



## NATIONAL SCIENCE FOUNDATION

### ANNOUNCEMENT NUMBER S20070016-IPA DEPUTY DIRECTOR, DIVISION OF PHYSICS (PHY) DIRECTORATE FOR MATHEMATICAL AND PHYSICAL SCIENCES

The National Science Foundation is seeking qualified candidates for the position of Deputy Director, Division of Physics (PHY), Directorate for Mathematical and Physical Sciences. In addition to seeking candidates who are interested in an appointment as a Senior Executive Service career basis (S20070016-C) or limited term basis (S20070016-LTD), NSF is also inviting individuals who might be interested in an Intergovernmental Personnel Act (IPA) assignment to submit an application. A statement of duties of the positions and qualification requirements is included below.

Initial assignments under the IPA mechanism may be made for a period of up to two years. Individuals eligible for an IPA assignment with a Federal agency include employees of State and local government agencies or institutions of higher education, Indian tribal governments, and other eligible organizations 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. **Individuals interested in an IPA assignment should submit curriculum vitae or Federal application form and a letter referencing qualifications to the following address:**

**National Science Foundation  
Division of Human Resource Management  
Executive & Visiting Personnel Branch  
ATTN: S20070016-IPA  
4201 Wilson Boulevard, Room 315  
Arlington, VA 22230**

**The closing deadline for receipt of applications is December 8, 2006.**

**Applications may be transmitted electronically to [execsrch@nsf.gov](mailto:execsrch@nsf.gov), mailed or delivered to the following address:** National Science Foundation, Division of Human Resource Management, Executive Personnel, Room 315, ATTN: S20070016-IPA 4201 Wilson Blvd., Arlington, VA 22230. The phone number for vacancy announcements coordinated by the Executive Personnel Staff is (703) 292-8755; hearing-impaired individuals should call TDD on 703-292-8044. Persons interested in the Senior Executive Service appointment options should request copies of announcements S20070016-C and S20070016-LTD for additional information and application instructions. Announcements may be accessed electronically under Vacancies on NSF's Homepage [www.nsf.gov/jobs](http://www.nsf.gov/jobs). Information on the NSF mission, structure, programs and operations may be found at [www.nsf.gov](http://www.nsf.gov). 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 located on this vacancy announcement.

**STATEMENT OF DUTIES:** Serves as Deputy Division Director in the Division of Physics (PHY), Directorate for Mathematical and Physical Sciences (MPS). The Division contributes to NSF's mission by supporting wide-ranging, major basic research programs, primarily at U.S. universities and colleges, in Atomic, Molecular, Optical, and Plasma Physics, in Elementary Particle Physics, in Gravitational Physics; in Nuclear Physics, in Particle and Nuclear Astrophysics, in Theoretical Physics, in Education and Interdisciplinary Research, and in Physics at the Information Frontier. Types of activities supported include major research facilities, university-based facility user groups, and individual and group awards in these areas of physics. Within the Division, the Deputy Division Director works with the Division Director in providing leadership and management to the Division's programs and assists the Division Director in carrying out Division-wide responsibilities such as preparation of budget submission for Congress and recruitment of scientific staff. Externally, the Deputy Division Director represents the Physics Division in a variety of NSF-wide and interagency activities related to research and education, and in interactions with the physics community. The Deputy Division Director assumes the Division Director's role in the absence of the Division Director.

## QUALIFICATIONS REQUIREMENTS EXECUTIVE/MANAGERIAL

### Essential

1. **Leading Change.** Demonstrated ability to bring about strategic change, both within and outside the organization, to meet organizational goals. Includes the ability to establish an organizational vision and to implement it in a continuously changing environment.
2. **Leading People.** Demonstrated ability to lead people toward meeting the organization's vision, mission, and goals. Includes the ability to provide an inclusive workplace that fosters the development of others, facilitates cooperation and teamwork, and supports constructive resolution conflicts.
3. **Results-Driven Leadership.** Demonstrated ability to meet organizational goals and customer expectations. Includes the ability to make decisions that produce high-quality results by applying technical knowledge, analyzing problems, and calculating risks.
4. **Business Acumen.** Demonstrated ability to manage human, financial, and information resources strategically.
5. **Building Coalitions.** Demonstrated ability to build coalitions internally and with other governments, or internal organizations to achieve common goals.

## PROFESSIONAL/TECHNICAL

### Essential

1. Ph.D. or equivalent professional experience in physics or a closely related field.
2. Substantial scholarly contributions in physics or a related field, as evidenced by publications, awards, and/or innovative leadership in research administration.
3. Demonstrated knowledge of the research and education activities and issues associated with the U.S. physics research community.
4. Demonstrated broad knowledge of diverse fields of science and their interdisciplinary impact on research and education in physics.
5. Knowledge of grant and contract administration, fiscal management, and budget preparation with experience in scientific research support.

**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.

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**FOR AGENCY USE**

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

**AN EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER**