
Mathematics Opportunities

NRC-Ford Foundation Postdoctoral Fellowships for Minorities

The National Research Council (NRC) administers the Ford Foundation Postdoctoral Fellowships for Minorities. This program enables teacher-scholars to engage in postdoctoral research and scholarship in an environment free from the interference of their normal professional duties and helps them to achieve greater recognition in their respective fields and to develop the professional associations that will make them more effective and productive in academic employment.

Approximately 30 postdoctoral fellowships will be awarded for 2002. The total award package for each fellowship is \$40,000, which includes a \$35,000 stipend and a travel and relocation allowance. Eligible applicants must be U.S. citizens or nationals who are members of one of the following ethnic minority groups: Alaskan Natives (Eskimo or Aleut), Black/African Americans, Mexican Americans/Chicanos/Chicanas, Native American Indians, Native Pacific Islanders (Polynesian or Micronesian), or Puerto Ricans. Applicants are required to have earned a Ph.D. or Sc.D. degree from a U.S. educational institution no earlier than January 1995 and no later than February 14, 2002, in a field supported by this program.

The deadline date for applications is **January 7, 2002**. Awards will be announced in April 2002. Further information is available at <http://www4.nationalacademies.org/pgs/fo.nsf>, or contact the Fellowship Programs Office/FP, TJ 2041, National Research Council, 2101 Constitution Avenue, NW, Washington, D.C. 20418; telephone 202-334-2872; e-mail: infofell@nas.edu.

—From an NRC announcement

Deadlines and Target Dates at the DMS

The Division of Mathematical Sciences (DMS) of the National Science Foundation (NSF) has a number of programs in support of mathematical sciences research and education. Listed below are some of the programs and their deadlines or target dates for the year 2002. Some dates are tentative; please refer to the program announcement or contact the program director for more information.

First week of January 2002 (target date): Mathematical Biology part of Applied Mathematics (includes all RUI proposals)

January 15, 2002 (target date): Mid-Career Methodological Opportunities

January 18, 2002 (deadline): Scientific Computing Research Environments for the Mathematical Sciences (SCREMS)

Late January 2002 (deadline; see solicitation): Major Research Instrumentation Program

February 1, 2002 (target date): Research Planning Grants and Career Advancement Awards for Minority Scientists and Engineers

Early April 2002 (target date; see solicitation): CBMS Regional Research Conferences in the Mathematical Sciences

June 2002 (letter of intent deadline; see solicitation): Grants for Vertical Integration of Research and Education in the Mathematical Sciences (VIGRE)

July 2002 (proposal deadline; see solicitation): Grants for Vertical Integration of Research and Education in the Mathematical Sciences (VIGRE)

July 2002 (deadline; see solicitation): Faculty Early Career Development (CAREER) Program

August 15, 2002 (target date): Mid-Career Methodological Opportunities

Proposals for conferences, workshops, and special years that are submitted to the Statistics and Probability program or to the Topology and Foundations program can be sent

at any time. However, proposals for these activities that are submitted to all other DMS programs (Analysis, Algebra and Number Theory, Applied Mathematics, Computational Mathematics, and Geometric Analysis) must be submitted according to the target dates for those programs. Proposals for supplements for Research Experiences for Undergraduates may be submitted at any time.

For further information consult the DMS website at http://www.nsf.gov/mps/divisions/dms/news/c_deadlines.htm. The mailing address is Division of Mathematical Sciences, National Science Foundation, Room 1025, 4201 Wilson Boulevard, Arlington, VA 22230. The telephone number is 703-292-5111.

—*From a DMS announcement*

2002 Prize for Achievement in Information-Based Complexity

The 2002 Prize for Achievement in Information-Based Complexity consists of \$3,000 and a plaque to be awarded at the Foundations of Computational Mathematics Conference to be held August 5–14, 2002. The prize committee will consist of Erich Novak, Sergei Pereverzev, Joseph F. Traub, Grzegorz W. Wasilkowski, and Henryk Wozniakowski. Anyone other than a current member of the prize committee is eligible. The members of the prize committee would appreciate nominations for the prize. However, a person does not have to be nominated to win the award.

The deadline for nominations for the award is **March 31, 2002**. The achievement can be based on work done in a single year, over a number of years, or over a lifetime. It can be published in any journal, number of journals, or monographs. Nominations for the prize may be sent to Joseph Traub, traub@santafe.edu.

—*Joseph F. Traub, Santa Fe Institute*

Goldstine Postdoctoral Fellowship

The Mathematical Sciences Department of the IBM Thomas J. Watson Research Center invites applications for its 2002–2003 Herman Goldstine Postdoctoral Fellowship for research in mathematical and computer sciences. The fellowship provides scientists of outstanding ability an opportunity to advance their scholarship as resident department members at the Research Center. The department provides an atmosphere in which basic research is combined with work on technical problems arising in industry.

One fellowship will be awarded. Candidates must have a doctorate and no more than five years of postdoctoral professional experience (with a preference for less) when the fellowship commences. The fellowship has a period of one year and may be extended another year by mutual agreement. The stipend is from \$85,000 to \$95,000,

depending on experience, plus an allowance for moving expenses. The Research Center is located in Westchester County, less than an hour north of New York City.

The Mathematical Sciences Department does research in pure and applied mathematics and in theoretical and exploratory computer science. Close interaction with permanent department members is expected, but fellows are free to pursue their own research interests.

Applications must be received by **January 9, 2002**. For further information, visit the website <http://www.research.ibm.com/math/goldstine.html> or send e-mail to mathsci-postdoc@watson.ibm.com. The postal address is: Herman Goldstine Fellowship Committee, Department of Mathematical Sciences, Room 32-248, IBM T. J. Watson Research Center, P.O. Box 218, Route 134, Yorktown Heights, NY 10598.

—*From an IBM announcement*