

# 2019 Current Fiscal Year Report: Alan T. Waterman Award Committee

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<b>1. Department or Agency</b>	<b>2. Fiscal Year</b>
National Science Foundation	2019
<b>3. Committee or Subcommittee</b>	<b>3b. GSA Committee No.</b>
Alan T. Waterman Award Committee	1172

<b>4. Is this New During Fiscal Year?</b>	<b>5. Current Charter</b>	<b>6. Expected Renewal Date</b>	<b>7. Expected Term Date</b>
No	06/28/2019	06/28/2021	

<b>8a. Was Terminated During Fiscal Year?</b>	<b>8b. Specific Termination Authority</b>	<b>8c. Actual Term Date</b>
No		

<b>9. Agency Recommendation for Next Fiscal Year</b>	<b>10a. Legislation Req to Terminate?</b>	<b>10b. Legislation Pending?</b>
Continue	Yes	Enacted

**11. Establishment Authority** Authorized by Law

<b>12. Specific Establishment Authority</b>	<b>13. Effective Date</b>	<b>14. Committee Type</b>	<b>14c. Presidential?</b>
42 USC 1881a	04/13/1976	Continuing	No

**15. Description of Committee** Other Committee

**16a. Total Number of Reports** No Reports for this Fiscal Year

**17a. Open** 0 **17b. Closed** 1 **17c. Partially Closed** 0 **Other Activities** 0 **17d. Total** 1

## Meetings and Dates

<b>Purpose</b>	<b>Start</b>	<b>End</b>
To review and evaluate nominations	02/15/2019	- 02/15/2019

**Number of Committee Meetings Listed: 1**

<b>Current FY</b>	<b>Next FY</b>

<b>18a(1). Personnel Pmts to Non-Federal Members</b>	\$2,000.00	\$7,500.00
<b>18a(2). Personnel Pmts to Federal Members</b>	\$320.00	\$300.00
<b>18a(3). Personnel Pmts to Federal Staff</b>	\$5,369.00	\$5,369.00
<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	\$4,500.00
<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. Administrative Costs (FRNs, contractor support, In-person/hybrid/virtual meetings)</b>	\$0.00	\$0.00
<b>18d. Other (all other funds not captured by any other cost category)</b>	\$0.00	\$300.00
<b>18e. Total Costs</b>	\$7,689.00	\$17,969.00
<b>19. Federal Staff Support Years (FTE)</b>	0.04	0.05

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

The Committee meets annually to review nominations and provide a recommendation to the NSF Director and the National Science Board for the current year's Waterman Awardee.

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

**membership?**

The Committee is comprised of 16 members, 4 of whom are ex officio (the Chairman, National Science Board; Presidents of the National Academy of Sciences and National Academy of Engineering; and the Director, NSF). The 12 appointed members are from among recognized leaders in the various fields of science and engineering from among those in which the Award is given.

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

The Committee meets once a year. The Committee receives nominations from all disciplines supported by the NSF and provides expertise to review and recommend from a wide variety of programs.

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

The Committee is composed of outstanding working scientists from all disciplines who are knowledgeable about current and on-going research programs throughout the country. Other Advisory Committees established at the NSF are directed toward specific disciplines and/or programs.

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

The nominations of performance of employees reviewed and discussed include information of a personal nature where disclosure would have constituted unwarranted invasions of personal privacy.

**21. Remarks**

The America COMPETES Act of 2007 (Public Law

110-69 SEC. 7015) gives NSF the authorization to award up to three candidates per fiscal year.

## Designated Federal Officer

Sherrie M.B. Green Program Manager

Committee Members	Start	End	Occupation	Member Designation
Carlstrom, John	06/01/2016	05/31/2019	University of Chicago	Special Government Employee (SGE) Member
Collins, Lance	09/21/2017	05/31/2020	Cornell University	Special Government Employee (SGE) Member
Conley, Dalton	10/28/2016	05/31/2019	Princeton University	Special Government Employee (SGE) Member
Echegoyen, Luis	06/01/2018	09/30/2021	University of Texas at El Paso	Special Government Employee (SGE) Member
Fonseca, Irene	10/10/2017	05/31/2020	Carnegie Mellon University	Special Government Employee (SGE) Member
Gates, Sylvester	06/01/2018	09/30/2021	Brown University	Special Government Employee (SGE) Member
Gillette, Martha	10/28/2016	05/31/2019	University of Illinois	Special Government Employee (SGE) Member
Khargonekar, Pramod	06/01/2018	09/30/2021	University Of California - Irvine	Special Government Employee (SGE) Member
Klawe, Maria	06/01/2018	09/30/2021	Harvey Mudd College	Special Government Employee (SGE) Member
Knowlton, Nancy	09/21/2017	05/31/2020	Smithsonian Institute	Regular Government Employee (RGE) Member
Landau, Barbara	10/10/2017	05/31/2020	Johns Hopkins University	Special Government Employee (SGE) Member
McNutt, Marcia	07/01/2016	06/30/2022	National Academy of Sciences	Ex Officio Member

**Number of Committee Members Listed: 13**

**Narrative Description**

The NSF mission is set out in the NSF Act of 1950, which 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
- 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**

NA

**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?**

47

**Number of Recommendations Comments**

The America COMPETES Act of 2007 (Public Law 110-69 SEC. 7015) gives NSF the authorization to award up to three candidates per fiscal year. In FY 2019, NSF awarded two candidates. The cumulative total for the life of this committee to date is 47.

**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**

NA

**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**

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

Although the Advisory Committee members may not receive direct feedback, the committee manager provides information on awards made by the agency.

### 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 88

What is the estimated Number of grants recommended for approval 2

What is the estimated Dollar Value of grants recommended for approval \$2,000,000

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

### Access Comments

N/A

