. Such mandates include, for example, compliance with and effectuation of the legislative purposes implicit in congressional appropriations, and specific directives such as 20 U.S.C. §§ 9511, 9512 (establishing Institute of Education Sciences).

~~511.506.~~ On information and belief, the Department effectuated mass terminations of grants to UC researchers without proper review or clear explanation, thereby acting unconstitutionally and unlawfully as set forth in the Claims for Relief asserted below.

¹⁹³ DOGE (@DOGE), *Also today, the Department Of Education terminated 89 contracts worth \$881mm.* (Feb. 10, 2025), <https://x.com/DOGE/status/1889113011282907434>.

¹⁹⁴ Rebecca Carballo & Juan Perez Jr., *DOGE announces \$881 million in cuts for Education Department Contracts*, Politico (Feb. 10, 2025), <https://www.politico.com/news/2025/02/10/education-department-pauses-research-contracts-00203494>.

¹⁹⁵ Kalyn Belsha, *Crucial research halted as DOGE abruptly terminates Education Department contracts*, Chalkbeat (Feb. 11, 2025), <https://www.chalkbeat.org/2025/02/11/elon-musk-and-doge-cancel-education-department-research-contracts/>.

5.4. Department of Energy

~~512.507.~~ The Department of Energy (DOE) quickly began department-wide restructuring pursuant to Trump orders. On February 5, 2025, the Secretary of Energy announced that DOE would “take immediate action . . . in accordance with President Trump’s executive orders.”¹⁹⁶

~~513.508.~~ DOE began implementing Defendant Trump’s orders with help from DOGE. In a press release, DOE announced that it was appointing the then-current head of DOGE at DOE, Carl Coe, as its new Chief of Staff. The press release specified that Coe “has worked closely with Secretary Wright” in order to effectuate “process improvement and cost savings,” or what DOE referred to as “DOGE efforts.”¹⁹⁷

~~514.509.~~ Soon thereafter, DOE instituted a 15% cap on indirect costs for university research grants, even while acknowledging that “many grant recipients use indirect cost payments to effectuate research funded by the Department’s grant awards.” This action was taken to “deliver[] on President Trump’s commitment” to slash research grants.¹⁹⁸ The cap has been temporarily enjoined.¹⁹⁹

~~515.510.~~ On May 15, 2025, Secretary Wright issued a Secretarial Memorandum titled: “Secretarial Policy on Ensuring Responsibility for Financial Assistance.”²⁰⁰ The memo announced that DOE would be reviewing prior funding awards to ensure they are

¹⁹⁶ Chris Wright, *Unleashing the Golden Era of American Energy Dominance*, U.S. Dep’t of Energy (Feb. 5, 2025), <https://www.energy.gov/articles/secretary-wright-acts-unleash-golden-era-american-energy-dominance>.

¹⁹⁷ U.S. Dep’t of Energy, *DOE Announces New Leadership to Tackle Challenges of Growing Energy Demand* (May 2, 2025), <https://www.energy.gov/articles/doe-announces-new-leadership-tackle-challenges-growing-energy-demand>.

¹⁹⁸ U.S. Dep’t of Energy, *Department of Energy Overhauls Policy on College and University Research, Saving \$405 Million Annually for American Taxpayers* (Apr. 11, 2025), <https://www.energy.gov/articles/department-energy-overhauls-policy-college-and-university-research-saving-405-million>.

¹⁹⁹ *Id.*

²⁰⁰ Chris Wright, *Secretarial Policy on Ensuring Responsibility for Financial Assistance*, EXEC-2025-005990, U.S. Dep’t of Energy (May 14, 2025), [https://www.energy.gov/sites/default/files/2025-05/EXEC-2025-005990%20-%20Secretarial%20Policy%20-PRP%20-%20205-14-25%20\(FINAL\)%20\(2\).pdf](https://www.energy.gov/sites/default/files/2025-05/EXEC-2025-005990%20-%20Secretarial%20Policy%20-PRP%20-%20205-14-25%20(FINAL)%20(2).pdf).

1 “consistent with... this Administration’s policies and priorities.” It also announced an intent to
2 terminate projects.

3 ~~516.511.~~ DOE stated its review would begin by reviewing 179 awards that
4 totaled over \$15 billion, and would then extend to other awards.²⁰¹

5 ~~517.512.~~ DOE is one of the largest funders of UC research. UC researchers
6 have been or will be seriously harmed by DOE’s imminent grant terminations.

7 ~~518.513.~~ By terminating or imminently terminating grants to UC researchers
8 at the direction of the President and DOGE, DOE has violated its congressional mandates. Such
9 mandates include, for example, compliance with and effectuation of the legislative purposes
10 implicit in congressional appropriations.

11 ~~519.514.~~ By effectuating mass terminations of grants to UC researchers
12 without proper review or clear explanation, DOE acted unconstitutionally and unlawfully as set
13 forth in the Claims for Relief asserted below.

