



## National Science Foundation *Intergovernmental Personnel Act Vacancy*

**ANNOUNCEMENT NUMBER:** E20070017A-IPA

**OPEN:** 11/24/2006

**CLOSE:** 02/07/2007

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

**\*ANNOUNCEMENT HAS BEEN AMENDED TO CORRECT THE OPENING DATE TO 11/24/2006.**

The National Science Foundation is seeking qualified candidates for the position of Program Director in the Robust Intelligence (RI) Cluster in the Division of Information and Intelligent Systems (IIS), Directorate for Computer and Information Science and Engineering (CISE), Arlington, VA. Candidates must have expertise in Artificial Intelligence (AI) and related areas. This position offers unique opportunities to influence the direction of the field. Serving as an NSF Program Director is a particularly rewarding experience since it involves both catalyzing innovative research and encouraging broad participation and growth of the discipline.

The Division of Information and Intelligent Systems (IIS) supports science and engineering research and education projects that 1) develop new knowledge about the integration and co-evolution of social and technical systems, especially those that have the potential to transform learning and discovery and enhance quality of life and economic prosperity for all people; 2) increase the capabilities of human beings and machines to create, discover and reason with knowledge by advancing the ability to represent, collect, store, organize, visualize and communicate about data and information; 3) advance the state-of-the-art in the application of Information Technology (IT) to science and engineering problems; and 4) advance knowledge about how computational systems can perform tasks autonomously, robustly, and flexibly.

Robust Intelligence encompasses computational understanding and modeling of the many human and animal capabilities that demonstrate intelligence and adaptability in unstructured and uncertain environments. More information about IIS and the RI Cluster can be found 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](http://www.nsf.gov/about/career_opps/rotators/ipa.jsp).

**DUTIES AND RESPONSIBILITIES:** Program Directors are responsible for long-range planning and budget development for the areas of science represented by the program/cluster; for managing an effective, timely merit review, award and declination process, and post-award management process; for communicating effectively the promise of the program and in so doing, advising the community of current and future funding opportunities; for coordinating and collaborating with other Programs in NSF, other Federal agencies and organizations; for advising and assisting the Division Director in the development of long-range plans that ensure the Directorate's investments are targeted to challenges and opportunities in the directorate's research and education fields; for collaboratively overseeing and managing the merit review process for assigned research, education or infrastructure proposals to ensure that investments are made in a diverse, rich mix of bold, cutting-edge projects that promise to advance the frontier and contribute to the attainment of NSF's strategic goals.

**QUALIFICATIONS REQUIRED:** Applicants must have a Ph.D. or equivalent experience in Computer Science or a comparable field of study. In addition, six or more years of successful research, research administration, and/or managerial experience in Artificial Intelligence and related areas of research are required.

**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: **E20070017A-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. Haym Hirsh, Director of the Division of Information and Intelligent Systems, by e-mail at [hhirsh@nsf.gov](mailto:hhirsh@nsf.gov) or by phone at (703) 292-8930. 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