



NATIONAL SCIENCE FOUNDATION
4201 WILSON BOULEVARD
ARLINGTON, VIRGINIA 22230

ENG 17-001

Dear Colleague Letter: Directorate for Engineering (ENG), Division of Engineering, Education and Centers (EEC), Broadening Participation in Engineering (BPE) Program - Employment Opportunity for Program Director Position (Open Until Filled)

February 1, 2017

Dear Colleague:

Directorate for Engineering (ENG), Division of Engineering, Education and Centers (EEC), in the Broadening Participation in Engineering (BPE) Program at the National Science Foundation announces a nationwide search for an individual to serve as a Program Director. The rotational assignment will be made for one year and it may be extended for additional years by mutual agreement.

Formal consideration of interested applicants will begin **February 6, 2017** and will continue until a selection is made. The selected applicant is expected to start in **May 2017**.

Program Directors have an unparalleled opportunity and responsibility to ensure NSF-funded research is at the forefront of advancing fundamental knowledge. In support of that, Program Directors are responsible for extensive interaction with academic research communities and industry, as well as interaction with other Federal agencies that may lead to development of interagency collaborations. Within this context, Program Directors solicit, receive and review research and education proposals, make funding recommendations, administer awards, and undertake interaction with research communities in these fields. They are also responsible for service to Foundation-wide activities and initiatives that together accomplish NSF's strategic goals to: 1) Transform the Frontiers of Science and Engineering, 2) Stimulate Innovation and Address Societal Needs through Research and Education, and 3) Excel as a Federal Science Agency. The position requires a commitment to high standards of intellectualism and ethical conduct, a considerable breadth of interest, receptivity to new ideas, a strong sense of fairness, good judgment, and a high degree of personal integrity.

Through its funding portfolio, the BPE Program focuses on effective means of creating diverse pathways to engineering careers for all members of society, particularly those currently under-represented in the engineering workforce. The objective of the program is to improve the quality and diversity of the engineering workforce through targeted, systemic investments that achieve demonstrable short term and long term impact. The selected individual is expected to:

- Develop the ENG broadening participation strategy to maximize the impact of investments across the directorate.
- Solicit, review, and effectively manage a portfolio of awards in broadening participation.
- Work with other experts internal and external to NSF to evaluate the long term impact of ENG's broadening participation portfolio.
- Serve as a resource for ENG through their expertise on current scholarship and research for effective broadening participation strategies.
- Work closely with other program officers and administrative staff across the Engineering Directorate on methods to improve existing review, outreach, and other efforts to meet NSF goals of broadening participation.
- Participate in intra- and inter-agency broadening participation workgroups, as appropriate, to effectively leverage ENG investments

For more information, please visit the EEC Divisional web page at <https://www.nsf.gov/div/index.jsp?div=eec>.

Qualifications of a successful candidate include a Ph.D. or equivalent professional experience in an engineering discipline, plus after the award of the Ph.D., six or more years of successful research, research administration and/or managerial experience in academe, industry, or government. The appointee is expected to have knowledge of research in an engineering and/or engineering education discipline. Leadership experience in engineering education (departmental, college, university, societies, journals, etc.) is required. Demonstrated achievements in classroom teaching and student advising are important attributes for the successful applicant. Knowledge of the general scientific and engineering community and strong skills in written and oral communication are also desirable. The appointee is expected to function effectively as part of a team, contributing to and coordinating with offices throughout NSF and with other Federal and state government agencies and private sector organizations.

The position will be filled with the following appointment option:

Intergovernmental Personnel Assignment (IPA) Act: 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. Initial assignments under IPA provisions may be made for a period up to two years, with a possible extension for up to an additional two-year period. The individual remains an employee of the home institution and NSF provides the negotiated funding toward the assignee's salary and benefits. Initial IPA assignments are made for a one-year period and may be extended by mutual agreement.

For additional information on NSF's rotational programs, please see "Programs for Scientists, Engineers, and Educators" on the NSF website at: <https://www.nsf.gov/careers/> and <https://www.nsf.gov/careers/rotator/microsite/>.

Applications will be accepted from US Citizens. Recent changes in Federal Appropriations Law require Non-Citizens to meet certain eligibility criteria to be considered. Therefore, Non-Citizens must certify eligibility by signing and attaching this [Citizenship Affidavit](#) to their application. We also ask that you

complete and submit the [Applicant Survey Form](#). This will help NSF to ensure that our recruiting efforts are attracting a diverse candidate pool; it will be used for statistical purposes only.

NSF is relocating to Alexandria, Virginia. In late summer of 2017, NSF will begin the transition from its current location in Arlington, Virginia to 2415 Eisenhower Avenue, Alexandria, VA 22314. The new location is adjacent to a Metro station (Eisenhower Avenue on the Yellow Line) and there is ample parking in the area. There are several amenities nearby, such as restaurants, hotels, and shops.

Individuals interested in applying for this Program Director position should send a current CV accompanied by a cover letter highlighting the background that specifically relates to the program objectives to:

National Science Foundation
Division of Engineering Education and Centers
Attn: Dr. Don Lewis Millard, Acting Division Director
4201 Wilson Blvd., Suite 585
Arlington, VA 22230

Telephone: 703-292-8380
Email: dmillard@nsf.gov

Although paper applications will be accepted at the above address, it is preferred that they are received electronically. Please send electronic submissions to dmillard@nsf.gov.

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