
Presidential Awards for Excellence in Mathematics and Science Teaching

Recognizing and Rewarding Excellence in Teaching

**Nomination Deadline:
April 1, 2012**

**Application Deadline:
May 1, 2012**

NATIONAL SCIENCE FOUNDATION
DIRECTORATE FOR EDUCATION AND HUMAN RESOURCES
DIVISION OF UNDERGRADUATE EDUCATION
DIVISION OF RESEARCH ON LEARNING IN FORMAL AND INFORMAL SETTINGS

Presidential Awards for Excellence in Mathematics and Science Teaching

2011-2012 Application Packet for Elementary Teachers (Grades K-6)

Each year, the President of the United States recognizes outstanding kindergarten through 6th grade or 7th through 12th grade mathematics and science teachers by bestowing upon them the Presidential Awards for Excellence in Mathematics and Science Teaching (PAEMST). Awards are given to teachers in each state and four U.S. jurisdictions, including Washington D.C.; Puerto Rico; Department of Defense Education Activity schools; and the U.S. territories as a group (American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, and the U.S. Virgin Islands). The PAEMST program is administered by the National Science Foundation (NSF) on behalf of The White House Office of Science and Technology Policy (OSTP). **In 2011-2012, the PAEMST program will accept applications from K-6th grade mathematics and science teachers.**

The more than 4,100 awardees selected since the program's inception in 1983 are a premier group of teachers who have both deep content knowledge of the subjects they teach and the ability to motivate and enable students to be successful in those areas. While many awardees return to their classrooms, others move on to positions in school administration, become involved in preparing future teachers at the college level, or work in teacher professional development. They remain professionally active in a variety of ways. In addition to teaching, they contribute to the development of instructional and assessment resources, serve as mentors to students and other teachers, participate as writers and reviewers of state and local curricula, and author books and publish articles, among other endeavors. Collectively, they reflect the expertise and dedication of the Nation's teaching corps, and they demonstrate the positive impact of excellent teachers on student achievement.

2011-2012 Program Information

Nomination and Application

Anyone--principals, teachers, parents, students, or members of the general public--may nominate exceptional mathematics and science teachers by completing the nomination form available on the PAEMST website at www.paemst.org. To submit a nomination, the form requires the teacher's name, email address and school contact information. If a person knows more than one teacher worthy of this award, more than one nomination may be submitted. Nominated teachers will receive an invitation to begin the application process. The invitation will include a user name and password for accessing the online application system. Teachers may also initiate the application process themselves at www.paemst.org.

Nomination Deadline: April 1, 2012

This date gives the nominated teacher time to prepare an application prior to the application deadline.

Application Deadline: May 1, 2012

All application materials must be submitted online.

Eligibility

An applicant must:

- Teach mathematics or science at the K-6th grade level in a public or private school.
- Hold at least a bachelor's degree from an accredited institution.
- Be a full-time employee of the school or school district as determined by state and district policies, and teach K-12 students at least 50% of the time.
- Have at least 5 years of full-time, K-12 mathematics or science teaching experience prior to the 2011-2012 academic school year.
- Teach in one of the 50 states or the four U.S. jurisdictions. The jurisdictions are Washington, D.C.; Puerto Rico; Department of Defense Education Activity schools; and the U.S. territories as a group (American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, and the U.S. Virgin Islands).
- Be a U.S. citizen or permanent resident.
- Not have received the PAEMST award at the national level in any prior competition or category.

Review Criteria

After eligibility is confirmed and technical specifications are met, each application will be evaluated using the following five Dimensions of Outstanding Teaching:

- Mastery of mathematics or science content knowledge appropriate for the grade level taught.
- Use of instructional methods and strategies that are appropriate for the students in the classroom and that support student learning.
- Effective use of assessment strategies to evaluate, monitor, and improve student learning.
- Reflective practice and life-long learning to improve teaching and student learning.
- Leadership in education outside the classroom.

Review Process

There is a two-tier review process.

- **At the state level**, coordinators convene selection committees, which include prominent mathematicians, scientists, mathematics/science educators, district level personnel, and classroom teachers. These committees select up to three finalists in mathematics and up to three finalists in science for recognition at the state level. To ensure consistency across the country, all state selection committees will score their applications using the review criteria and scoring information presented in this application packet.
- **At the national level**, NSF convenes a national selection committee composed of prominent mathematicians, scientists, mathematics/science educators, district level personnel, and classroom teachers that reviews state finalists' applications and recommends to NSF up to two finalists in mathematics or science from each state or jurisdiction. The Director of NSF then submits the recommendations to the Director of OSTP. All finalists will be subject to a Federal Bureau of Investigation (FBI) background check.

