



National Science Foundation

Rotational Vacancy

ANNOUNCEMENT NO: E20060052-Rotator

OPEN: 02/16/06 **CLOSE:** 03/17/06

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

INDIVIDUALS WISHING TO APPLY FOR A PERMANENT POSITION SEE VACANCY NUMBER E20060053.

RELOCATION: Relocation expenses will be paid.

The National Science Foundation is seeking a qualified candidate for the position of Science Metrics Advisor for the Science Metrics Program within the Office of the Assistant Director, Directorate for Social, Behavioral, and Economic Sciences, Arlington, VA.

The Directorate for Social, Behavioral and Economic Sciences (SBE) supports research, education, and infrastructure in the social, behavioral, cognitive, and economic sciences, primarily through grants to investigators at universities and other institutions. SBE also supports the collection and dissemination of statistics on the science and engineering enterprise.

The goal of the new Science Metrics Program is to reach a point where the nation's public and private sectors are able to evaluate reliably the returns they have received from past research and development (R&D) investments and to forecast, within tolerable margins of errors, likely returns from future investments in science and engineering. The Science Metrics Program will include the development of tools and research across a broad spectrum of sciences to enable policy-makers to understand the implications of the choices they must make among various research programs. The Science Metrics initiative will develop an ongoing "science of science policy" and include work that allows a better understanding of the composition and growth (or decline) of the S&E workforce in the United States and abroad, of international trends in R&D.

There are currently two main research aspects of the Science Metrics program: 1) Stimulating and initiating research investments to improve and expand Science Metrics, such as enhancements and additions to existing surveys as well as the development of new survey areas where data do not now exist. This focus will also include improving the comparability, scope and availability of international data. In order to accomplish these goals, it will be necessary to reach out to the private sector as well as to academic researchers, and to coordinate domestic efforts with efforts in other nations and international agencies that address similar concerns as they seek to enhance our understanding of the globalization of science and technology. 2) Producing usable knowledge from data. Efforts in this area will include model building, the development of econometric, behavioral and other statistical tools as well as qualitative studies and tools tailored to the problem of understanding innovation and returns to science investments. Also necessary will be focused studies that bring tools and data together to yield rich understandings of how innovation occurs and why some science investments pay off while others do not. The ultimate goal will be to develop a vertically integrated understanding of the science R&D enterprise in the U.S. and in other countries, including an assessment of the underpinnings and ramifications of innovation among individuals, organizations and societies.

This position will be filled on a one or two year Visiting Scientist Appointment, an IPA assignment, or as a Federal Temporary Appointment. Temporary and Visiting Scientist appointments will be made under the Excepted Authority of the NSF Act with a current salary range of \$91,407 - \$142,449, depending on qualifications and experience. 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 FICA and provides reimbursement for fringe benefits. For Federal temporary appointments of more than one year, the usual civil service benefits (retirement, health and life insurance) are applicable. For IPA assignments, the individual remains an employee on the payroll of his or her home 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 nonprofit organizations. For more information regarding Visiting Scientist appointments and IPA assignment, visit our website at www.nsf.gov/about/career_opps.

DUTIES AND RESPONSIBILITIES: The individual selected for this position as a Science Metrics Advisor, serves as an advisor to the Assistant Director and Deputy Assistant Director on all scientific, policy and management matters relating to the support of research in the social, behavioral and economic sciences. Collaborates with the Assistant Director and Deputy Assistant Director in the development and formulation of policy for determining which phrases of research should be emphasized and supported by the foundation and formulates criteria for evaluating research in progress in Federal agencies and in public and private institutions. Provides assistance with research and fiscal data to aid in the formulation of the Science Metrics program budget. Determine the needs for special studies and work with the directorate's scientific staff in the development of such studies. Coordinates special projects for the Science Metrics Program.

QUALIFICATIONS REQUIRED: Applicants must possess a Ph.D. or equivalent experience in one of the following; social science, behavioral science, statistics, mathematical statistics, or economics plus six or more years of research, research administration, and/or managerial experience pertinent to the program is required.

HOW TO APPLY: Applications may be transmitted electronically to 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: E20060052-Rotator. In addition, you are encouraged to submit a narrative statement that addresses your background and/or experience related to the Program of your interest. 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). Inquiries may be referred to the Executive and Visiting Personnel Branch, at (703) 292-8755. For technical information, contact Dr. Wanda E. Ward, Deputy Assistant Director, Directorate for Social, Behavioral, and Economic Sciences, at (703) 292-8700 or weward@nsf.gov. Hearing impaired individuals may call TDD (703) 292-8044.

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.

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