



# National Science Foundation

## *Rotational Vacancies*

**DIRECTORATE FOR EDUCATION AND HUMAN RESOURCES  
DIVISION OF ELEMENTARY, SECONDARY AND INFORMAL EDUCATION  
ARLINGTON, VA 22230**

**ANNOUNCEMENT NUMBER:** E20040106-Rotator    **OPEN:** 08/17/2004    **CLOSE:** 11/30/2004

**POSITIONS WILL BE FILLED ON A ONE OR TWO YEAR VISITING SCIENTIST APPOINTMENT, INTERGOVERNMENTAL PERSONNEL ACT (IPA) ASSIGNMENT OR FEDERAL TEMPORARY APPOINTMENT.**

**The formal consideration process will begin in September.  
Vacancy announcement may close in September without further notice.**

The National Science Foundation (NSF) is seeking qualified candidates to fill positions as Program Directors within the Division of Elementary, Secondary and Informal Education (ESIE), Directorate for Education and Human Resources. These individuals would have primary responsibility for formal education efforts under the Teacher Professional Continuum and/or the Instructional Materials Development programs.

**The Teacher Professional Continuum program** addresses research on critical issues and needs regarding the recruitment, preparation, enhancement, and retention of science, technology, engineering and mathematics (STEM) teachers for grades K-12. **The Instructional Materials Development program** emphasizes research and development of instructional materials and assessments for STEM education, K-12.

ESIE supports NSF's mission of providing leadership and promoting development of the infrastructure and resources needed to improve preK-12 science, technology, engineering, and mathematics (STEM) education throughout the United States. Additional information about ESIE and its programs can be found at <http://www.ehr.nsf.gov/esie/>.

These positions will be filled on a one or two year Visiting Scientist Appointment, Temporary Appointment or under the terms of the Intergovernmental Personnel Act (IPA). Temporary and Visiting Scientist appointments will be made under the Excepted Authority of the NSF Act. For temporary appointments of more than one year, the usual civil service benefits (retirement, health and life insurance) are applicable. For Visiting Scientist appointments, individuals are in a non-pay leave status from the home institution and are appointed to NSF's payroll as a Federal employee. NSF withholds Social Security and provides reimbursement for fringe benefits. For IPA assignments, the individual remains on the payroll of his/her institution and the institution continues to administer pay and benefits. NSF reimburses the institution for NSF's negotiated share of the costs. Individuals eligible for an IPA assignment include employees of State and local government agencies, institutions of higher education, Indian tribal governments, federally funded research and development centers and qualified non-profit organizations. The individual remains an employee of the home institution.

**STATEMENT OF DUTIES:** Program Directors are expected to take an active role in program planning, management and outreach in areas of content, grade level and other programmatic areas of individual expertise. In cooperation with management and other professional staff, incumbents will develop program goals, strategies, and timelines, specifying objectives, defining new initiatives, and recommending plans for development and implementation. Incumbents also have the responsibility for implementing the merit review process in assigned ESIE program areas – e.g., recommending awards and declinations, conducting substantive negotiations for proposed awards, and overseeing budget revisions. Program Directors oversee program management and ensure that commitments to and by the National Science Foundation are met.

Individuals will serve as liaisons with education communities (both internal and external to NSF) working on curricula, instructional methods, and education research generally in specified areas of disciplinary and grade-level expertise.

**QUALIFICATIONS REQUIRED:** Applicants must have a Ph.D. or equivalent experience in science, mathematics, and/or technology education, plus six or more years of successful research, research administration, teaching and/or managerial experience beyond the Ph.D. **Applicants must have a strong background in STEM disciplines. In addition, experience in K-12 education in STEM disciplines, as well as knowledge and understanding of related research in teacher education and/or instructional materials development is strongly preferred.**

**HOW TO APPLY:** Applications may be transmitted electronically to [rotator@nsf.gov](mailto:rotator@nsf.gov). Individuals may also submit a resume or any application of your choice to the National Science Foundation, Division of Human Resource Management, 4201 Wilson Blvd., Arlington, VA 22230, Attn: E20040106-Rotator. In addition, you are encouraged to submit a narrative statement that addresses your background and/or experience related to the position. You are asked to complete and submit the attached Applicant Survey form. Submission of this form is voluntary and will not affect your application for employment (the information is used for statistical purposes). Telephone inquiries may be referred to Maria Sutton, at (703) 292-4364. Hearing impaired individuals may call TDD (703) 292-8044. Announcements may be accessed electronically on the World Wide Web at <http://www.nsf.gov/jobs>.