Recognition

PAEMST winners are announced and honored the year following receipt of the application. Each awardee receives a certificate signed by the President of the United States and a \$10,000 award from NSF.

Awardees and their guests are honored during events that take place in Washington, D.C. These events include an award ceremony, celebratory receptions, professional development programs, and discussions with policy-makers on how to improve mathematics and science education.

Application Outline/Submission Checklist

The application is designed to allow the applicant to provide evidence of deep content knowledge and exemplary pedagogical skills that result in improved student learning. There is no single right or wrong way to teach and, therefore, this award is not limited to teachers with a specific teaching style, method or philosophy. Rather, this award recognizes those teachers who develop and implement a high-quality instructional program that is informed by content knowledge, is appropriate for the students they teach, and enhances student learning. The PAEMST application consists of three components: Administrative, Narrative, and Video.

ADMINISTRATIVE COMPONENT

The administrative component includes a teacher information form, employment verification form, letters of recommendation, résumé, and a voluntary demographic information form.

- Teacher Information Form** – Complete form online. _____
- Employment Verification Form** – Download and print form, obtain appropriate signature, _____
upload signed and dated form into online application. _____
- Letters of Recommendation** – Upload three letters of recommendation into online application. _____
- Résumé** – Upload file into online application. (2 page limit) _____
- Demographic Information Form (Optional)** – Complete form online. _____

NARRATIVE COMPONENT

The narrative component consists of a written response and supplemental materials. The applicant must select a science or mathematics topic or concept that will be used in the written response to the Dimensions of Outstanding Teaching.

- Written Response** – Download template. Upload completed file into online application. _____
(15 page limit)
- Supplemental Materials** – Upload files into online application. (10 page limit) _____

VIDEO COMPONENT

The video component consists of a videotaped classroom lesson that corresponds to the important topic or concept chosen and discussed in the Dimensions of Outstanding Teaching written response.

- Video** – Upload file into PAEMST online application. _____

Please note: Videos submitted as part of the application will be used throughout the PAEMST selection process and will be seen by reviewers, contractors managing the program and NSF staff. Applicants will not have access to the online application, including the video, after submission and should keep a copy for their own records.

Application Deadline: May 1, 2012

Application Components

ADMINISTRATIVE COMPONENT

The administrative component includes a teacher information form, employment verification form, letters of recommendation, résumé, and a voluntary demographic information form. These materials will be used in evaluating the application, with the exception of the demographic information form.

Teacher Information Form

The Teacher Information Form must be completed using the PAEMST online form. A sample form is available at the end of the application packet.

Employment Verification Form

The Employment Verification Form is available online for download. The form must be signed and dated by a school principal or school district official. A sample form is available at the end of the application packet.

Letters of Recommendation

Three signed and dated letters of recommendation are required from administrators, colleagues, parents, students, or others who can describe how the applicant's work has had a positive impact on student learning of mathematics or science. One of these three letters must be from a school principal or school district official. There is no page limit for letters of recommendation. A letter with multiple pages must be uploaded as one file.

Résumé

A résumé is required that outlines the applicant's education, employment history, and participation in professional development activities. The document may **not** exceed 2 pages.

Demographic Information Form

Submission of this information is voluntary and is not a precondition of an award. The information will not be disclosed to external peer reviewers. If the applicant does not wish to provide this information, he or she may click the checkbox that is labeled "Check here if you do not wish to provide the below information." A sample form is available at the end of the application packet.

NARRATIVE COMPONENT

The narrative component consists of a written response that addresses the five Dimensions of Outstanding Teaching and supplemental materials.

Written Response

Before the applicant writes the narrative response, he or she must select a science or mathematics topic or concept that is difficult for students to understand at the grade taught, is important for students to learn at that grade level, and is related to more advanced concepts that will be learned later. The topic or concept will be used in the narrative when responding to Dimensions One, Two and Three and when choosing a classroom lesson to video. While the video may show only one lesson, the applicant's written response may cover teaching strategies and assessments used in a series of related lessons.

Supplemental Materials

Supplemental materials provide supporting evidence for the narrative responses to the Dimensions of Outstanding Teaching. The application may include supplemental materials such as lesson plans, samples of student work, assessment items or publications.