14 **6.5. Department of Health and Human Services, including the Centers**
15 **for Disease Control, the Food and Drug Administration, and the**
16 **National Institutes of Health**

17 ~~520.515.~~ The Department of Health and Human Services (HHS) has been
18 explicit about its adherence to Trump’s and DOGE’s orders. HHS announced on March 27, 2025
19 that it would begin “restructuring in accordance with President Trump’s Executive Order”
20 creating DOGE.²⁰²

21 ~~521.516.~~ HHS has cancelled hundreds of millions of dollars in research
22 grants, including grants related to COVID-19, to prioritize “projects that will deliver on President
23 Trump’s mandate[s].”²⁰³

24 ²⁰¹ U.S. Dep’t of Energy, *Secretary Wright Announces New Policy for Increasing Accountability,*
25 *Identifying Wasteful Spending of Taxpayer Dollars* (May 15, 2025),
<https://www.energy.gov/articles/secretary-wright-announces-new-policy-increasing-accountability-identifying-wasteful>.

26 ²⁰² Chris Wright, *Unleashing the Golden Era of American Energy Dominance*, U.S. Dep’t of
27 Energy (Feb. 5, 2025), <https://www.energy.gov/articles/secretary-wright-acts-unleash-golden-era-american-energy-dominance>.

28 ²⁰³ Brandy Zadrozny, *CDC Pulling Back \$11B in COVID Funding Sent to Health Departments*,
NBC News (Mar. 25, 2025), <https://www.nbcnews.com/health-news/cdc-pulling-back-11b-covid-funding-sent-health-departments-us-rcna198006>.

~~522-517.~~ HHS is taking such action at DOGE’s direction, and promoting the idea that it has “saved” \$67 billion.”²⁰⁴ The “Defend the Spend” collaboration between DOGE and HHS has frozen thousands of grants.²⁰⁵

~~523-518.~~ Indeed, DOGE operatives have personally directed top NIH officials to terminate “hundreds” of grants.²⁰⁶

~~524-519.~~ *Science* reported in late March that DOGE would begin reviewing all new NIH grant funding applications to ensure that HHS-funded research aligned with Trump priorities.²⁰⁷

~~525-520.~~ By terminating grants to UC researchers at the direction of the President and DOGE, HHS has violated its congressional mandates. Such mandates include, for example, compliance with and effectuation of the legislative purposes implicit in congressional appropriations; spending required by 42 U.S.C. § 241; and directives to HHS subunits.

~~526-521.~~ HHS’s mass grant terminations have caused serious harm to UC researchers, including those who received grants through HHS’s subunits: the Centers for Disease Control (CDC), the Food and Drug Administration (FDA), and the National Institutes of Health (NIH).

~~527-522.~~ HHS’s own database of grant terminations reveals that it has terminated 104 grants to UC recipients.²⁰⁸ A study published on May 8, 2025 identified UCSF as being particularly hard-hit by HHS grant terminations.²⁰⁹

²⁰⁴ U.S. Dep’t of Health & Human Servs., *Celebrating Big Wins of the Trump Administration*, <https://www.hhs.gov/hhs-big-wins-maha/index.html> (last visited May 28, 2025).

²⁰⁵ Dan Diamond, et al., *DOGE, Trump Grants, HHS NIH Backlog*, Washington Post (Apr. 17, 2025), <https://www.washingtonpost.com/politics/2025/04/17/doge-trump-grants-hhs-nih-backlog/>.

~~²⁰⁶ Max Kozlov, *NIH killed grants on orders from Elon Musk’s DOGE*, *Nature* (May 21, 2025), <https://www.nature.com/articles/d41586-025-01617-8>.~~

~~²⁰⁷ Sara Readon, *Trump Officials Will Screen NIH Funding Opportunities*, *Science Adviser* (Mar. 26, 2025), <https://www.science.org/content/article/trump-officials-will-screen-nih-funding-opportunities>.~~

²⁰⁸ U.S. Dep’t of Health & Human Servs., *HHS Grants Terminated* (May 23, 2025), https://tags.hhs.gov/Content/Data/HHS_Grants_Terminated.pdf.

²⁰⁹ Michael Liu, Kushal T. Kadakia & Vishal R. Patel, *Characterization of Research Grant Terminations at the National Institutes of Health*, JAMA Network (May 8, 2025), <https://jamanetwork.com/journals/jama/fullarticle/2833880?guestAccessKey=3a432109-6c9d-4ef2-9d10->

1 ~~528.—As but one example, a UC Berkeley statistician in March received a form~~
 2 ~~notice stating that the FDA was terminating already awarded grant funding for his project “Health~~
 3 ~~and Neurodevelopmental Outcomes in Infants at Risk for Neonatal Opioid Withdrawal~~
 4 ~~Syndromes: Effects of Timing and Duration of Prenatal Opioid Exposure and Postnatal~~
 5 ~~Management with ESC” had been terminated.~~

