November 2009

Dear Colleague:

The National Research Council (NRC) of the National Academies is pleased to announce the Research Associateship Programs for 2010. We have enclosed a news release, a brochure, and a poster suitable for publicizing the programs. We would be grateful for your assistance in bringing this information to the attention of your graduate students and faculty.

Detailed program information, including instructions on how to submit online applications, a list of participating laboratories and their locations, and areas of research, can be found on our Web site at www.national-academies.org/rap. Prospective applicants must initiate dialogue with Advisers at the lab(s) before application deadline. Applicants are invited to contact the NRC directly at 202-334-2760 or rap@nas.edu if additional information or assistance is required.

Thank you for your effort on behalf of the National Research Council Associateship Programs.

Sincerely yours,

[Signature]

H. Ray Gamble
Director

Enclosures (3)
Applications Sought for Graduate, Postdoctoral and Senior Research Awards

FOR IMMEDIATE RELEASE

November 2009

The National Research Council of the National Academies announces the 2010 Research Associateship Programs to be conducted on behalf of U.S. federal research laboratories and affiliated institutions at over 100 locations throughout the United States. The programs provide opportunities for Graduate, Ph.D., Sc.D. or M.D. scientists and engineers of unusual promise and ability to perform research on problems largely of their own choosing, yet compatible with the research interests of the sponsoring laboratory. Initiated in 1954, the Associateship Programs have contributed to the career development of more than 11,000 scientists and engineers.

Full-time Associateships will be awarded on a competitive basis in 2010 for research in the fields of chemistry; earth, atmospheric and space sciences; engineering, applied sciences and computer science; life and medical sciences; mathematics; and physics. These opportunities are open to graduate students, recent doctoral recipients and senior investigators. Many of the laboratories are open to foreign nationals as well as U.S. citizens.

Graduate and postdoctoral awards are made for one or two years, renewable for a maximum of three years; senior applicants who have held the doctorate at least five years may receive awards for shorter periods. Annual stipends for the 2010 program year range from $42,000 to $75,000 depending upon the sponsoring laboratory, and are appropriately higher for senior award recipients.

Financial support is provided for allowable relocation expenses and for limited professional travel during the duration of the award. The sponsoring laboratory provides facilities, support services, necessary equipment, and travel necessary for the conduct of the approved research program.

Contact with the research advisor/mentor at the proposed sponsoring laboratory, including discussion of the proposed project, is necessary prior to submitting a formal application to the NRC. Application deadlines are February 1, May 1, August 1 and November 1 for reviews in mid-March, mid-June, mid-September and mid-January respectively. Initial awards will be announced immediately following each review with notification of alternate candidates at a later time. Detailed program information, including instructions on how to apply online, is available on our Web site at: www.national-academies.org/rap

Questions should be directed to the:
National Research Council of the National Academies
Fellowship Programs Office, Associateship Programs
500 5th Street NW, Keck 568, Washington, DC 20001
Tel: (202) 334-2760 Email: rap@nas.edu

Annual application deadlines: FEBRUARY 1, MAY 1, AUGUST 1, NOVEMBER 1

Qualified Applicants will be reviewed without regard to race, color, age, religion, sex or national origin.
The NRC Associateship Programs

The National Research Council (NRC) administers competitive postdoctoral and senior research awards on behalf of 26 U.S. government research agencies and affiliated institutions with facilities at over 100 locations throughout the U.S. and abroad. Awardees have the opportunity to:

- conduct independent research in an area compatible with the interests of the sponsoring laboratory
- devote full-time effort to research and publication
- access the excellent and often unique facilities of the federal research enterprise
- collaborate with leading scientists and engineers at the sponsoring laboratories

Eligibility

Awards are available for scientists and engineers at all stages of their career. Applicants should hold, or anticipate receiving, an earned doctorate in science or engineering. Degrees from universities abroad should be equivalent in training and research experience to a degree from a U.S. institution. Most awards are open to foreign nationals as well as to U.S. citizens.