The Five Dimensions of Outstanding Teaching – Narrative Prompts

Dimension One: Mastery of mathematics or science content appropriate for the grade level taught. *The narrative for Dimension One should be about four pages.*

- 1a. Discuss the mathematical or scientific ideas that are fundamental to understanding the chosen topic or concept.
- 1b. Explain why this topic or concept is important for students to learn and how it relates to more complex concepts that students will encounter in subsequent lessons, grades, or courses.
- 1c. Discuss the misconceptions or misunderstandings that students typically have with regard to this topic or concept.

Dimension Two: Use of instructional methods and strategies that are appropriate for the students in the class and that support student learning. *The narrative for Dimension Two should be about four pages.*

- 2a. Describe the instructional approaches you used in the video to help students understand the topic or concept chosen in Dimension One.
- 2b. Explain how you identify and build on students' prior knowledge, and how this knowledge is addressed in your video and in your general teaching strategies.
- 2c. Discuss the instructional strategies and techniques you use to meet the learning needs of all students, challenging those with stronger knowledge while ensuring learning for less accomplished students.

Dimension Three: Effective use of student assessments to evaluate, monitor, and improve student learning. *The narrative for Dimension Three should be about three pages.*

- 3a. Describe how you assessed student learning and achievement for the topic discussed in Dimension One and shown on the video, and how you use what you learned from the assessment to improve your teaching.
- 3b. Discuss other specific ways that you routinely assess and guide student learning. You may include examples of formative or summative techniques, including student presentations, projects, quizzes, unit exams, or other methods.
- 3c. Provide evidence of your teaching effectiveness as measured by student achievement on school, district or state assessments, or other external indicators of student learning or achievement.

Dimension Four: Reflective practice and life-long learning to improve teaching and student learning. *The narrative for Dimension Four should be about three pages.*

- 4a. Discuss the more successful and less successful aspects of the instructional activities shown in the video and describe what you might do differently to improve student learning.
- 4b. Describe how reflection on your teaching practices helps you improve your classroom instruction. You may provide examples of lessons or activities you revised based on this reflection.
- 4c. Using one or two of the professional development experiences cited in your résumé, describe how your participation in these activities has improved your teaching and enhanced student learning.

Dimension Five: Leadership in education outside the classroom. *The narrative for Dimension Five should be about one page.*

- 5a. Describe how you have supported other teachers, student teachers or interns through activities such as induction, mentoring, leading professional development activities, or co-teaching.
 - 5b. Describe how you contribute to educational excellence at the school, district, state or national level.
-

Technical Specifications for the Narrative Component

It is important that each of the five Dimensions of Outstanding Teaching prompts be discussed in the order in which they are presented in this application and that each dimension prompt is answered separately. Use of the online Dimensions of Outstanding Teaching Template is highly recommended to ensure the required formatting is followed.

The written response to the five Dimensions of Outstanding Teaching must:

- have the appropriate Dimension prompt before each Dimension response.
- have 8.5 by 11-inch page dimensions.
- have at least 1-inch margins all around.
- have 12-point font.
- be double-spaced, except for the Dimension prompt which should be single spaced.
- have at the bottom of each page: applicant name, Teacher ID, and page number.
- **not** exceed 15 pages.
- be saved as a single file and uploaded into the online application.

Supplemental materials:

- should be noted in the written response.
- should include a list of citations or references if any research articles or materials are discussed in the written response.
- must be labeled with applicant name, Teacher ID, and page number.
- may **not** exceed 10 pages.
- may be submitted in the following formats: Adobe Portable Document Format (.pdf), Microsoft Word (.doc or .docx), Rich Text Files (.rtf), or Image Files (.gif, .jpeg, .jpg, .png).

VIDEO COMPONENT

The video will be used as evidence by state and national selection committees when evaluating the applicant's performance on the five Dimensions of Outstanding Teaching. The video should convey the applicant's:

- depth of content knowledge as demonstrated by the clarity, precision and appropriateness of the explanations provided.
- ability to employ appropriate instructional methods, which may include the use of lecture, instructional technology, demonstrations, hands-on activities, and group assignments.
- ability to engage all students, maintain their interest in the lesson or activity, and assess student learning, as demonstrated by the applicant's and the students' asking and answering questions, giving demonstrations, or participating in discussions or small group work.