6 ~~529.—The premise of the grant research was that non-pharmacological~~
 7 ~~approaches to managing neonatal opioid withdrawal syndrome (NOWS) in infants, such as the~~
 8 ~~use of “Eat, Sleep, Console (ESC),” improve infant outcomes compared to opioid replacement~~
 9 ~~treatment. The project planned to compare differences in outcomes between opioid replacement~~
 10 ~~pharmacotherapy and non-pharmacological management in infants with NOWS.~~

11 ~~530.—As a result of the grant termination, progress on this critical project has~~
 12 ~~been delayed and left incomplete.~~

13 ~~531.—Moreover, the UC researcher has had to backfill for lost funding, including~~
 14 ~~by agreeing to teach an online introductory statistics course that will require many hours of~~
 15 ~~preparation and instruction. Time he spends on this would otherwise have been committed to~~
 16 ~~research.~~

17 ~~532.—Additionally, the researcher has been unable to offer research assistantships~~
 18 ~~to graduate students due to lack of funding, limiting his research productivity. Finally, and~~
 19 ~~consequentially vis-à-vis training a next generation of researchers, the graduate student supported~~
 20 ~~by the grant award has been unable to continue his planned dissertation work involving project~~
 21 ~~data.~~

22 ~~533.523.~~_____The CDC also terminated a grant awarded to a UC Berkeley
 23 Biostatistician/Epidemiologist for a project titled “Strengthening California’s Public Health
 24 Workforce to Improve Decision Making and Health Equity Through Advanced Training and
 25 Academic Partnership.”

26
 27
 28 [bf48d91fe441&utm_source=for_the_media&utm_medium=referral&utm_campaign=ftm_links&utm_content=tf1&utm_term=050825.](#)

~~534.524.~~ On information and belief, HHS and its subunits have effectuated mass terminations of grants to UC researchers without proper review or clear explanation, thereby acting unconstitutionally and unlawfully as set forth in the Claims for Relief asserted below.

7.6. Institute of Museum and Library Services

~~535.525.~~ Through an Executive Order, Defendant Trump called for the elimination of the Institute of Museum and Library Services (IMLS).²¹⁰ IMLS grant activities have been hit particularly hard by Defendants' illegal actions.

~~536.526.~~ On information and belief, IMLS's mass termination of grants likewise occurred at DOGE's direction. On its social media account X, IMLS wrote: "The era of using your taxpayer dollars to fund DEI grants is OVER." The post tagged DOGE and reposted a Fox News post asserting that "Trump's DOGE push slashes millions."²¹¹

~~537.527.~~ In early April 2025, UC researchers who had previously received IMLS grants received a form letter terminating their grants. It read:

This letter provides notice that the Institute of Museum and Library Services (IMLS) is terminating your federal grant ([Grant Application No.]) effective April 8, 2025, in accordance with the termination clause in your Award Agreement. Upon further review, IMLS has determined that your grant is unfortunately no longer consistent with the agency's priorities and no longer serves the interest of the United States and the IMLS Program. IMLS is repurposing its funding allocations in a new direction in furtherance of the President's agenda. Independently and secondly, the President's March 14, 2025 executive order mandates that the IMLS eliminate all non-statutorily required activities and functions. See Continuing the Reduction of the Federal Bureaucracy, E.O. 14238 (Mar. 14, 2025). Therefore, the IMLS hereby terminates your grant in its entirety effective April 8, 2025. Please contact grant-notices@imls.gov with only urgent questions. We wish you well.

²¹⁰ Exec. Order No. 14238, *Continuing the Reduction of the Federal Bureaucracy*, 90 Fed. Reg. 813043 (Mar. 14, 2025), <https://www.whitehouse.gov/presidential-actions/2025/03/continuing-the-reduction-of-the-federal-bureaucracy/>.

²¹¹ U.S. Inst. of Museum & Library Servs. (@US_IMLS), *The era of using your taxpayer dollars to fund DEI grants is OVER*. (Apr. 3, 2025), https://x.com/US_IMLS/status/1907814174693941660.

~~538-528.~~ UC researchers are concretely harmed by the termination of IMLS grants.

~~539-529.~~ By terminating grants at the direction of the President and DOGE, IMLS has violated its congressional mandates. Such mandates include, for example, compliance with and effectuation of the legislative purposes implicit in congressional appropriations, and the more general direction in 20 U.S.C. §§ 9108, 9162, 9165, 9175 (notably, the last two sections direct IMLS to “develop a diverse workforce” of library and museum professionals).

~~540-530.~~ By effectuating mass terminations of grants to UC researchers without proper review or clear explanation, IMLS acted unconstitutionally and unlawfully as set forth in the Claims for Relief asserted below.

