



**NATIONAL SCIENCE FOUNDATION
4201 WILSON BOULEVARD
ARLINGTON, VIRGINIA 22230**

EFMA 16-001

Dear Colleague Letter: Directorate for Engineering (ENG), Office of Emerging Frontiers and Multidisciplinary Activities (EFMA) - Employment Opportunity (Open Until Filled)

March 14, 2016

Dear Colleagues:

The Office of Emerging Frontiers and Multidisciplinary Activities (EFMA) within the Directorate for Engineering at the National Science Foundation announces a nationwide search to fill an open program manager position in the Emerging Frontiers in Research and Innovation (EFRI) Program.

Formal consideration of interested applications will begin March 14th, 2016 and will open until filled. The Office is looking to fill this position by April 29th, 2016.

Program managers have an unparalleled responsibility to ensure NSF-funded research is at the forefront of advancing fundamental knowledge and 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 managers 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' 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.

The Office is looking for a program manager who works collaboratively with program directors and senior management to provide an integrated and responsible effort for a research program or an area of a research program. The goals and core strategies of NSF's Strategic Plan set the framework for all activities. The goals are: (1) enable the United States to uphold a position of world leadership in all aspects of science, mathematics, and engineering, (2) promote the discovery, integration, dissemination, and employment of new knowledge in service to society, and (3) achieve excellence in U.S. science, mathematics, engineering, and technology education at all levels. The core strategies NSF staff employ include developing intellectual capital, strengthening the physical infrastructure, integrating research and education, and promoting partnerships.

The program manager is involved in a range of activities which include for example, long-range planning and budget development for the areas of science represented by the program or office, administration of the merit review process and proposal recommendations, preparation of written material describing advances in the research supported, and liaison with other NSF programs, Federal agencies and

organizations.

The successful candidate will possess:

1. Familiarity with NSF/ENG mission and programmatic activities is highly desirable.
2. Extensive managerial experience in cross-organizational projects involving multiple stakeholders across ENG and the Foundation.
3. Ability to cooperate and work with peers across scientific disciplines and to advocate program plans and policies to individuals within the Foundation, other government agencies and institutions, both within the U.S. and abroad.
4. Ability to plan, organize, and manage higher level projects such as, peer-review panels, conferences, and workshops.
5. Effective oral and written communication skills.

Candidates must have a Ph.D. in an appropriate field plus after award of the Ph.D., four or more years of successful research, research administration, and/or managerial experience pertinent to the position; OR a Master's degree in an appropriate field plus after award of the degree, six or more year years of successful research, research administration and/or managerial experience pertinent to the position. The candidate must demonstrate vision and leadership to identify and support long-term research and education that contributes to the mission of the Office and NSF. NSF program managers have the primary responsibility for carrying out the Agency's overall mission to support innovative and merit-evaluated activities in fundamental research and education that contribute to the nation's technological strength, security, and welfare. This requires expertise in appropriate disciplines to implement the proposal review and evaluation process for the program, as well as strong skills in written and oral communication, a commitment to high standards, considerable breadth of interest and receptivity to new ideas, strong sense of fairness, good judgment, and a high degree of personal integrity. The position provides a challenging experience and an excellent opportunity to encourage and support engineering research and education. The individual selected will work with other program managers in developing collaboration and cooperation across the Foundation and among government, academe and industry, fostering outreach to underrepresented groups, and providing leadership within NSF and the research community.

The program manager position recruited under this announcement may be filled under the following rotational programs:

Visiting Scientist Appointment: Appointment to this position will be made under the Excepted Authority of the NSF Act. Visiting Scientists are on non-paid leave status from their home institution and placed on the NSF payroll. NSF withholds Social Security taxes and pays the home institution's contributions to maintain retirement and fringe benefits (i.e., health benefits and life insurance), either directly to the home institution or to the carrier. Appointments are usually made for a one-year period and may be extended for an additional year by mutual agreement. Please see the link <http://www.nsf.gov/careers/rotator/vsee.jsp>.

Temporary Excepted Service Appointment: Appointment to this position will be made under the Excepted Authority of the NSF Act. Candidates who do not have civil service 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, and life insurance) are applicable for appointments of more than one year. Temporary appointments may not exceed three years.

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

Permanent Federal Employee: Applicants wishing to apply for the Permanent Appointment should see Job Announcement **ENG-2016-0010** at <http://www.USAJobs.gov>.

Applicants should indicate in their cover letter that they are applying to the ENG Position. Please submit your application to:

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