Technical Specifications for the Video Component

In order to provide in-depth evidence of the applicant's knowledge and abilities, the video must:

- correspond to the important topic or concept chosen and discussed in Dimension One.
- be of a single class, lesson or experience (e.g., field trip) during the 2011-2012 school year.
- be of sufficient quality so that the applicant's face and the students' faces are visible and voices are audible.
- adhere to all district or school requirements and guidelines for parental release or student permission related to classroom video recording.
- be continuous footage, unedited and devoid of any stopping and restarting of the camera.
- **not** exceed 45 minutes or one class period, whichever is shorter.

- be labeled and uploaded with the file name “PAEMST-AY1112” along with the applicant’s first name, last name, and Teacher ID.

Teacher IDs are emailed to applicants once they begin the application process. No other supplementary video materials may be submitted. If a video is longer than 45 minutes, reviewers will be instructed to stop looking at the video at the 45-minute mark. An applicant may resubmit the video from his or her 2009-2010 application if allowable by local school and district usage policies. Whenever the video is referenced in the written responses, a specific counter reference (minutes and seconds elapsed) should be provided. The applicant will upload and submit the video-recorded lesson online.

Scoring of the Application

Reviewers will use evidence in the applicant’s résumé, letters of recommendation, narrative, supplemental materials and video to score each of the five Dimensions of Outstanding Teaching. Each dimension will be rated using a four-point scale and multiplied by a weighting factor. The sum of all of the weighted Dimension scores is the total score.

The four-point scale is as follows:

- Excellent (4):** The applicant demonstrated outstanding knowledge, skills, or performance in this dimension with no significant errors or limitations.
- Very Good (3):** The applicant demonstrated strong knowledge, skills, or performance in this dimension with no significant errors or limitations.
- Good (2):** The applicant demonstrated limited evidence of knowledge, skills, or performance in this dimension or there were significant errors or weaknesses.
- Fair (1):** The applicant demonstrated limited evidence of knowledge, skills, or performance in this dimension and there were significant errors or weaknesses.

Maximum possible score for each Dimension:

Dimension One	Weighting factor = 7	4 x 7 = 28 points
Dimension Two	Weighting factor = 7	4 x 7 = 28 points
Dimension Three	Weighting factor = 6	4 x 6 = 24 points
Dimension Four	Weighting factor = 3	4 x 3 = 12 points
Dimension Five	Weighting factor = 2	4 x 2 = <u>8 points</u>

Maximum possible total score

100 points

*This is a sample Teacher Information Form.
The actual form must be completed and submitted online.*

PAEMST Teacher Information Form

Award Category: **Grades K-6 Mathematics**
 Grades K-6 Science

*Although some teachers teach both mathematics and science, for the purpose of the PAEMST award, the applicant must indicate for which of the two subjects he or she would like to be considered. Do **not** check both categories.*

Legal First Name: _____ **Legal Middle Name(s):** _____ **Legal Last Name:** _____
Preferred First name/ Nickname (optional): _____

E-mail Address: _____ **Alternative E-mail Address:** _____
Most correspondence will be sent to the applicant's email. We recommend a school e-mail address and a personal e-mail address.

Home Address: _____

City: _____ **State:** _____ **ZIP:** _____

Home Phone: _____

Cell Phone: _____

Official School Name: _____

School Address: _____

City: _____ **State:** _____ **ZIP:** _____

School Phone: _____

School Fax: _____

Backup Contact Person*

First Name: _____ **Middle Name(s):** _____ **Last Name:** _____

E-mail Address: _____ **Alternative E-mail Address:** _____

Home Phone: _____

*If NSF is not able to reach an applicant directly, NSF will attempt to get in contact with the backup contact person.

Degrees from Accredited Institution (Degree/Major/Institution/Year Awarded):

Area(s) of State Licensure /Certification: _____

Number of Academic/School Years of Teaching Experience in Mathematics/Science at the K-12 level prior to the start of 2011–2012 Academic School Year: _____

Number of Years in Current Position: _____

Describe current teaching assignment, including grade level(s), courses taught, and weekly teaching schedule.