The National Science Foundation provides reasonable accommodations to applicants with disabilities on a case-by-case basis. If you need a reasonable accommodation for any part of the application and hiring process, please notify the point of contact listed on this vacancy announcement.

**NSF IS AN EQUAL OPPORTUNITY EMPLOYER COMMITTED TO EMPLOYING A HIGHLY QUALIFIED STAFF THAT REFLECTS THE DIVERSITY OF OUR NATION.**

NATIONAL SCIENCE FOUNDATION  
APPLICANT SURVEY

OMB No. 3145-0096  
Expiration: 7/31/2005

Vacancy Ann. #: \_\_\_\_\_ Position Status (temporary/permanent): \_\_\_\_\_

Position Title/Series/Grade: \_\_\_\_\_

INSTRUCTIONS

Your completion of this form will be appreciated. Submission of this Information is voluntary and it will have no effect on the processing of your application. The data collected will be used only for statistical purposes to ensure that agency personnel practices meet the requirements of Federal law. 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 OMB control number. The OMB control number for this collection is 3145-0096. NSF estimates that each respondent should take about 3 minutes to complete this survey, including time to read the instructions. You may have comments regarding this burden estimate or any other aspect of this survey, including suggestions for reducing this burden. If so, please send them to NSF Reports Clearance Officer, Division of Administrative Services, NSF, 4201 Wilson Blvd., Arlington, VA. 22230.

PRIVACY ACT INFORMATION

GENERAL - This information is provided pursuant to Public Law 93-579 (Privacy Act of 1974), December 31, 1974, for individuals completing Federal records and forms that solicit personal information.

AUTHORITY - Section 7201 of title 5 of the U.S. Code and Section 2000e-16 of title 42 of the U.S. Code.

PURPOSE AND ROUTINE USES

The information is used for research and for a Federal Equal Opportunity Recruitment Program (FEORP) to help insure that agency personnel practices meet the requirements of Federal law. Address questions concerning this form and its uses to the Privacy Act Officer, National Science Foundation, Arlington, VA 22230.

1. Today's Date: \_\_\_\_\_ 2. Year of Birth: \_\_\_\_\_

3. How did you learn about the particular position for which you are applying? (Circle appropriate number.)

- |   |   |
|---|---|
| 01 - Newspaper (specify) _____  | 10 - Federal, State or local job information center                       |
| 02 - Contact with NSF Personnel Office<br>(Agency Bulletin Board or other Announcement) | 11 - State vocational rehabilitation agency or<br>Veterans Administration |
| 03 - NSF-initiated personal contact   | 12 - State employment office  |
| 04 - Science Magazine, or other professional journal or magazine<br>(specify) _____     | 13 - School or college counselor or other official                        |
| 05 - Affirmative Action Register  | 14 - Private job Information service                                      |
| 06 - Attendance at conference, meeting or job fair<br>(specify) _____                   | 15 - Private employment service   |
| 07 - NSF recruitment at school or college   | 16 - Friend or relative working at NSF                                    |
| 08 - Colleague referral   | 17 - Friend or relative not working at NSF                                |
| 09 - NSF Bulletin   | 18 - NSF website  |
|   | 19 - Internet or other website  |
|   | 20 - Other (specify) _____  |

4. Select the ethnic category with which you most closely identify:

- A. **Hispanic or Latino.** A person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race.
- B. **Not Hispanic or Latino.**

5. Select one or more racial category with which you most closely identify:

- A. **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.
- B. **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.
- C. **Black or African American.** A person having origins in any of the black racial groups of Africa.
- D. **Native Hawaiian or Other Pacific Islander.** A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.
- E. **White.** A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

6. Sex (Circle the appropriate letter.) F - Female M - Male

7. Please provide Information on your disability status by circling the appropriate category below:

1. I do not have a disability; 2. Hearing impairment; 3. Vision impairment; 4. Missing extremities; 5. Partial paralysis;  
6. Complete paralysis; 7. Convulsive disorder; 8. Mental retardation; 9. Mental or emotional illness; 10. Severe distortion of limbs  
and/or spine; 11. I have a disability but it is not listed.

FOR AGENCY USE

Agency Code: \_\_\_\_\_

AN EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER