

## 2024 Current Fiscal Year Report: Visiting Committee on Advanced Technology

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### 1. Department or Agency

Department of Commerce

### 2. Fiscal Year

2024

### 3. Committee or Subcommittee

Visiting Committee on Advanced  
Technology

### 3b. GSA Committee No.

377

### 4. Is this New Fiscal Year?

No

### 5. Current Charter

01/12/2024

### 6. Expected Renewal Date

01/12/2026

### 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

Statutory (Congress Created)

### 12. Specific Establishment Authority

15 U.S.C. 278

### 13. Effective Date

01/01/1988

### 14. Committee Type

Continuing

### 14c. Presidential?

No

### 15. Description of Committee

Scientific Technical Program  
Advisory Board

### 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

<b>18a(1). Personnel Pmts to Non-Federal Members</b>	\$0.00 \$0.00
<b>18a(2). Personnel Pmts to Federal Members</b>	\$0.00 \$0.00
<b>18a(3). Personnel Pmts to Federal Staff</b>	\$0.00 \$0.00
<b>18a(4). Personnel Pmts to Non-Member Consultants</b>	\$0.00 \$0.00
<b>18b(1). Travel and Per Diem to Non-Federal Members</b>	\$0.00 \$0.00
<b>18b(2). Travel and Per Diem to Federal Members</b>	\$0.00 \$0.00
<b>18b(3). Travel and Per Diem to Federal Staff</b>	\$0.00 \$0.00
<b>18b(4). Travel and Per Diem to Non-member Consultants</b>	\$0.00 \$0.00
<b>18c. Other(rents,user charges, graphics, printing, mail, etc.)</b>	\$0.00 \$0.00
<b>18d. Total</b>	\$0.00 \$0.00
<b>19. Federal Staff Support Years (FTE)</b>	0.00 0.00

**20a. How does the Committee accomplish its purpose?**

The members of the Visiting Committee on Advanced Technology (VCAT or Committee) continue to meet all of their chartered responsibilities, including reviewing and making recommendations regarding general policy for NIST, its organization, its budget, and its programs, within the framework of applicable national policies as set forth by the President and the Congress. To carry out these responsibilities, the Committee reviews a significant portion of NIST programs through informational briefings and direct discussion with NIST leaders, scientists, and engineers and provides candid reactions and observations. The Committee functions solely as an advisory board, in

accordance with the provisions of the Federal Advisory Committee Act.

**20b. How does the Committee balance its membership?**

In accordance with the provisions of the 1988 Omnibus Trade and Competitiveness Act, members of the Committee are selected from industry and other communities having an interest in promoting U.S. innovation and industrial competitiveness, such as, but not limited to, academia, state and local government bodies, and non-profit research institutions. Geographic location also is an important factor in achieving a regional balance of expertise across industrial sectors in the United States. NIST also strives to maintain a balance of members with areas of expertise aligned with national priorities. In addition, in accordance with the 2021 Presidential Memorandum, members and future nominees shall be selected to reflect the diversity of America in terms of gender, race, ethnicity, geography, and other characteristics; represent a variety of backgrounds, areas of expertise, and experiences; provide well-rounded and expert advice to agencies; and are selected based on their scientific and technological knowledge, skills, experience, and integrity, including prioritization of experience with evidence-based, equitable, inclusive, and participatory practices and structures for the conduct of scientific research and the communication of scientific results.

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

The Committee meets at least three times a year with the NIST senior management. At each meeting, the Committee reviews and advises NIST on its strategic direction. On occasion,

outside speakers renowned in their field provide their views on selected topics of interest to the Committee. The Committee also engages with the researchers who occasionally provide presentations on relevant topics as a way to better understand the Institute's programs and their relationship to the NIST mission.

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

The advice and oversight provided by the Committee requires an intimate familiarity with NIST's mission, technical programs, organization, and budget process. This, in turn, requires considerable background analysis, frequent communication, and a close relationship with NIST. The Committee provides the necessary continuity and structure in the advisory relationship.

