



National Science Foundation

IPA Vacancy

ANNOUNCEMENT NO: E20060033-IPA **OPEN:** 12/27/2005 **CLOSE:** 01/31/2006

THIS POSITION WILL BE FILLED UNDER THE TERMS OF THE INTERGOVERNMENTAL PERSONNEL ACT (IPA)

The National Science Foundation is seeking a qualified candidate for the position of Program Director in the Science and Engineering and Information Integration Informatics (SEIII) Program in the Division of Information and Intelligent Systems (IIS), Directorate for Computer and Information Science and Engineering (CISE), Arlington, VA.

The SEIII Program focuses on advancing the state of the art in the application of advanced information technology to science and engineering problems in specific domains, such as astronomy, biology, the geosciences, public health, and health care delivery. Since many scientific problems have common needs for information management and data analysis, the advancement of these technologies is central to SEIII. Similarly, within computer science, the study of complex distributed computer and network systems requires the collection and analysis of timely, accurate and reliable information. Although methods for the analysis of scientific data and information are supported by the program, a special emphasis is placed on domain-specific and general-purpose tools for integrating information from disparate sources. Such integration is a key step of many projects yet is rarely addressed in full generality. SEIII supports a group of projects within the program that will advance the understanding of technology to enable scientific discovery, and that will creatively integrate research and education for the benefit of technical specialists and the general population. This program also includes research in "Information Integration," which focuses on the challenge of providing a uniform view to a multitude of heterogeneous, independently developed data sources. The goal is to free users from having to locate the data sources, interact with each data source in isolation, and manually combine data from multiple formats and multiple sources.

The Division of Information & Intelligent Systems supports research and education that increases the capabilities of human beings and machines to create, discover and reason with knowledge by advancing the ability to represent, collect, store, organize, locate, visualize and communicate information. The Division contributes to interdisciplinary research on how observational data leads to discovery in the sciences and engineering. More information about IIS and the SEIII Program can be found on their website at <http://www.nsf.gov/div/index.jsp?org=IIS>

For IPA assignments, the individual remains an employee on the payroll of the 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 IPA assignments, visit our website at: http://www.nsf.gov/about/career_opps/rotators/ipa.jsp.

DUTIES AND RESPONSIBILITIES: All appointees are expected to function effectively both within specific programs as well as in a “team” mode, contributing to and coordinating with other Programs and Divisions in the Directorate, across the Foundation, and with other Federal and State government agencies and private-sector organizations. As Program Director, one is expected to: Direct the implementation, review, funding, post-award management, and evaluation of the program and contribute to its intellectual integration with other programs across the Foundation; Design and implement the proposals’ review and evaluation process; Select well-qualified individuals to provide objective reviews on proposals, either as individuals or as members of a panel; Conduct final review of proposals and evaluations, and recommend acceptance or declination; Manage and monitor on-going grants, contracts, interagency and cooperative agreements to ensure fulfillment of commitments to NSF; Evaluate progress of awards through review and evaluation of reports and publications submitted by awardees and/or meetings at NSF and during site visits; Contribute to the establishment of goals and objectives; Initiate new program thrusts and phase out mature fields of inquiry; Recommend new or revised policies and improve scientific, fiscal, and administrative processes to achieve organizational excellence.

QUALIFICATIONS REQUIRED: Applicants must have a Ph.D. or equivalent experience in Science and Engineering Informatics or a comparable field of science. In addition, six or more years of successful research, research administration, and/or managerial experience in the above areas of research are 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: E20060033-IPA. In addition, you are encouraged to submit a narrative statement that addresses your background and/or experience as it relates to this 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 the Executive and Visiting Personnel Branch, at 703-292-8755. For technical information, contact Dr. C. Suzanne Iacono, Division of Information and Intelligent Systems, at (703) 292-8930. Hearing impaired individuals may call TDD (703) 292-8044. Announcements may be accessed electronically on the World Wide Web at: http://www.nsf.gov/about/career_opps/.

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.)

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|---|---|
| 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. 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.

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FOR AGENCY USE

Agency Code: _____

AN EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER