



National Science Foundation

Excepted Position Vacancy

ANNOUNCEMENT NO: E20040024

OPEN: 12/04/2003

CLOSE: 01/05/04

THIS IS A PERMANENT POSITION.

POSITION VACANT: Program Director (General Engineer) AD-801-4. Annual salary ranges from \$81,602 to \$127,168.

LOCATION: Directorate for Engineering, Division of Bioengineering & Environmental Systems, Environmental Engineering and Environmental Technology Program, Arlington, VA

BARGAINING UNIT STATUS: This position is included in 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.

RELOCATION: Expenses will be paid.

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.

DUTIES AND RESPONSIBILITIES:

The individual will serve as Program Director in the Division of Bioengineering and Environmental Systems (BES). The BES Division supports research and education in the rapidly growing evolving fields of bioengineering and environmental engineering. BES has two main goals. The first goal is to enable and facilitate the deployment of new technologies in BES fields in service to society for use in the biotechnology, medical, and environmental arenas. The second goal is to advance bioengineering and environmental engineering education, particularly through the development of innovative programs by new faculty.

This position will be responsible for managing and monitoring all cross-directorate initiatives to ensure BES participation to the objectives of NSF. This requires developing and presenting clear and concise explanations of NSF procedures for cross-directorate research initiatives in relation to BES. The Program Director will provide advice and help to implement the crosscutting initiatives being pursued within the Foundation and BES. The Program Director will assist in assimilating new approaches to improve BES engineering endeavors including building cross-cutting bridges between other directorates and communities to enhance NSF activities and initiatives. The Program Director will manage program resources so as to provide optimal appropriate scientific judgment to ensure integrity and consistency in the grant/declination process for all BES activities, incorporating cross-directorate responsibilities into program administration. In addition, will manage effective and timely merit review process to meet Federal GRPA requirements and provide scientific expertise, evaluation, and advise for cross-directorate programs within NSF and other Federal agencies.

QUALIFICATIONS REQUIRED: Applicants must possess a Ph.D. or equivalent experience in engineering or the physical or biological sciences. In addition, applicant must have at least six years of experience managing and overseeing the planning of complex programs and at least 2 years of experience in running a proposal-driven competitive grant program.

QUALITY RANKING FACTORS:

1. Knowledge of the latest engineering research directed toward Bioengineering and the Environment.
2. Broad knowledge and understanding of the technology, economics and operating principles of bioengineering.
3. Skill in meeting and dealing with the scientific and engineering community and peers to effectively present and advocate program policies and plans.
4. Ability to organize, implement and manage a proposal-driven bioengineering grant program allocating resources to meet a broad spectrum of program goals.
5. Knowledge of managerial and organizational concepts, principles, practices and techniques in order to plan, manage and direct multi-disciplinary and cross functional teams.
6. Proficient with computer systems and database management.

BASIS FOR RATING: Final ranking is based on an evaluation of your experience, education and training as they relate to the knowledge, skills and abilities specified in the Quality Ranking Factors. Current performance appraisal, letter(s) of recommendation, and awards may also be used in the evaluation process.

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 also submit a current Performance Appraisal or letter(s) of recommendation from professionals who can comment on your capabilities. In order to ensure full consideration, it is recommended that you submit a supplemental statement which specifically addresses how your background and experience relate to each Quality Ranking Factor listed on this announcement.

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 to National Science Foundation, Division of Human Resource Management, 4201 Wilson Boulevard, Room 315, Arlington, VA 22230. Attn: Announcement Number E20040024. 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 Myra Loyd, on (703) 292-4363. For technical information, contact Bruce Hamilton or Fred Heineken on (703) 292-8320 Hearing impaired individuals may call TDD (703) 292-8044.

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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