School Data: School Enrollment: _____ Grades: _____ District Enrollment: _____

Check One: Public Private Charter

Check One: Urban Suburban Rural

Indicate student population percentage in your school:

Ethnicity:

_____% Hispanic or Latino ____% Not Hispanic or Latino ____% Do not know

Race:

_____% American Indian or Alaska Native

_____% Asian

_____% Black or African American

_____% Native Hawaiian or Other Pacific Islander

_____% White

_____% More than one race reported

_____% Do not know

_____% **Free- and reduced-price lunch, if known**

Provide the following information about the class video:

Length of the video:

In 100 or less characters, indicate the topic or concept discussed in the narrative and featured on the video:

Grade Level of Students: _____ Number of Students: _____ Subject of the Class: _____

Indicate student population percentage in the class video:

Ethnicity:

_____% Hispanic or Latino ____% Not Hispanic or Latino ____% Do not know

Race:

_____% American Indian or Alaska Native

_____% Asian

_____% Black or African American

_____% Native Hawaiian or Other Pacific Islander

_____% White

_____% More than one race reported

_____% Do not know

_____% **Free- and reduced-price lunch, if known**

Provide the following information about your principal/administrator:

Name: _____

Title: _____

Official School Name: _____

Address: _____

City: _____

State: _____

ZIP: _____

E-mail Address: _____

Provide the following information about your local superintendent or head of schools:

Name: _____

Title: _____

Official School District Name: _____

Address: _____

City: _____

State: _____

ZIP: _____

How did you hear about the Presidential Awards (select all that apply):

- Conversation with/Phone call from:
 - superintendent/district level official
 - principal/school level official
 - teacher from same school/district
 - PAEMST State Coordinator
 - former PAEMST Awardee or State Finalist
 - NSF Representative
 - Other; please describe: _____
- E-mail Announcements from:
 - superintendent/district level official
 - principal/school level official
 - teacher from same school/district
 - PAEMST State Coordinator
 - former PAEMST Awardee or State Finalist
 - NSF Representative
 - Other; please describe: _____
- Mailing from:
 - superintendent/district level official
 - principal/school level official
 - teacher from same school/district
 - PAEMST State Coordinator
 - former PAEMST Awardee or State Finalist
 - NSF Representative
 - Other; please describe: _____
- Nomination Notification
- Website; Name of Website(s): _____
- Advertisement on a listserve, an e-newsletter, or other electronic media; please describe: _____
- Advertisement in a newspaper, a magazine, or other printed media; please describe: _____
- PAEMST "business" card, brochure, flyer, or other printed material
- Conference presentation; Name of Conference(s): _____
- State Finalist Recognition Event
- Other; please describe: _____

*This is a sample Employment Verification Form.
The actual form must be completed and submitted online.*

PAEMST Employment Verification Form

Teacher ID: _____ **State:** _____
Applicant First Name: _____ **Middle Name(s):** _____ **Last Name:** _____
Award Category: ___ **K-6 Mathematics** ___ ___ **K-6 Science** ___

District Name: _____
School Name: _____
School Address: _____
City: _____ **State:** _____ **ZIP:** _____

Please certify the following

The applicant holds at least a bachelor's degree from an accredited institution.

Yes _____

The applicant is a full-time employee of the school or school district and teaches K-12 students at least 50% of the time.

Yes _____

The applicant has at least five years of full-time, K-12 mathematics or science teaching experience prior to the 2011-2012 academic school year.

Yes _____

The applicant is a teacher in good standing with the school or school district.

Yes _____

School Principal or School District Official

Name: _____
Title: _____
Address: _____
City: _____ **State:** _____ **ZIP:** _____
E-mail Address: _____

Telephone: _____

Signature: _____ **Date:** _____

I certify that the information provided above and within my application is correct and that if the information is misrepresented or falsified, my application may be disqualified.

Applicant Signature: _____ **Date:** _____

NSF Form 1383 (9/12)

*This is a sample Demographic Information Form.
The actual form must be completed and submitted online.*

PAEMST Demographic Information Form

Information about Candidates for Presidential Awards for Excellence in Mathematics and Science Teaching

Submit **ONE** copy of this form with your application packet. Submission of this information is voluntary and is not a precondition of award. The information will not be disclosed to external peer reviewers. **THIS FORM SHOULD NOT BE ATTACHED TO ANY OTHER DOCUMENT IN YOUR APPLICATION PACKET AS THIS MAY COMPROMISE THE CONFIDENTIALITY OF THE INFORMATION.**

Candidate's Name:

Gender:

Male Female

Ethnicity: (Choose one)

Hispanic or Latino Not Hispanic or Latino

Race: (Select one or more)

American Indian or Alaska Native
 Asian
 Black or African American
 Native Hawaiian or Other Pacific Islander
 White

Disability Status: (Select one or more)

