

2025 Current Fiscal Year Report: President's Council of Advisors on Science and Technology

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1. Department or Agency

Department of Energy

2. Fiscal Year

2025

3. Committee or Subcommittee

President's Council of Advisors on Science and Technology

3b. GSA

Committee No.

1228

4. Is this New During Fiscal Year?

Yes

5. Current Charter

02/06/2025

6. Expected Renewal Date

02/06/2027

7. Expected Term Date

8a. Was Terminated During Fiscal Year?

No

8b. Specific Termination Authority

8c. Actual Term Date

9. Agency Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

Not Applicable

10b. Legislation Pending?

Not Applicable

11. Establishment Authority

Presidential

12. Specific Establishment Authority

E.O. 14177

13. Effective Date

01/23/2025

14. Committee Type

Continuing

14c. Presidential?

Yes

15. Description of Committee

16a. Total Number of Reports

No Reports for this Fiscal Year

17a. Open

0

17b. Closed

0

17c. Partially Closed

0

Other Activities

0

17d. Total

0

Meetings and Dates

No Meetings

Current Next
FY FY

18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$0.00	\$0.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$0.00	\$0.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Administrative Costs (FRNs, contractor support, In-person/hybrid/virtual meetings)	\$0.00	\$0.00
18d. Other (all other funds not captured by any other cost category)	\$0.00	\$0.00
18e. Total Costs	\$0.00	\$0.00
19. Federal Staff Support Years (FTE)	0.00	0.00

20a. How does the Committee accomplish its purpose?

PCAST shall advise the President on matters involving science, technology, education, and innovation policy. The Council shall also provide the President with scientific and technical information that is needed to inform public policy relating to the American economy, the American worker, national and homeland security, and other topics. PCAST shall respond to requests from the President or the Co-Chairs for information,

analysis, evaluation, or advice; solicit information and ideas from a broad range of stakeholders, including the research community; the private sector; universities; national laboratories; State, local, and Tribal governments; foundations; and nonprofit organizations; serve as the advisory committee identified in section 101(b) of the High-Performance Computing Act of 1991 (Public Law 102-194), as amended (15 U.S.C. 5511(b)), in which capacity the PCAST shall be known as the President's Innovation and Technology Advisory Committee; and serve as the advisory panel identified in section 4 of the 21st Century Nanotechnology Research and Development Act (Public Law 108-153), as amended (15 U.S.C. 7503), in which capacity the PCAST shall be known as the National Nanotechnology Advisory Panel.

20b. How does the Committee balance its membership?

The PCAST shall be composed of not more than 24 members. The Assistant to the President for Science and Technology (APST) and the Special Advisor for AI & Crypto shall be members of the PCAST. If also serving as the Director of the Office of Science and Technology Policy, the APST may designate the U.S. Chief Technology Officer as a member. The APST and the Special Advisor for AI & Crypto shall serve as Co-Chairs of the PCAST. The Co-Chairs may designate up to two Vice Chairs of the PCAST from among the non-Federal members of the PCAST, to support the Co-Chairs in the leadership and organization of the PCAST. The remaining members shall be distinguished individuals or representatives from sectors outside of the Federal Government appointed by the President. These non-Federal members shall have diverse perspectives and

expertise in science, technology, education, and innovation. Members serve at the pleasure of the President. So that the PCAST may provide advice and analysis regarding classified matters, the Co-Chairs may request that members of the PCAST, its standing subcommittees, or ad hoc groups, who do not hold a current clearance for access to classified information, receive security clearance and access determinations pursuant to Executive order 12968 of August 2, 1995 (Access to Classified Information), as amended, or any successor order. Members of the PCAST shall serve without any compensation for their work on the PCAST, but may receive travel expenses, including per diem in lieu of subsistence, as authorized by law for persons serving intermittently in the government service (5 U.S.C. §§ 5701–5707).

20c. How frequent and relevant are the Committee Meetings?

PCAST shall meet regularly, as needed.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

E.O 14177 established PCAST to unite the brightest minds from academia, industry, and government to guide our Nation through this critical moment by charting a path forward for American leadership in science and technology.

20e. Why is it necessary to close and/or partially closed committee meetings?

As required by FACA, PCAST will hold open meetings unless the Secretary of Energy determines that a meeting or a portion of a meeting may be closed to the public in accordance with subsection (c) of section 552b of title 5, United States Code. Interested persons

may attend open meetings, appear before PCAST, or file comments with PCAST.

21. Remarks

PCAST shall also provide advice from the non-Federal sector to the National Science and Technology Council (NSTC) in response to requests from NSTC. The heads of the executive departments and agencies shall, to the extent permitted by law, provide the PCAST with information concerning scientific and technological matters when requested by the PCAST Co-Chairs and as required for the purpose of carrying out PCAST's functions. The responsibility for supporting this committee was transferred from the Office of Science and Technology Policy to the Department of Energy during FY 2012. This Committee was terminated under E.O. 14148 on January 20, 2025, and then reestablished under E.O. 14177 on January 23, 2025.

