

2024 Current Fiscal Year Report: President's Council of Advisors on Science and Technology

Report Run Date: 03/29/2024 01:59:17 PM

1. Department or Agency

Department of Energy

2. Fiscal Year

2024

3. Committee or Subcommittee

President's Council of Advisors on Science and Technology

3b. GSA

Committee No.

1228

4. Is this New Fiscal Year?

No

5. Current Charter

09/22/2023

6. Expected Renewal Date

09/22/2025

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?

No

10b. Legislation Pending?

Not Applicable

11. Establishment Authority

Presidential

12. Specific Establishment Authority

E.O. 14007

13. Effective Date

04/21/2010

14. Committee Type

Continuing

14c. Presidential?

Yes

15. Description of Committee

16a. Total Number of Reports

No Reports for this Fiscal Year

17a. Open

1

17b. Closed0

17c. Partially Closed0

Other Activities0

17d. Total1

Meetings and Dates

Purpose

Speakers on groundwater, including usage and reserves; Discussion of the PCAST Advancing Nutrition Science Workshop

Start

12/01/2023

End

12/01/2023

Number of Committee Meetings Listed: 1

	Current FY	Next 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. Other(rents,user charges, graphics, printing, mail, etc.)	\$0.00	\$0.00
18d. Total	\$0.00	\$0.00
19. Federal Staff Support Years (FTE)	0.00	0.00

20a. How does the Committee accomplish its purpose?

PCAST reports directly to the President. The Director of the Office of Science and Technology Policy served as PCAST's Chair. PCAST's purpose is twofold: (1) to provide a forum for the private sector (business, academic and non-profit) to discuss with the President and his advisors issues of national or international importance in the broad area of science and technology policy; and (2) to work with the National Science and Technology Council (NSTC) to ensure effective communication with the private sector. PCAST prepares written reports where appropriate,

including in response to requests from the President to examine particular topics of interest.

20b. How does the Committee balance its membership?

Members are drawn from a list of eminent scientists, engineers, business and non-profit leaders, and educators with expertise on S&T issues. Within that list, members were chosen to provide balance in organizational affiliation (large and small firms, relevant industries, research universities) disciplinary expertise, and geographic residence.

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

Meetings occur as frequently as needed and approved by the DFO.

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

PCAST will be comprised of eminent individuals who have demonstrated exceptional expertise, judgment and accomplishments. PCAST will provide the venue for convening these very distinguished individuals to advise the President and Vice President on the major S&T policy issues facing the country. While other expert bodies exist at an agency level, only this Committee is appointed directly by the President to serve as his private sector advisors on the full range of S&T issues. The President has also designated PCAST to serve as the presidential-level advisory panels for nanotechnology, and information technology and high end computing, which are advisory panels mandated by statutes.

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

PCAST meetings can be partially closed to accommodate meetings with the President. Discussions during meetings with the President can include privileged information, and can involve matters that are to be kept secret in the interests of national defense or foreign policy under 5 U.S.C. 552b(c)(1).

21. Remarks

In addition to responding to requests for information, analysis, evaluation, or advice from the President or the Science Advisor, PCAST also serves as the advisory committee identified in subsections 101(b) and 103(b) of the High Performance Computing Act of 1991 (Public Law 102–194), as amended (15 U.S.C. 5511(b) and 5513(b)). In performing the functions of such advisory committee, the PCAST shall be known as the President's Innovation and Technology Advisory Committee (PITAC). PCAST also serves as the advisory panel identified in section 4 of the 21st Century Nanotechnology Research and Development Act (15 U.S.C. 7503) (21st Century Act), and in performing the functions of this advisory committee, the PCAST shall be known as the National Nanotechnology Advisory Panel. In response to requests from the National Science and Technology Council made through the Assistant to the President for Science and Technology, the PCAST shall provide advice from the nonfederal sector to the National Science and Technology Council through the Assistant to the President for Science and Technology. The responsibility for supporting this committee was transferred from the Office of Science and Technology Policy to the Department of Energy during FY 2012.

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 Amerian 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 science and technology matters. It does not generally provide agency-specific advice on agency operations or programs. PCAST publicly has released 38 reports. These reports contain some recommendations that have implications for agency programs in the respective areas.

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?

48

Number of Recommendations Comments

PCAST submitted 48 reports to the President. 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 2023.

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

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

OSTP, the National Nanotechnology Coordination Office, the NITRD National Coordination Office, and numerous agency representatives have interactive relationships with PCAST. 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

PCAST recommendations are not of this nature.

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