



National Science Foundation

Excepted Position Vacancy

ANNOUNCEMENT NO: E20020060
UNTIL FILLED

OPEN: 01/07/02

CLOSE:

***Vacancy announcement may close 30 days from opening date without notice.**

THIS POSITION WILL BE FILLED ON A ONE OR TWO YEAR VISITING SCIENTIST, TEMPORARY OR UNDER THE TERMS OF THE INTERGOVERNMENTAL PERSONNEL ACT (IPA) BASIS.

POSITION VACANT: Science Education Administrator, (Program Director), AD-1701-4
Salary ranges from \$78,265 to \$121,967.

PROMOTION POTENTIAL: Science Education Administrator, (Program Director), AD-1701-4.

LOCATION: Directorate for Education and Human Resources (EHR), Division of Research, Evaluation and Communication (REC), Research Program. Arlington, VA.

BARGAINING UNIT STATUS: This position is excluded from the bargaining unit and will be filled in accordance with the Merit Promotion Plan described in NSF Manual 14 (PER II-100).

AREA OF CONSIDERATION: All Sources

THIS POSITION IS OUTSIDE THE COMPETITIVE CIVIL SERVICE

Appointment to this position will be made under the Excepted Authority of the NSF Act. Candidates who do not have civil service status or reinstatement eligibility will not obtain civil service status if selected. Candidates currently in the competitive service will be required to waive competitive civil service rights if selected. Usual civil service benefits (retirement, health benefits, life insurance) are applicable for appointments of more than one year. Disabled veterans with 30% service-connected disabilities as well as other applicants with severe disabilities will be considered without regard to the closing date if applications are received prior to final selection.

Initial assignments under the IPA mechanism may be made for a period of one to two years, and may be extended for a third year. 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 involved in public management in instances where such assignments would be of mutual benefit to the organizations involved. The individual remains an employee of the home institution and cost-sharing arrangements are generally negotiated between NSF and the home institution.

DUTIES AND RESPONSIBILITIES: Serves as Program Director for the existing and emerging research programs in REC. The Division has responsibility for a unique program of science and mathematics education research within the federal sector. REC-supported research on teaching, learning, and technology generates important discoveries, advancing understanding of knowledge acquisition, instructional practice, and systematic reform. It establishes high-risk, proofs-of-concept for applying educational technologies to science, technology, education and mathematics (STEM) learning and teaching at all education levels. The incumbent guides the research programs in cultivating the research base for implementing innovation K-16, i.e. elementary, secondary, and undergraduate education reform strategies.

- Serves on the research team in the Directorate (EHR) and can represent NSF in discussions on research and its articulation with other programs.
- Helps develop a comprehensive program, including specific planning documents, directed at strengthening the research base of all areas currently funded by EHR. This includes determining the scope of future programs and anticipating time and effort required to provide the desired outcomes.
- Develops new knowledge, new tools, and new syntheses which inform policies and practices for improving learning of students and whole systems.
- Serves as a key liaison person between REC and activities within NSF to increase the research knowledge and resources devoted to SMET teaching and learning throughout the life cycle.
- Plans and coordinates meetings with local and national educational associations, school administrators, research organization and scientific education groups to develop a cohesive plan for evaluating the national impact of NSF funding in SMET education. Coordinates with other organizations within the education community to maximize the use of existing information and minimize the possibility of duplication of effort.
- Designs and implements the proposal and contract review process for the research programs by selecting outstanding individuals to provide objective reviews on proposals.
- Determines the need for and directs the preparation of technical/administration guidelines for proposals. Writes Request for Proposals (RFPs), and conducts all final review of proposals and responses to RFPs.
- Recommends proposals for award or declination based on scientific merit and continuing evaluation of the availability of resources, priorities and knowledge of NSF policies and goals.

QUALIFICATIONS REQUIRED: Applicants must possess a Ph.D. or equivalent experience in mathematics and science education. In addition, at least six or more years of successful research, research administration, and/or managerial experience beyond the Ph.D. pertinent to the position is required.

CONDITIONS OF EMPLOYMENT: Appointment to the position is contingent upon successful completion of the appropriate background investigation. Satisfactory completion of a one-year trial period may also be required.

HOW TO APPLY: You may apply for this position with the *Optional Application for Federal Employment* (OF-612), the older *Application for Federal Employment* (SF-171), a resume, or other application format of your choice - so long as it contains the necessary information (summarized below).

You must specify the job announcement number, and title and grade(s) of the job for which you are applying. You should also provide the following information: ♦ Your country of citizenship. ♦ Your social security number. ♦ Information about your education, including (1) high school graduation date and (2) college/university information - your major, and type and year of degree(s). If no degree, show total credits earned and indicate whether they are semester or quarter hours. ♦ Information about all your work experience related to this job, including job titles, duties and accomplishments, employer's name and phone number, number of hours worked per week, starting and ending dates (month and year), and annual salary. If you held various positions with the same employer, describe each separately. ♦ If you have Federal civilian experience, indicate the highest grade held, the job series, and dates held. ♦ The brochure *Applying for a Federal Job* provides information on the Federal job application process; it is available by calling the number listed below. **If your application does not provide all the information requested in the vacancy announcement, you may lose consideration for this job.**

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.

Submit all application material along with letters of recommendation to the National Science Foundation, Division of Human Resource Management, 4201 Wilson Boulevard, Room 315, Arlington, VA 22230. Attn: Announcement Number E20020060. In addition to the required application materials, 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 only. **ALL FORMS MUST BE RECEIVED BY THE CLOSING DATE OF THIS ANNOUNCEMENT.** For additional information call Maria Sutton, on (703) 292-4364. Hearing impaired individuals may call TDD (703) 292-8044.

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NATIONAL SCIENCE FOUNDATION
APPLICANT SURVEY

OMB No. 3145-0096
Expiration: August 2002

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
(Agency Bulletin Board or other Announcement) | 11 - State vocational rehabilitation agency or
Veterans Administration |
| 03 - NSF-initiated personal contact | 12 - State employment office |
| 04 - Science Magazine, or other professional journal or magazine
(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
(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. Please select the racial/ethnic category with which you most closely identify yourself. (Circle the appropriate letter)

- A. **American Indian or Alaskan Native.** A person having origins in any of the original peoples of North America, who maintains cultural identification through tribal affiliation or community recognition.
- B. **Asian or Pacific Islander.** A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands. This area includes, for example, China, India, Korea, the Philippine Islands, and Samoa.
- C. **Black, not of Hispanic origin.** A person having origins in any of the Black racial groups of Africa. This does not include persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish cultures or origins.
- D. **Hispanic.** A person of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race.
- E. **White, not of Hispanic origin.** A person having origins in any of the original peoples of Europe, North Africa or the Middle East. This does not include persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish cultures or origin.

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

6. 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