

2021 Current Fiscal Year Report: Advisory Committee for Engineering

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1. Department or Agency

National Science Foundation

2. Fiscal Year

2021

3. Committee or Subcommittee

Advisory Committee for Engineering

3b. GSA Committee No.

1170

4. Is this New During Fiscal Year?

No

5. Current Charter

06/28/2019

6. Expected Renewal Date

06/28/2021

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 Agency Authority

12. Specific Establishment Authority

ADM IV-100

13. Effective Date

03/30/1984

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 Meetings and Dates 0 17b. Closed Meetings and Dates 0 17c. Partially Closed Meetings and Dates 0 17d. Total Meetings and Dates 0

No Meetings

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?

The Advisory Committee Meeting is organized and facilitated on topics in two specific areas: COV and general advice. The Advisory Committee receives COV reports in advance of the meeting, discusses the reports at the meeting, recommends adjustments, and approves the report. General advice and information is provided on a variety of topics including Director's special issues, NSF and ENG budgets, ENG Programs, and NSF initiatives.

20b. How does the Committee balance its membership?

An effort is made to select members who are senior engineering leaders in academe, industry, government and includes members of different geographic regions and underrepresented minorities.

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

The full committee meets twice annually with COV meetings held in accordance with a planned schedule. Each meeting is focused on major issues of interest to the Directorate and the engineering community.

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

The programs and policies of the NSF Engineering Directorate are very specific and the Advisory Committee membership is constituted to provide informed advice on these programs.

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

These meetings are open.

21. Remarks

None

Designated Federal Officer

Dawn Tilbury Assistant Director for the Directorate for Engineering

Committee Members	Start	End	Occupation	Member Designation
Agerwala, Tilak	10/01/2016	04/30/2022	TKMA Consulting, LLC	Special Government Employee (SGE) Member
Barabino, Gilda	10/01/2015	04/30/2021	City College New York	Special Government Employee (SGE) Member
Horn, Bruce	09/14/2018	04/30/2021	Computer Science and Engineering	Special Government Employee (SGE) Member
Jameison, Leah	10/01/2017	04/30/2023	Computer Science and Engineering	Special Government Employee (SGE) Member
Juhas, Mary	09/14/2018	04/30/2021	Ohio State University	Special Government Employee (SGE) Member
Murphy, Robin	09/14/2018	04/30/2021	Texas A&M University	Special Government Employee (SGE) Member
Perez, Lance	03/18/2019	10/31/2021	University of Nebraska-Lincoln	Special Government Employee (SGE) Member
Pines, Darryll	10/01/2016	04/30/2021	University of Maryland	Special Government Employee (SGE) Member
Rajala, Sarah	10/01/2016	04/30/2022	Iowa State University	Special Government Employee (SGE) Member
Smyth, Susan	10/03/2018	04/30/2021	Physics and Engineering	Special Government Employee (SGE) Member

Tompkins, Stefanie 03/18/2019 10/31/2021 Colorado School Of Mines
VanBriesen, Jeanne 09/24/2019 04/30/2022 Carnegie Mellon University
Vuckovic, Jelena 09/24/2019 04/30/2022 Stanford University

Special Government Employee (SGE) Member
Special Government Employee (SGE) Member
Special Government Employee (SGE) Member

Number of Committee Members Listed: 13

Narrative Description

The ENG Advisory Committee is organized and facilitated on topics in two specific areas: COV and general advice. The Advisory Committee receives COV reports in advance of the meeting, discusses the reports at the meeting, recommends adjustments, and approves the report. General advice and information is provided on a variety of topics including the Director's special issues, NSF and ENG budgets, ENG Programs, and NSF initiatives.

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

Checked if Applies

- Improvements to health or safety
- Trust in government
- Major policy changes
- Advance in scientific research
- Effective grant making
- Improved service delivery
- Increased customer satisfaction
- Implementation of laws or regulatory requirements
- Other

Outcome Comments

n/a

What are the cost savings associated with this committee?

Checked if Applies

- None
- Unable to Determine
- Under \$100,000
- \$100,000 - \$500,000
- \$500,001 - \$1,000,000
- \$1,000,001 - \$5,000,000
- \$5,000,001 - \$10,000,000
- Over \$10,000,000
- Cost Savings Other

Cost Savings Comments

NA

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

80

Number of Recommendations Comments

The number of recommendations is calculated using the standard 3-year membership factor. As such, we calculate 2 meetings per year, multiplied by 5 recommendations per meeting, for a total of 80 recommendations as of FY 2020.

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

82%

% of Recommendations Fully Implemented Comments

NA

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

10%

% of Recommendations Partially Implemented Comments

NA

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

Yes No Not Applicable

Agency Feedback Comments

NA

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

Checked if Applies

Reorganized Priorities
Reallocated resources

- Issued new regulation
- Proposed legislation
- Approved grants or other payments
- Other

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
- Online Agency Web Site
- Online Committee Web Site
- Online GSA FACA Web Site
- Publications
- Other

Access Comments

N/A