8.7. Department of the Interior, including National Park Service

~~541-531.~~ The Department of the Interior (DOI) has worked closely with DOGE to implement Defendant Trump’s orders. DOI said that it was “committed to supporting President Trump’s Executive Order” creating DOGE.²¹²

~~542-532.~~ DOI allowed a DOGE staffer to prepare lists of grants for termination, flagging those that addressed “climate” or “D.E.I.” As of May 7, 2025, a DOGE staff member had earmarked many research grants from the National Park Service (NPS) and other DOI subagencies for future termination.²¹³ DOI has carried out or will imminently carry out these terminations.

~~543-533.~~ By terminating grants at the direction of the President and DOGE, DOI has violated its congressional mandates. Such mandates include, for example, compliance with and effectuation of the legislative purposes implicit in congressional appropriations, and other legislation specifying the functions of individual DOI subunits, such as NPS.²¹⁴

²¹² U.S. Dep’t of the Interior, *SO-3429 – Consolidation, Unification, and Optimization of Administrative Function* (Apr. 17, 2025), <https://www.doi.gov/document-library/secretary-order/so-3429-consolidation-unification-and-optimization-administrative>.

²¹³ Lisa Friedman, *Trump Administration is Said to Target Park Services*, The New York Times (May 7, 2025), <https://www.nytimes.com/2025/05/07/climate/trump-park-service-grants-cuts.html>.

²¹⁴ See, e.g., U.S. Nat’l Park Serv., *Grants for Cultural Resources, Consultation, and Repatriation*, <https://www.nps.gov/history/grants.htm> (last visited May 29, 2025), (“Grant

~~544.534.~~ DOI has terminated or will imminently terminate grants to UC researchers, causing concrete harm.

~~545.535.~~ By effectuating mass terminations of grants to UC researchers without proper review or clear explanation, DOI acted unconstitutionally and unlawfully as set forth in the Claims for Relief asserted below.

9.8. Department of State, including USAID

~~546.536.~~ Early into President Trump's tenure, DOGE set its sights on USAID, essentially gutting the entire agency.²¹⁵

~~547.537.~~ USAID terminated grants to UC researchers, causing serious harm.

~~548.538.~~ By terminating grants at the direction of the President and DOGE, the State Department has violated its congressional mandates. Such mandates include, for example, compliance with and effectuation of the legislative purposes implicit in congressional appropriations, such as the fiscal year 2024 Department of State and Foreign Operations Appropriations Act.

~~549.~~ By effectuating mass terminations of grants to UC researchers without proper review or clear explanation, the State Department acted unconstitutionally and unlawfully as set forth in the Claims for Relief asserted below.

10. Department of Transportation

~~550.—The Department of Transportation (DOT) quickly fell in line with Trump's orders. Secretary of Transportation Sean Duffy told recipients of DOT funding that they must comply with President Trump's orders if they wished to continue receiving it.~~²¹⁶

~~551.—In a memorandum to staff in early March 2025, DOT required review of all grant projects announced from fiscal year 2022 through 2025, requiring termination of grants that~~

programs fund projects as described or limited by their authorizing legislation.”).

²¹⁵ Ellen Knickmeyer, *Trump Administration Fires at Least 1,600 USAID Workers*, AP News (Feb. 23, 2025), <https://apnews.com/article/usaid-trump-musk-foreign-aid-firings-a3af8ce6ef17878b718c8e2ed3bf98e4>.

²¹⁶ ~~U.S. Dep't of Transp., U.S. Transportation Secretary Sean P. Duffy Defunds Woke University Grants (May 2, 2025), <https://www.transportation.gov/briefing-room/us-transportation-secretary-sean-p-duffy-defunds-woke-university-grants>.~~

1 “are allocating funding to advance climate, equity, and other priorities counter to the
2 Administration’s Executive Orders.”²¹⁷

3 552.—DOGE has also directed DOT to slash university research grants. Secretary
4 Duffy has openly discussed DOGE’s cost-cutting efforts at DOT,²¹⁸ and Elon Musk has broadcast
5 posts on social media about his collaboration with Secretary Duffy to cancel university research
6 grants.²¹⁹

7 553.—By terminating grants at the direction of the President and DOGE, DOT
8 has violated its congressional mandates. Such mandates include, for example, compliance with
9 and effectuation of the legislative purposes implicit in congressional appropriations, and 49
10 U.S.C. § 330.

11 554.—DOT’s mass termination of grants has caused concrete harm to UC
12 researchers.

13 555.—For example, DOT unlawfully terminated \$12 million in previously
14 allocated funding to UC Davis for research on equitable decarbonization.²²⁰ This cut also affected
15 researchers at UC Riverside, a university partner of the UC Davis-based sustainable
16 transportation research consortium that originally received the grant.²²¹

20 ²¹⁷ Jeff Davis, *USDOT Issues Review Procedures for Competitive Grants*, Eno Transp. Found.
21 (Mar. 14, 2025), <https://enotrans.org/article/document-usdot-issues-review-procedures-for-competitive-grants/#:~:text=Summary:%20All%20competitive%20grant%20and,Government%20DE%20Programs%20and%20Preferencing->

22 ²¹⁸ YouTube, *Sean Duffy: My Department's Role Is Safety*, Fox News https://youtu.be/rNM-Fb0jI_0?feature=shared (last visited May 28, 2025).

