

Dear Colleague,

### **PROGRAM DIRECTOR VACANCY FOR BIOMEDICAL ENGINEERING**

We are pleased to announce an opening for a senior-level engineering research/educator to serve as Program Director for the Biomedical Engineering Program in the Bioengineering and Environmental Systems Division of the Engineering Directorate at NSF. The Program Director position is a Temporary Appointment for one to two years under the Visiting Scientist/Engineer, the Intergovernmental Personnel Act (VSE or IPA "rotator" positions), or as a Temporary Federal Appointee.

The BES Division addresses fundamental research issues underlying the application of engineering technologies and principles to life sciences. The Biomedical Engineering Program supports research which applies engineering methods and fundamental scientific principles to address problems at the interface of engineering and modern biological/clinical medicine. These programs emphasize investigations which seek to generate fundamental knowledge. The engineering/science fields represented in the Biomedical Engineering Program are motivated by potential application to important health problems. The investigations usually have ultimate diagnostic or treatment related goals. Engineering and technology developments, which permit the exploration of new interfaces, are of particular interest. The Research to Aid Persons with Disabilities Program supports research for the characterization, restoration, or substitution of normal function in humans. Research supported by either Program should lead to the development of new technologies or to novel applications of existing technology.

The Program Director will work as a team member with others in the Biomedical Engineering Program within the Division. A Program Director should have a wide breadth of technical knowledge, good communications skills, and an ability to work well with others. An interest in working with the scientific community to enhance the effectiveness of research and educational programs is important. The major areas of technical experience sought are described below.

#### **Qualifications:**

The candidate should have broad expertise in a biomedical engineering/science discipline and a strong background and in-depth knowledge of the life sciences. A successful research background is a prerequisite. The Program Director will be responsible for program planning, research evaluation, the administration of research grants and liaison activities with Program Directors at NSF and other Agencies. Special experience in contemporary biomedical engineering research fields such as tissue engineering, cellular engineering, physiomics/genomics, or nano-bioengineering is desired.

The Program Director position at the National Science Foundation provides a challenging experience and an excellent opportunity to encourage and support engineering research and education. The individual will work with other Program Directors in formulating research strategies, developing cooperation among government, academia, and industry, fostering outreach to underrepresented groups, and will provide leadership within NSF and the research community. The position requires a Ph.D. with a minimum of six years of academic, government, or industry experience. We are very interested in attracting qualified women and underrepresented minority candidates to this position. We would appreciate any nominations that you may have for suitable candidates. Should you or your colleagues be interested in this position, please contact the search committee coordinator, Dr. Leon Esterowitz ([lesterow@nsf.gov](mailto:lesterow@nsf.gov)) and forward a curriculum vita to him as soon as possible. Applications will be reviewed immediately though the position will remain open until filled. For questions or further information, please feel free to contact:

Dr. Leon Esterowitz, Search Committee  
Division of Bioengineering and Environmental Systems  
National Science Foundation  
4201 Wilson Blvd., Arlington, VA 22230  
Phone: (703)-306-1318  
FAX: (703)-306-0312  
Email: [lesterow@nsf.gov](mailto:lesterow@nsf.gov)

George Vermont, Acting Director  
Division of Bioengineering and Environmental Systems  
National Science Foundation

NATIONAL SCIENCE FOUNDATION  
APPLICANT SURVEY

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. 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, Information Dissemination, 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 - Other (specify) \_\_\_\_\_

4. Please select the racial/ethnic category with which you most closely identify yourself. (Circle the appropriate letter)

- A. American Indian or Alaskan Native. A person having origins in any of the original peoples of North America, who maintains cultural identification through tribal affiliation or community recognition.
- B. Asian or Pacific Islander. A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands. This area includes, for example, China, India, Korea, the Philippine Islands, and Samoa
- C. Black, not of Hispanic origin. A person having origins in any of the Black racial groups of Africa. This does not include persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish cultures or origins.
- D. Hispanic. A person of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race.
- E. White, not of Hispanic origin. A person having origins in any of the original peoples of Europe, North Africa or the Middle East. This does not include persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish cultures or origin.

5. Sex (Circle the appropriate letter.) F - Female M - Male

6. 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  
NSF Form 1232 (8/97)