

2021 Current Fiscal Year Report: Proposal Review Panel for Electrical, Communications, and Cyber Systems

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1. Department or Agency

National Science Foundation

2. Fiscal Year

2021

3. Committee or Subcommittee

Proposal Review Panel for Electrical, Communications, and Cyber Systems

3b. GSA

Committee No.

1196

4. Is this New During Fiscal Year?

No

5. Current Charter

06/29/2020

6. Expected Renewal Date

06/29/2022

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

08/30/1990

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee

Grant Review Committee

16a. Total Number of Reports

No Reports for this Fiscal Year

17a. Open Meetings and Dates

No Meetings

17b. Closed

0

17c. Partially Closed

0

Other Activities

0

17d. Total

0

18a(1). Personnel Pmts to Non-Federal Members

Current FY \$0.00 Next FY \$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 Proposal Review Panel met 63 times in FY 2020. They provided competitive review analysis for each proposal as well as panel summaries. Each of these panels resulted in a invaluable review process that includes the following: a ranking matrix, written reviews, panel summary, minutes, the latest state-of-the art processes and a funding recommendation. Panelists reviewed and evaluated over 1065 proposals submitted to the division.

20b. How does the Committee balance its membership?

Panelists represent a broad balance of the research community to include women, minorities, geographic distribution, industry, academe, Federal government and laboratories, age distribution and appropriate research disciplines.

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

Within the ECCS Division, there are 3 research clusters that have panels each year. The ECCS Division had 63 meetings this year with each panel focusing on subareas of the 3 research clusters.

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

Proposals submitted from the research community demonstrate methods of incorporating the latest state-of-the-art expertise into their subject matter. The communittee of subject matter experts provides qualified peer review specific to the proposals.

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

To review proposals that included information of a proprietary or confidential nature, including technical information; financial data, such as salaries; and personal information concerning individuals associated with the proposals.

21. Remarks

No Comments

Designated Federal Officer

Shekhar Bhansali Division Director, ECCS

Narrative Description

The NSF mission is set out in the NSF Act of 1950 authorizes and directs the Agency to initiate and support: basic scientific research and research fundamental to the engineering process; and science and engineering education programs at all levels and in all fields of science and engineering. The involvement of knowledgeable peers from outside the Foundation in the review of proposals is the keystone of NSF's proposal review system. Their judgments of the extent to which proposals address the merit review criteria are vital for informing NSF staff and influencing funding recommendations.

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

Checked if Applies

- | | |
|---|-------------------------------------|
| Improvements to health or safety | <input 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 checked="" 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 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

The use of panelists to review proposals for the Agency is an invaluable asset. The cost of obtaining the expertise, insight, and information received by the Division using alternative methods, such as hiring the expertise as full or part-time employees, would be extremely high

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

1,067

Number of Recommendations Comments

This is an ongoing committee. Therefore, the number of recommendations produced by the committee is for the fiscal year.

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

100%

% of Recommendations Fully Implemented Comments

The word "implement" is not applicable to grant review panels. All recommendations are "considered" by the agency.

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

0%

% of Recommendations Partially Implemented Comments

Not applicable. Please see answer directly above.

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

Yes No Not Applicable

Agency Feedback Comments

Although panelists may not receive direct feedback, each committee member may use the NSF FastLane, a public web-based program, which provides information on awards made by the agency to determine the outcome of proposals reviewed by the panel

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?

Yes

- What is the estimated **Number** of grants reviewed for approval 1,067
- What is the estimated **Number** of grants recommended for approval 230
- What is the estimated **Dollar Value** of grants recommended for approval \$251,915,388

Grant Review Comments

The panelists/advisory committee members provided information on the merit of the proposal, which includes an overall rating. The number of proposals above includes pre-proposals submitted to NSF for review. The pre-proposals are not included in the number of "grants recommend" or "dollar value of grants" recommended for approval.

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