23 ²¹⁹ Elon Musk (@elonmusk), *Working with @SecDuffy, the @DOGE is glad to stop funding studies to determine if roads are racist* (May 2, 2025),
24 <https://x.com/elonmusk/status/1918412277709193503>.

25 ²²⁰ U.S. Dep’t of Transp., *U.S. Transportation Secretary Sean P. Duffy Defunds Woke University Grants* (May 2, 2025), <https://www.transportation.gov/briefing-room/us-transportation-secretary-sean-p-duffy-defunds-woke-university-grants>.

26 ²²¹ Sam Chiu, *UC Davis Secures \$20 Million Federal Grant Renewal to Lead the National Center for Sustainable Transportation*, UC Davis Inst. of Transp. Studies (Feb. 23, 2023),
27 <https://its.ucdavis.edu/blog-post/uc-davis-secures-20-million-federal-grant-renewal-to-lead-the-national-center-for-sustainable-transportation/>.

~~556-539. On information and belief, DOT effectuated mass terminations of grants to UC researchers without proper review or clear explanation, thereby acting unconstitutionally and unlawfully as set forth in the Claims for Relief asserted below.~~

V. The Trump Administration Is Threatening Additional, Illegal Funding Cuts to the UC System

~~557-540.~~ In the days leading up to the filing of this complaint, the head of DOJ’s “antisemitism task force,” Leo Terrell, announced forthcoming “massive lawsuits” targeting the UC system. According to Terrell, the DOJ is “going to go after [the UC system] where it hurts them financially.” If recent actions against other universities are any guide, this will likely include the revocation of additional congressionally allocated grants and funds. These anticipated cuts, while not directly implicated by this lawsuit, borrow from the same playbook and are part of the same executive branch scheme of illegally seizing and weaponizing the power of the purse to harm universities and their faculty, to the great detriment of the American public.

VI. Unless Enjoined, Grant Terminations Will Cause Irreparable Harm to Plaintiffs, the Class, and the Nation

~~558-541.~~ Plaintiffs and the proposed Class have suffered and will continue to suffer the following injuries as a direct result of Defendants’ conduct:

- a. Interruption or abandonment of ongoing research projects as a direct result of the loss of previously awarded grants;
- b. Attendant reduction of employment for or layoffs of researchers and their staff;
- c. Career disadvantage, including: loss of opportunities to publish research, inability to attend project-relevant conferences, and reduced ability to obtain related or follow-on grants;
- d. Expenditure of considerable time and effort to find substitute funding;
- e. The need to support project team members with discretionary funds, or to otherwise duct-tape solutions to a massive funding shortfall that first manifests as an immediate cash flow problem within affected campus research units; and

f. Reputational injury, including loss of trust from the community partners so integral to ensuring that public university research is responsive and relevant to local needs.

~~559-542.~~ These direct, concrete injuries to Plaintiff researchers themselves have an inexorable and damaging ripple effect on the research mission of individual researchers and research teams; on the research mission of the UC system itself; on the citizens of California; and on all Americans, and indeed people throughout the world, who daily benefit from the fruits of UC discoveries, innovations, and inventions.

CLAIMS FOR RELIEF

COUNT I – Implied Right of Action, Nonstatutory Review, and *Ultra Vires* Actions; Violation of Separation of Powers

~~560-543.~~ Plaintiffs reallege all paragraphs above as if fully set forth herein.

~~561-544.~~ This Court has jurisdiction to enjoin federal officials from violating the Constitution, including the separation of powers. *Free Enter. Fund v. Pub. Co. Acct. Oversight Bd.*, 561 U.S. 477, 491 n.2 (2010).

~~562-545.~~ The Constitution empowers Congress to make laws, U.S. Const. art. 1, § 1, and requires the President to “take Care that the Laws be faithfully executed,” *id.* art. II, § 3. The “Take Care Clause” assures that, consistent with the structural and functional separation of powers on which our system of government is based—and on which it depends—“Congress makes the laws and the President faithfully... executes them.” *Utility Air Reg. Grp. v. Envtl. Prtto. Agency*, 573 U.S. 302, 327 (2014) (cleaned up). The faithfulness the Constitution requires of the Executive is not to the President’s views on priorities, but to the laws enacted by Congress as interpreted and enforced by the Courts. Congress’s powers to set the policies of the nation are at their apex when it comes to spending money, as the Constitution “exclusively grants the power of the purse to Congress, not the President.” *City & Cnty. of San Francisco v. Trump*, 897 F.3d 1225, 1231 (9th Cir. 2018).