Hearing Impairment
 Visual Impairment
 Mobility/Orthopedic Impairment
 Other: _____
 None

Citizenship: (Choose one)

U.S. Citizen
 Permanent Resident
 Other Non-U.S. Citizen

Check here if you do not wish to provide the above information (excluding candidate's name):

Ethnicity Definition:

Hispanic or Latino—A person of Mexican, Puerto Rican, Cuban, South or Central American, or other Spanish culture or origin, regardless of race

Race Definitions:

American Indian or Alaska Native—A person having origins in any of the original peoples of North and South America (including Central America) and who maintains tribal affiliation or community attachment

Asian—A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam

Black or African American—A person having origins in any of the black racial groups of Africa

Native Hawaiian or Other Pacific Islander—A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands

White—A person having origins in any of the original peoples of Europe, the Middle East, or North Africa

WHY THIS INFORMATION IS BEING REQUESTED

The Federal Government has a continuing commitment to monitor the operation of its review and award processes to identify and address any inequities based on gender, race, ethnicity, or disability of its proposed candidates for Presidential Awards for Excellence in Mathematics and Science Teaching. To gather information needed for this important task, the candidate should submit a single copy of this form with his or her application materials. Submission of the requested information is voluntary and will not affect the candidate's eligibility for an award. However, information not submitted will seriously undermine the statistical validity, and therefore the usefulness, of information received from others. Any individual not wishing to submit some or all the information should check the box provided for this purpose. (The exception is the candidate's name.) Collection of this information is authorized by the NSF Act of 1950, as amended, 42 U.S.C. 1861, et seq. Demographic data allow us to gauge whether our programs and other opportunities in science and technology are fairly reaching and benefiting everyone regardless of demographic category and to ensure that those in underrepresented groups have the same knowledge of and access to programs, meetings, vacancies, and other research and educational opportunities as everyone else. The information will be held closely. Information from the system may be merged with other computer files in order to carry out statistical studies. Disclosure may be made for this purpose to NSF contractors and collaborating researchers, other Government agencies, and qualified research institutions and their staffs. The results of such studies are statistical in nature and do not identify individuals. The information will be added to the NSF Fellowships and Other Awards File, which covers individuals applying or nominated for and/or receiving NSF support, either individually or through an academic institution, including fellowships or awards of various types. See System of Records, NSF-12, "Fellowships and Other Awards," 63 Federal Register 265 (January 5, 1998).

NSF Form 1225 (10/99)

Privacy Act and Public Burden Statements

The information requested on proposal forms and project reports is solicited under the authority of the National Science Foundation Act of 1950, as amended. The information on proposal forms will be used in connection with the selection of qualified proposals; project reports submitted by awardees will be used for program evaluation and reporting within the Executive Branch and to Congress. The information requested may be disclosed to qualified reviewers and staff assistants as part of the proposal review process; to your institutions/grantees to provide or obtain data regarding the proposal review process, award decisions, or administration of awards; to government contractors, experts, volunteers, and researchers and educators as necessary to complete assigned work; to other Government agencies needing information as part of the review process or in order to coordinate programs; and to another Federal agency, court, or party in a court or Federal administrative proceeding if the Government is a party. Information about principal investigators may be added to the reviewer file and used to select potential candidates to serve as peer reviewers or advisory committee members. See System of Records, NSF-50, "Principal Investigator/Proposal File and Associated Records," 63 Federal Register 268 (January 5, 1998), and NSF-51, "Reviewer/Proposal File and Associated Records," 63 Federal Register 268 (January 5, 1998). Submission of the information is voluntary. Failure to provide full and complete information, however, may reduce the possibility of your receiving an award.

Pursuant to 5 CFR 1320.5(b), an agency may not conduct or sponsor and a person is not required to respond to an information collection unless it displays a valid Office of Management and Budget (OMB) control number. The OMB control number for this collection is 3145-0058. Public reporting burden for this collection of information is estimated to average 120 hours per response, including the time for reviewing instructions. Send comments regarding this burden estimate and any other aspect of this collection of information, including suggestions for reducing this burden, to: Suzanne Plimpton, Reports Clearance Officer, Information Dissemination Branch, Division of Administrative Services, National Science Foundation, Arlington, VA 22230, or to Office of Information and Regulatory Affairs of OMB, Attention: Desk Officer for National Science Foundation (3145-0058), 725 17th Street, NW, Room 10235, Washington, DC 20503.