
Mathematics Opportunities

NSF Mathematical Sciences Postdoctoral Research Fellowships

The Mathematical Sciences Postdoctoral Research Fellowship program of the Division of Mathematical Sciences (DMS) of the National Science Foundation (NSF) awards fellowships each year for research in pure mathematics, applied mathematics and operations research, and statistics. The deadline for this year's applications is **October 17, 2001**. Applications must be submitted via FastLane on the World Wide Web. Go to <http://www.fastlane.nsf.gov/> and click on "Postdoctoral Fellowships". Information can be found there for the Mathematical Sciences Postdoctoral Research Fellowships as well as other NSF fellowship opportunities. For more information contact the DMS by telephone, 703-306-1870, or by e-mail: msprf@nsf.gov.

—From an NSF announcement

Call for VIGRE Proposals

The Division of Mathematical Sciences (DMS) of the National Science Foundation has announced a new competition for Grants for Vertical Integration of Research and Education in the Mathematical Sciences, known as VIGRE grants.

VIGRE grants are designed to allow departments in the mathematical sciences to carry out innovative educational programs in which research and education are integrated and in which undergraduates, graduate students, postdoctoral fellows, and faculty are mutually supportive. The goals of VIGRE are: (1) to prepare undergraduate students, graduate students, and postdoctoral fellows for the broad range of opportunities available to individuals with training in the mathematical sciences; and (2) to encourage departments in the mathematical sciences to initiate or improve education activities that lend themselves to integration with research, especially activities that promote the interaction of scholars across boundaries of academic age and departmental standing.

The deadline for proposals for the new competition is **July 17, 2001**. At present the DMS funds about thirty VIGRE grants. The number of grants to be awarded in the new competition will be determined based on the quality of proposals received. For further information consult the DMS Web site, <http://www.nsf.gov/mps/dms/>.

—Allyn Jackson

Travel Grants Available for ICM

The International Mathematical Union (IMU) will award grants to young mathematicians to cover travel expenses to the International Congress of Mathematicians (ICM), to be held in Beijing, China, August 20–28, 2002. The grants are intended for young mathematicians from developing countries that are not necessarily members of the IMU. (Mathematicians from Eastern European countries are not eligible for this program but will be considered directly by the local organizing committee of the ICM.) Applicants must be under 35 years of age at the time of the congress and should have done research work at the postdoctoral level.

The deadline for receipt of applications is **January 31, 2002**. More information about the grants and the congress can be obtained at the IMU Web site, <http://elib.zib.de/IMU/>, or by contacting Phillip A. Griffiths, Secretary, IMU, Institute for Advanced Study, Einstein Drive, Princeton, NJ 08540; telephone 609-734-8200; fax 609-683-7605; e-mail: imu@ias.edu.

—From an IMU announcement

Call for Nominations for National Medal of Science

The President's Committee on the National Medal of Science is calling for nominations for the 2002 medal. The National Medal of Science is awarded to individuals in recognition of outstanding contributions to knowledge in

the fields of mathematical, physical, biological, engineering, and social and behavioral sciences.

The deadline for nominations for the 2002 award is **June 30, 2001**. Further information, guidelines, and instructions for submitting nominations electronically can be found on the Web site of the National Science Foundation (NSF) at <http://www.nsf.gov/nsb/awards/nms/start.htm>.

—From an NSF announcement

Call for Nominations for Sloan Fellowships

Nominations for candidates for Sloan Research Fellowships, sponsored by the Alfred P. Sloan Foundation, are due by **September 15, 2001**. A candidate must be a member of the regular faculty at a college or university in the United States or Canada and must be at an early stage in his or her research career. For information write to: Sloan Research Fellowships, Alfred P. Sloan Foundation, 630 Fifth Avenue, Suite 2550, New York, NY 10111; or consult the foundation's Web page <http://www.sloan.org/>.

—From a Sloan Foundation announcement

2002–03 Fulbright Awards for U.S. Faculty and Professionals

The Fulbright Scholar Program offers opportunities for lecturing or advanced research in nearly 140 countries to college and university faculty and professionals outside academe. U.S. citizenship and a Ph.D. or comparable professional experience are required. For lecturing awards, university or college teaching experience is expected. Foreign language skills are needed in some countries, but most lecturing assignments are in English. The terms of the awards vary from two months to one academic year, sometimes longer. The deadline is: **August 1, 2001**, for lecturing and research grants in the academic year 2002–03.

For further information contact the Council for International Exchange of Scholars (CIES), 3007 Tilden Street, NW, Suite 5L, Washington, DC 20008-3009; telephone 202-686-7877; World Wide Web http://www.cies.org/cies/pr_competit_02.htm. Online application materials are available at <http://www.cies.org/>.

—From a CIES announcement

NSF CAREER Program Guidelines Available

The guidelines for the Faculty Early Career Development (CAREER) Program of the National Science Foundation (NSF) are now available on the World Wide Web. The announcement number is NSF 01-84. Information is available at <http://www.nsf.gov/cgi-bin/getpub?nsf0184/>. Proposals must be submitted electronically. The deadline is **July 26, 2001**.

The CAREER program supports junior faculty who combine strong research activity with a genuine and substantive involvement in education. For the FY2002 competition, the minimum award size is \$300,000 in total. The award duration for all CAREER awards is five years.

NSF will select from the most meritorious awardees supported by the CAREER program the nominees for Presidential Early Career Awards for Scientists and Engineers (PECASE). Beginning with the FY2001 competition, the PECASE award is an entirely honorary award for all NSF recipients and does not provide additional funds.

Last year the NSF's Division of Mathematical Sciences responded to the high quality of the proposals in the competition by increasing the number of its CAREER awards to about twelve (a significant increase from prior years). In the upcoming competition the Division plans to continue to increase funding available for the very high-quality proposals received.

—From an NSF announcement