~~563-546.~~ The executive branch has no constitutional authority to refuse to carry out laws enacted by Congress, and it has no constitutional authority to block, amend, subvert, or delay spending appropriations based on the President’s own policy preferences. For

1 nearly two hundred years, it has been established that a president violates the Take Care Clause
 2 when he overrides statutes enacted by Congress, or refuses to execute such statutes or their
 3 implementing regulations. *Kendall v. United States*, 37 U.S. (12 Pet.) 524, 613 (1838). The
 4 President “is without authority to set aside congressional legislation by executive order.” *In re*
 5 *United Mine Workers of Am. Int’l Union*, 190 F.3d 545, 551 (D.C. Cir. 1999).

6 ~~564.547.~~ Defendants’ decisions to unilaterally cancel duly awarded grants
 7 and withhold funding that Congress has appropriated precisely to fund such grants violates the
 8 separation of powers.

9 ~~565.548.~~ Defendants’ decisions to delay spending and outright refuse to
 10 spend the amounts Congress appropriated violates Congress’s power of the purse and the
 11 separation of powers.

12 ~~566.549.~~ Because Defendants’ actions violate the separation of powers and
 13 are *ultra vires*, they should be declared unconstitutional and enjoined.

14 **COUNT II –**
 15 **Implied Right of Action, Nonstatutory Review, and *Ultra Vires* Actions;**
 16 **Violation of First Amendment (Content and Viewpoint Discrimination)**

16 ~~567.550.~~ Plaintiffs reallege all paragraphs above as if fully set forth herein.

17 ~~568.551.~~ The First Amendment provides that the federal government “shall
 18 make no law . . . abridging the freedom of speech.” U.S. Const. amend. I.

19 ~~569.552.~~ The First Amendment prohibits the government from “regulating
 20 speech when the specific motivating ideology or the opinion or perspective of the speaker is the
 21 rationale for the restriction.” *Rosenberger v. Rector & Visitors of Univ. of Va.*, 515 U.S. 819, 829
 22 (1995). “Discrimination against speech because of its message is presumed to be
 23 unconstitutional.” *Id.* at 828.

24 ~~570.553.~~ “[E]ven in the provision of subsidies, the Government may not
 25 ‘ai[m] at the suppression of dangerous ideas.’” *Nat’l Endowment for the Arts v. Finley*, 524 U.S.
 26 569, 587 (1998) (quoting *Regan v. Taxation with Representation of Wash.*, 461 U.S. 540, 550
 27 (1983) (alteration in original)). In the grant-making context, the government may not reject “a
 28 whole class of projects” based on “viewpoint alone,” or use Federal funding to “impose a

disproportionate burden calculated to drive certain ideas or viewpoints from the marketplace.”
Rhode Island Latino Arts v. Nat’l Endowment for the Arts, No.25-cv-79-WES, 2025 WL
 1009026, at *12 (D.R.I. Apr. 3, 2025) (quoting *Finley*, 524 U.S. at 587).

~~571-554.~~ Defendants’ mass termination of grants to disadvantage or promote
 particular political and ideological viewpoints is “the product of invidious viewpoint
 discrimination.” *Finley*, 524 U.S. at 587. In an effort to drive views they disfavored out of the
 marketplace of ideas, Defendants terminated many grants based on the recipients’ (presumed)
 viewpoint as reflected in the subject matter of their research. This is most evident in the
 Termination Notices’ citation to Executive Orders purporting to combat “Radical Indoctrination”
 and “Radical . . . DEI Programs,” and to further “Biological Truth.” The Termination Notices
 make plain that Defendants believe that the content of Plaintiffs’ speech conflicts with the
 Administration’s views, and Plaintiffs’ grants were terminated at least in part for this reason. The
 First Amendment does not tolerate such viewpoint discrimination.

~~572-555.~~ Accordingly, Defendants’ actions are not in accordance with law
 and are contrary to constitutional right or power.

**COUNT III –
 Implied Right of Action, Nonstatutory Review, and *Ultra Vires* Actions;
 Violation of Fifth Amendment (Due Process / Void for Vagueness)**

~~573-556.~~ Plaintiffs reallege and incorporate by reference the allegations
 contained in each of the preceding paragraphs as if fully set forth herein.

~~574-557.~~ The Due Process Clause of the Fifth Amendment to the
 Constitution requires due process of law before the deprivation of a constitutionally protected
 interest.

~~575-558.~~ Plaintiffs have a constitutionally protected property interest in grant
 funding that supports their salaries and stipends, as well as their ongoing research. Plaintiffs have
 relied on this funding, and the protections of federal law governing this funding, in pursuing their
 research, in hiring staff, in making commitments to research partners, and in many other ways.
 Plaintiffs also have constitutionally protected liberty interests in their freedom of speech and
 expression, including academic freedom, and in pursuing their livelihoods.

~~576-559.~~ Defendants' cancellation or imminent cancellation of federal grant funding does not provide Plaintiffs fair notice or a reasonable opportunity to be heard.