The Application Process

Applications for awards are reviewed by panels of distinguished scientists and engineers representing the disciplines of Chemistry; Earth and Atmospheric Sciences; Engineering; Applied Science, and Mathematics; Life Sciences; and Physics. Awards are made based on ranking assigned by the review panel.

Prospective applicants should refer to the NRC Web site at www.national-academies.org/career for specific information.

Detailed program information, including application deadlines and instructions on how to apply are also available on the NRC Associateship Programs Web site.

Applications must be submitted electronically. Follow application instructions carefully. Supporting documents should be sent to:

National Research Council
Fellowship Programs Office
Research Associateship Program
500 Fifth Street NW, Keck 568
Washington, DC 20001

Receiving an NRC Research Associate Award

Awards are initially for 12 months with renewal for a second or third year determined by evaluation of the Associate's progress, and the need to continue the research; Senior awards may be for shorter periods. Summer Faculty awards are for 8-14 weeks, renewable for up to 3 successive summers. The tenure for Davies Fellows is three years and is divided between the U.S. Military Academy (for teaching) and the Army Research Laboratory (for research).

Research is conducted in collaboration with an Adviser who is a member of the senior professional staff at the laboratory. Research Advisers provide guidance, advice, and support for the Associate during their tenure.

Stipend and Benefits

Research Associates receive annual stipends from the NRC ranging from $42,000 to $75,000 for recent graduates and are proportionally higher for Senior Associates. In addition, the NRC provides health insurance, relocation benefits and an allowance for professional travel. The host laboratory provides research facilities, equipment and funding for supplies to support the Associate's research.
Program Sponsors
- Armed Forces Radiobiology Research Institute
- Civilian Affairs Medical Institute
- Federal Aviation Administration
- Environmental Protection Agency
- Federal Highway Administration
- Institute for Water Resources
- Methane Hydrates Fellowship Program
- Department of Energy
- National Energy Technology Laboratory
- National Institute for Occupational Safety and Health
- National Institute of Standards and Technology
- National Institutes of Health
- National Institutes of Health (National Institute of Biomedical Imaging and Bioengineering)
- National Oceanic and Atmospheric Administration
- Air Force Research Laboratory
- U.S. Air Force Institute of Technology
- U.S. Agency for International Development
- U.S. Army Aviation and Missile Command
- U.S. Army Edgewood Chemical and Biological Center
- U.S. Army Medical Research and Materiel Command
- U.S. Army Natick Soldier Research, Development and Engineering Center
- U.S. Army Night Vision and Electronic Sensors Directorate
- U.S. Army Research Laboratory
- U.S. Army Research Office
- U.S. Army Research, Development, and Engineering Command/Armament Research, Development, and Engineering Center
- U.S. Marine Mammal Commission
- U.S. Military Academy, Davies Teaching Fellowships/U.S. Army Research Laboratory
- U.S. Navy Marine Mammal Program/Space and Naval Warfare Systems Center

How to Apply
- Find research opportunities that match your interests by exploring our Web site: www.national-academies.org/rap
- Contact prospective Research Adviser(s) to discuss your interests. Adviser contact information can be found on the Web site. Note that you may apply for up to three laboratories with one application.
- Apply online using the WebRAP electronic application system.
- Submit supporting documents, including transcripts and letters of reference.

NATIONAL RESEARCH COUNCIL Fellowship Programs Office
- Associateship Programs
- 500 Fifth Street NW, Keck 568
- Washington, DC 20001
- Email: rap@nas.edu
- Tel: 202-334-2760
- Fax: 202-334-2759

Competitive awards are available for scientists and engineers to conduct independent research in federal laboratories and affiliated institutions. Awards include attractive stipends, health insurance, professional travel and relocation opportunities.

National Academy of Sciences
National Academy of Engineering
Institute of Medicine
National Research Council