Designated Federal Officer

Melissa Edwards DFO

Committee Members	Start	End	Occupation	Member Designation
Arnold, Frances	09/24/2021	01/19/2025	California Institute of Technology	Special Government Employee (SGE) Member
Arvizu, Dan	09/24/2021	01/19/2025	New Mexico State University	Special Government Employee (SGE) Member
Assanis, Dennis	05/09/2022	01/19/2025	University of Delaware	Special Government Employee (SGE) Member
Banovetz, John	09/27/2021	01/19/2025	3M Corporation	Special Government Employee (SGE) Member

Colon, Frances	09/27/2021	01/19/2025	Center for American Progress	Special Government Employee (SGE) Member
Cooper, Lisa	09/24/2021	01/19/2025	Johns Hopkins University	Special Government Employee (SGE) Member
Dabiri, John	09/24/2021	01/19/2025	California Institute of Technology	Special Government Employee (SGE) Member
Dally, William	09/24/2021	01/19/2025	NVIDIA	Special Government Employee (SGE) Member
Desmond-Hellman, Susan	09/27/2021	01/19/2025	Bill and Melinda Gates Foundation	Special Government Employee (SGE) Member
Fung, Inez	09/24/2021	01/19/2025	University of California, Berkeley	Special Government Employee (SGE) Member
Goldsmith, Andrea	09/24/2021	01/19/2025	Princeton University	Special Government Employee (SGE) Member
Greene, Laura	09/24/2021	01/19/2025	Florida State University	Special Government Employee (SGE) Member
Hammond, Paula	09/24/2021	01/19/2025	Massachusetts Institute of Technology	Special Government Employee (SGE) Member
Horvitz, Eric	09/24/2021	01/19/2025	Microsoft	Special Government Employee (SGE) Member
Kiani, Joe	09/24/2021	01/19/2025	Masimo Corporation	Special Government Employee (SGE) Member

Levin, Jonathan	09/27/2021	01/19/2025	Stanford University	Special Government Employee (SGE) Member
Pacala, Stephen	09/24/2021	01/19/2025	Princeton University	Special Government Employee (SGE) Member
Perlmutter, Saul	09/27/2021	01/19/2025	Lawrence Berkeley National Laboratory	Special Government Employee (SGE) Member
Prabhakar, Arati	10/06/2022	01/19/2025	Office of Science and Technology Policy	Special Government Employee (SGE) Member
Press, William	09/27/2021	01/19/2025	University of Texas at Austin	Special Government Employee (SGE) Member
Richeson, Jennifer	09/27/2021	01/19/2025	Yale University	Special Government Employee (SGE) Member
Sato, Vicki	09/27/2021	01/19/2025	Harvard Business School	Special Government Employee (SGE) Member
Su, Lisa	09/27/2021	01/19/2025	Advanced Micro Devices	Special Government Employee (SGE) Member
Sullivan, Kathryn	09/24/2021	01/19/2025	Retired (NASA)	Special Government Employee (SGE) Member
Tao, Terrence	09/27/2021	01/19/2025	University of California, Los Angeles	Special Government Employee (SGE) Member
Venables, Phil	09/27/2021	01/19/2025	Google Cloud	Special Government Employee (SGE) Member

Woteki, Catherine	09/24/2021	01/19/2025	University of Virginia	Special Government Employee (SGE) Member
Zuber, Maria	09/27/2021	01/19/2025	Massachusetts Institute of Technology	Special Government Employee (SGE) Member

Number of Committee Members Listed: 28

Narrative Description

PCAST provides policy-level advice to the President on matters involving science, technology, education, and innovation policy. The Council also provides the President with scientific and technical information that is needed to inform public policy relating to the American economy, the American worker, national and homeland security, and other topics.

What are the most significant program outcomes associated with this committee?

	Checked if Applies
Improvements to health or safety	<input checked="" type="checkbox"/>
Trust in government	<input type="checkbox"/>
Major policy changes	<input checked="" type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>

Outcome Comments

PCAST has a formal role in reviewing Federal nanotechnology and information technology/high-end computing R&D programs.

What are the cost savings associated with this committee?

Checked if Applies

None	<input type="checkbox"/>
Unable to Determine	<input checked="" type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>
\$5,000,001 - \$10,000,000	<input type="checkbox"/>
Over \$10,000,000	<input type="checkbox"/>
Cost Savings Other	<input type="checkbox"/>

Cost Savings Comments

PCAST recommendations are not cost-oriented but management and policy oriented.

What is the approximate Number of recommendations produced by this committee for the life of the committee?

52

Number of Recommendations Comments

PCAST submitted 52 reports to various Presidents since its inception. Each report is a considered to be a program recommendation.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

0%

% of Recommendations Fully Implemented Comments

Not Applicable

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

100%

% of Recommendations Partially Implemented Comments

PCAST has evidence that all of the program recommendations have been partially implemented as of September 2024.

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

The results of PCAST's reports are discussed with its members on an ongoing basis.
PCAST's reports and feedback information are posted on its website.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities	<input type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

N/A

How is access provided to the information for the Committee's documentation?

Checked if Applies

Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>
Online Committee Web Site	<input checked="" type="checkbox"/>
Online GSA FACA Web Site	<input checked="" type="checkbox"/>
Publications	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

Access Comments