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

N/A

**21. Remarks**

**Designated Federal Officer**

Stephanie L. Shaw DFO

Committee Members	Start	End	Occupation	Member Designation
Cerf, Vinton	12/21/2018	12/20/2024	Vice President and Chief Internet Evangelist	Special Government Employee (SGE) Member
			Senior Vice President, T-Mobile for Business and Head of Business Sales	Special Government Employee (SGE) Member
Fischer, George	05/22/2018	05/21/2024		

Ghosh, Monisha	04/01/2023	03/31/2026	Professor of Electrical Engineering Special at the University of Notre Dame, and an Adjunct Research Professor at the University of Chicago	Government Employee (SGE) Member
Jackson, Dana "Keoki"	05/22/2018	05/21/2024	Senior Vice President and General Manager, MITRE National Security Sector, MITRE Corporation	Special Government Employee (SGE) Member
Johnson, Anthony	10/04/2021	10/03/2024	Director of the Center for Advanced Studies in Photonics Research (CASPR), University of Maryland Baltimore County (UMBC)	Special Government Employee (SGE) Member
Kaler, Eric	12/21/2018	12/20/2024	President, Case Western Reserve University	Special Government Employee (SGE) Member
Khan, Mehmood	11/13/2018	11/12/2024	Chief Executive Officer, Hevolution Foundation	Special Government Employee (SGE) Member
Ku, Katharine	05/22/2018	05/21/2024	Chief Licensing Counselor Wilson Sonsini Goodrich and Rosati	Special Government Employee (SGE) Member
Matusow, Jason	09/14/2022	09/13/2025	General Manager, Corporate Standards Group Microsoft Corporation	Special Government Employee (SGE) Member
Parker, Michelle	01/14/2022	01/13/2025	Vice President and Deputy General Manager, Space and Launch Defense, Space & Security, Boeing	Special Government Employee (SGE) Member
Pierpoint, Mark	04/01/2023	03/31/2026	SVP Strategic Innovation & Partnerships Keysight Technologies, Inc.	Special Government Employee (SGE) Member

**Number of Committee Members Listed: 11**

**Narrative Description**

The Committee meets three times a year to examine specific areas of NIST's mission, including the role that the NIST laboratories and major programs play in stimulating innovation and competitiveness, and to provide feedback to NIST senior management. The Committee's feedback on NIST's strategic direction, performance and policies is critical to help ensure that NIST is well-positioned to stimulate technological innovation and U.S. competitiveness well into the future and encourages continuous improvement in key areas in the overall operation of NIST. In addition, the Committee shall provide an annual report, through the Director of NIST, to the Secretary of Commerce for submission to the Congress not later than 30 days after the submittal to Congress of the President's annual budget request in each year. Such report shall deal essentially, though not necessarily exclusively, with policy issues or matters which affect NIST, or with which the Committee in its official role as the private sector policy adviser of NIST is concerned. Each report shall identify areas of program emphasis for NIST of potential importance to the long-term competitiveness of United States industry.

**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 type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input type="checkbox"/>
Improved service delivery	<input checked="" type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>
Other	<input type="checkbox"/>

**Outcome Comments**

NA

**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**

NA

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

279

### **Number of Recommendations Comments**

In April 2023, the Committee issued its 2022 Annual Report which included 28 specific recommendations suggesting NIST action to be taken in the following areas: NIST's role in the development, manufacture, and adoption of critical and emerging technologies (CET); ensuring U.S. leadership in international standards for CET's; manufacturing leadership; ensuring NIST is fully resourced to deliver on its mission to include mission delivery, facilities, visibility, and resources; building a community where everyone is safe, valued, supported, engaged, and empowered; and the status of NIST's budget. Specific recommendations based on the FY 2023 Committee meetings will be provided in the Annual Report due not later than 30 days after the submission of the President's FY 2024 budget request to Congress. NIST acknowledges all recommendations provided and are in the process of implementing them.

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

54%

### **% of Recommendations Fully Implemented Comments**

There were 5 new recommendations in the 2022 Annual Report. These 5 added to the previous 145 recommendations mean 54% of recommendations have been or will be fully implemented.

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

39%

**% of Recommendations Partially Implemented Comments**

There were 19 new recommendations in the 2022 Annual Report. These 19 added to the previous 90 recommendations mean 39% of recommendations have been partially implemented.

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

Yes ☒ No ☐ Not Applicable ☐

**Agency Feedback Comments**

Verbal updates presented and agency feed back is provided during meetings.

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

Checked if Applies

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

**Action Comments**

NA

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

No

**Grant Review Comments**

NA

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

Checked if Applies

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



**Access Comments**

None