~~577-560.~~ The Due Process Clause also prohibits government actions that fail to give fair notice of what conduct is forbidden or required. A government enactment is unconstitutionally vague if it fails to provide a reasonable opportunity to know what conduct is prohibited or is so indefinite as to allow arbitrary and discriminatory enforcement.

~~578-561.~~ Because of the vagueness in the language of Defendant Trump's Orders and the Federal Agency Defendants' chaotic efforts to give effect to those Orders, Plaintiffs are unsure, for example, which areas of study they can pursue, which populations they can focus on as study subjects, and what the demographics of study participants must be. This makes it impossible to determine how to reconfigure future research to stay within the bounds of the agencies' newest "priorities."

~~579-562.~~ Defendants' efforts to purge certain disfavored research from federal agencies' grant rolls accordingly violates the Due Process Clause.

**COUNT IV –
Violation of Administrative Procedure Act, 5 U.S.C. § 706(2)(A), (C): Contrary to Law;
Illegal Departure from Impoundment Control Act, Statutes, and
Regulations**

~~580-563.~~ Plaintiffs reallege all paragraphs above as if fully set forth herein.

~~581-564.~~ The APA directs courts to "hold unlawful and set aside agency actions, findings, and conclusions found to be ... arbitrary, capricious, an abuse of discretion, or otherwise not in accordance with law ... [or] in excess of statutory jurisdiction, authority, or limitations, or short of statutory right." 5 U.S.C. § 706(2)(A),(C). Defendants' actions violate these provisions, calling on the Court to hold them unlawful and set them aside for several reasons, including those specified below.

~~582-565.~~ First, by refusing to spend money that Congress appropriated, Defendants are violating the Impoundment Control Act of 1974 (ICA), and the appropriations statutes underlying each agency's funding scheme. Under the ICA, a "deferral" includes any "withholding or delaying the obligation or expenditure of" appropriated funds, as well as "any

other type of Executive action or inaction which effectively precludes the obligation or expenditure of” appropriated funds. 2 U.S.C. § 682(1). When the executive branch wishes to defer funds, it must send a special message to Congress detailing the money to be deferred and the reasons for deferral. There are only three permissible grounds for deferrals, *id.* § 684(b), none of which includes effort to ensure funds are spent consistent with the President’s new policy priorities.

~~583-566.~~ Defendants’ actions constitute a “deferral” because they reflect a “withholding or delaying [of] the obligation or expenditure of” funds that Congress appropriated. Defendants did not notify Congress of the deferrals as the ICA requires, nor did Defendants undertake the deferrals for reasons the ICA permits.

~~584-567.~~ Defendants’ actions also constitute an unlawful “rescission” of the funds appropriated for agency action, including grant-making. Where the President seeks to “rescind” appropriated funds, the ICA requires, among other things, that the President send a special message to Congress specifying the funds he seeks to have rescinded and the reasons for his proposal. 2 U.S.C. § 683(a). The President did not do so.

~~585-568.~~ Second, Defendants are violating the agencies’ enabling statutes and other laws passed by Congress that include grant-making as a directive to the agencies. The work that Plaintiffs and the Class were awarded grants to perform furthers agency missions and fulfills specific statutory requirements set by Congress. Withholding the appropriated funds contradicts Congress’s directives.

~~586-569.~~ Third, where grants were issued in accordance with agency-specific rules and terminated for reasons inconsistent with those rules, Defendants are violating their own regulations and agreements.

**COUNT V –
Violation of Administrative Procedure Act, 5 U.S.C. § 706(2)(A): Arbitrary and Capricious
Failure to Engage in Reasoned Decision-making**

~~587-570.~~ Plaintiffs reallege all paragraphs above as if fully set forth herein.

~~588-571.~~ A reviewing court must “hold unlawful and set aside agency action” that is “arbitrary, capricious, an abuse of discretion, or otherwise not in accordance with

law.” 5 U.S.C. § 706(2)(A). Government agencies and officers act in an arbitrary and capricious manner if they fail to engage in “reasoned decision-making.” *Michigan v. EPA*, 576 U.S. 743, 750 (2015) (citation omitted). Agency action is therefore lawful only if it rests “on a consideration of the relevant factors.” *Motor Vehicle Mfrs. Ass’n of United States, Inc. v. State Farm Mut. Automobile Ins. Co.*, 463 U.S. 29, 43 (1983). This principle applies *a fortiori* to agency departures from long settled policy. *Id.*

~~589-572.~~ Further, agency action is arbitrary and capricious if the agency has “relied on factors which Congress has not intended it to consider, entirely failed to consider an important aspect of the problem, offered an explanation for its decision that runs counter to the evidence before the agency, or is so implausible that it could not be ascribed to a difference in view or the product of agency expertise.” *Id.* Agency action is also arbitrary and capricious if, when departing from a prior policy, an agency does not “display awareness that it *is* changing position” or does not “show that there are good reasons for the new policy.” *FCC v. Fox Television Stations, Inc.*, 556 U.S. 502, 515 (2009) (emphasis in original).

