

NATIONAL SCIENCE FOUNDATION
4201 WILSON BOULEVARD
ARLINGTON, VA 22230

Title: Division of Engineering Education and Centers (EEC), Industry University
Cooperative Research Center (I/UCRC) Program Director

Employment Opportunities -- Dear Colleague Letter

Date: November 15, 2004

Dear Colleague:

The Division of Engineering Education and Centers (EEC) announce a nationwide search for a qualified candidate to fill a Program Director position for the Industry University Cooperative Research Center (I/UCRC) Program at the National Science Foundation (NSF).

The I/UCRC program's goal is to develop long-term partnerships among industry, academe, and government. The centers are catalyzed by a small investment from NSF and are primarily supported by center members, with NSF taking a supporting role in their development and evolution. I/UCRC's stimulate highly leveraged industry/university cooperation by focusing on fundamental research recommended by Industrial Advisory Boards. Each center is established to conduct research that is of interest to both the industry and the university with whom it is involved, with the provision that the industry must provide major support at all times. The centers rely primarily on the involvement of graduate students in their research projects, thus developing students who are knowledgeable in industrially relevant research.

NSF Program directors bear the primary responsibility for carrying out the Agency's overall mission: to support innovative and merit-reviewed activities in basic research and education that contribute to the nation's technical strength, security, and welfare. To discharge this responsibility requires not only knowledge in the appropriate disciplines, but also a commitment to high standards, a considerable breadth of interest and receptivity to new ideas, a strong sense of fairness, good judgment, and a high degree of personal integrity. In addition, Program Director positions at the NSF provide a challenging experience and an excellent opportunity to encourage and support engineering research and education and for working with academe and industry to develop strategic plans to advance technology and produce engineering graduates who are more effective in industrial practice. The successful candidate will work with other Program Directors in formulating and implementing improvements in the Program, developing cooperation among government, academia, and industry, fostering outreach to underrepresented groups, and providing leadership within NSF and the research community.

Qualification requirements include a Ph.D. or equivalent experience in an engineering, science or technology discipline, plus six or more years of successful, related experience beyond the Ph.D. Applicants should also have research administration, contract and managerial experience demonstrating disciplinary and interdisciplinary expertise and strong collaborative integration skills with the broad context of engineering and/or science.

This position may be filled on a one or two year Visiting Scientist Appointment, under the terms of the Intergovernmental Personnel (IPA) Assignment or as a Federal temporary Appointment. Temporary and Visiting Scientist appointments will be made under the Excepted Authority of the NSF Act with a current salary range of \$85,210 to 132,791, depending on qualifications and experience. For Visiting Scientist appointments, individuals are in a non-pay leave status from the home institution and are appointed to

NSF's payroll as a Federal employee. NSF withholds FICA and provides reimbursement for fringe benefits. For Federal temporary appointments of more than one year, the usual civil service benefits (retirement, health and life insurance) are applicable. For IPA assignments, the individual remains an employee on the payroll of his or her home institution and the institution continues to administer pay and benefits. NSF reimburses the institution for NSF's negotiated share of the costs. Individuals eligible for an IPA assignment include employees of the State and local government agencies, institutions of higher education, Indian tribal governments, federally funded research and development centers and qualified nonprofit organizations. For more information regarding Visiting Scientist appointments or IPA assignments, visit our website at <http://www.nsf.gov/>.

The appointee is expected to assist the program coordinator on the planning and administration of the I/UCRC program within the framework of the agency policies, missions, objectives, and resources under the guidance of the I/UCRC Program Team Leader:

- Specific oversight of the I/UCRC's, using peer review as a tool to develop the center's capabilities, review performance, and determine continuation, renewal, or termination; the oversight will encompass research management, industrial collaboration and center management;
- Development of strategies to promote synergy among all of the I/UCRC's working in related fields, and between the centers and programs within and outside the NSF;
- Management of review panels for I/UCRC planning grants, and subsequent center proposals submitted to the I/UCRC program under biennial program solicitations; and,
- Assist other programs of the Division as assigned, which may include the Engineering Education Coalitions program, the Engineering Research Centers program, and/or various other duties cognizant of the position of program director in the EEC Division of the Engineering Directorate.

Should you or your colleagues be interested in this position, please contact the EEC Search Committee Coordinator, Don Price (contact information below) and forward a Letter of Interest and your vita via either email (preferred method) or mail to him by **January 31, 2005**. Applications will be reviewed immediately after this date, and the position will remain open until filled. Letters of Interest and curriculum vita should be sent to:

Dr. Donald R. Price, EEC Search Committee Coordinator
Program Director
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