

2021 Current Fiscal Year Report: Proposal Review Panel for Information and Intelligent Systems

Report Run Date: 05/12/2021 07:12:08 AM

1. Department or Agency

National Science Foundation

2. Fiscal Year

2021

3. Committee or Subcommittee

Proposal Review Panel for Information and Intelligent Systems

3b. GSA Committee No.

1200

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

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?

Members of the proposal panels reviewed and provided written evaluations on over 2000 research proposals. Panels were used to review proposals submitted to the Division of Information and Intelligent Systems. This advice was used to help the program officer make sound decisions in allocating program funds. The panel's accomplishments during this current year was the successful evaluation of proposals submitted to the NSF/CISE/IIS programs.

20b. How does the Committee balance its membership?

Membership was selected in response to specific proposals and applications to be reviewed. Over 1265 panelist were used this year. Members were selected for their demonstrated scientific and engineering expertise so as to represent a reasonable balance of capability in the various subfields of the proposals to be reviewed. Consideration was also given to achieving geographic balance and to enhancing representation for women, minority, younger and disabled scientists.

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

One hundred and fifty-five meetings were held in FY 2020. The number is determined by the number of proposals to be reviewed and the need for as timely review as possible within the limited resources available for support of the panel.

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

While ad hoc mail reviewers can be chosen to give a thorough technical review of a proposal, mail reviewer judgments are normally made about a single proposal viewed in isolation. Panel review provides judgments about the comparative merits within a group of proposals or within a single complex, multidisciplinary proposal.

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

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

21. Remarks

None

Designated Federal Officer

Henry Kautz Division Director, IIS

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
Cost Savings Other

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?

2,915

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 | <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 checked="" type="checkbox"/> |
| Other | <input type="checkbox"/> |

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 2,845

What is the estimated **Number** of grants recommended for approval 442

What is the estimated **Dollar Value** of grants recommended for approval \$314,060,943

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

Access Comments

N/A