~~590-573.~~ Defendants’ mass termination of grants previously awarded to Plaintiffs and the Class was arbitrary and capricious for many reasons, including (but not limited to) the following:

a. The Termination Notices do not provide a reasoned explanation for grant cancellations. Rather, the letters sent across all agencies generally state that the grant being cancelled no longer “effectuates” or is no longer “in alignment” with Agency priorities. That generic statement is not a reasoned explanation.

b. The terminations ignore the reliance interests of grantees. For example, grantees who had already received some but not all of their awards had already spent significant time working on the projects funded by their grants. Similarly, many grantees—as their grants required—took leaves of absence from their jobs, cancelled teaching plans, or otherwise altered their employment status in reliance on the promise of receiving grant money to support them while they completed their projects.

c. The grant terminations conflict with prior agency decisions to award the grants without providing adequate explanation for the change in agency position. All class members received their grants after a rigorous and objective application and review process that necessarily established that funded projects were meritorious and satisfied relevant criteria. Defendants have failed to provide any reason the grants fail to satisfy applicable criteria.

d. The mass termination of grants “entirely failed to consider. . . important aspect[s] of the problem.” *State Farm*, 463 U.S. at 43. Among other things, Defendants ignored the waste and inefficiency caused by the terminations, given the investment that Federal Agency Defendants—and by extension, taxpayers—have already made in the terminated projects.

e. Defendants likewise failed to consider the significant consequences grant termination will have on the individuals and organizations involved in conducting research, the durability of the institutions in which they work, and on the broader public that will be deprived of benefits meant to accrue from the work accomplished with the grant funding.

~~591-574.~~ Defendants have failed to adequately justify their actions; have not considered the substantial reliance interests at stake; have relied on factors that Congress did not authorize them to consider; and have not acknowledged or justified their change from prior agency positions.

~~592-575.~~ In sending standardized termination letters to terminate grants *en masse*, Defendants failed to “examine[] ‘the relevant data’ and articulate[] ‘a satisfactory explanation’ for [their] decision, ‘including a rational connection between the facts found and the choice made,’” *Dep’t of Commerce v. New York*, 588 U.S. 752, 773 (2019) (quoting *State Farm*, 463 U.S. at 43). The terminations must be set aside under the APA as arbitrary and capricious.

PRAYER FOR RELIEF

WHEREFORE, Plaintiffs respectfully request that the Court certify a UC Researchers Class pursuant to Fed. R. Civ. P. 23(a)(1)-(4) and 23(b)(2), enter judgment in favor of Plaintiffs and the certified UC Researchers Class, and award Plaintiffs and the Certified UC Researchers Class the following relief:

A. Declare as unlawful and set aside Defendants’ Termination Notices that

1 terminated grants previously awarded to Plaintiffs and members of the UC Researchers Class, as
2 violative of the Constitutional separation of powers; the First and Fifth Amendment protections of
3 free speech and due process; the Impoundment Control Act; agency-specific statutes and
4 regulations, including congressional directives and appropriations acts; and the Administrative
5 Procedure Act;

6 B. Declare as *ultra vires* Defendants' decisions and implementation of the
7 mass termination of grants to Plaintiffs and the UC Researchers Class;

8 C. Grant preliminary and ultimately final injunctive relief to enjoin
9 Defendants from cutting off agency and grantee access to congressionally appropriated funding,
10 from giving effect to the violative terminations, or undertaking any similar violative action to
11 terminate additional duly awarded agency grants; to restore such previously awarded grants; to
12 require Defendants to provide no-cost extensions to grantees for the time necessary to resume and
13 complete interrupted work; and to return to the lawful and orderly grant procedures they
14 employed prior to January 20, 2025;

15 D. Appoint the Named Plaintiffs as Class Representatives, and the
16 undersigned counsel₇ as Class Counsel₂ upon certification of a UC Researchers Class pursuant to
17 Fed. R. Civ. P. 23(g);

18 E. Designate such additional class representatives, class counsel, and sub-
19 classes as the Court may deem appropriate at any time before final judgment, pursuant to Fed. R.
20 Civ. P. 23(c)(1)(C) and 23(c)(5);

21 F. Award Plaintiffs and counsel for the Proposed Class reasonable costs and
22 attorneys' fees; and

23 G. Issue such other relief as the Court deems just and proper.
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25
26
27
28

1 Dated: ~~June 4~~July 18, 2025

By: /s/ Claudia Polsky

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FILER'S ATTESTATION

I hereby attest that each Signatory has concurred in the filing of this document, as indicated by their conformed signatures within this e-filed document.

Dated: July 18~~June 4~~, 2025
Cabraser

/s/ Elizabeth J.
Elizabeth J. Cabraser