
Mathematics Opportunities

NRC-Ford Foundation Fellowships for Minorities

The National Research Council plans to award approximately twenty Ford Foundation Postdoctoral Fellowships for Minorities. The program provides a year of continued study and research for Native American Indians, Alaskan Natives (Eskimo or Aleut), Black/African-Americans, Mexican-Americans/Chicanos, Native Pacific Islanders (Micronesians or Polynesians), and Puerto Ricans. The competition is open to citizens of the U.S. who are members of the designated minority groups, who are engaged in a teaching or research career or are planning such a career, and who have held the Ph.D. or Sc.D. degree for not more than seven years.

Awards will be made in all areas of science and in mathematics. Each fellow selects an appropriate nonprofit institution of higher education or research to serve as host for the year of postdoctoral research.

The deadline for submission of applications is **January 3, 1997**. Inquiries should be directed to: Fellowship Office, TJ 2039, National Research Council, 2101 Constitution Avenue, NW, Washington, DC 20418. Further information is also available at the Web site <http://www.fellowships.nas.edu/index.html>.

—*from NRC Announcement*

Call for Proposals: MAA Programs for Women and Girls

The Mathematical Association of America (MAA) offers two kinds of grants supporting projects that encourage girls and young women to study mathematics. MAA/Tensor

Grants provide direct project support with funds provided by the Tensor Foundation. Women & Mathematics Grants are for planning projects; they are administered under the guidance of MAA's Women & Mathematics Program and funded by the National Security Agency.

The Tensor program provides funds for student-centered projects conducted by high school, college, or university mathematics faculty. Ten grants of up to \$5,000 each will be made in April 1997 for projects that will begin by the end of the 1997-98 academic year. The deadline for MAA/Tensor grant proposals is **February 28, 1997**.

Women & Mathematics Grants support the planning of projects conducted by college and university faculty which encourage young women to study mathematics. Five grants of up to \$2,500 in matching funds will be awarded for activities such as visits to successful programs, feasibility studies, and pilot projects, to take place by the end of the 1997-98 academic year. The deadline for Women & Mathematics grant proposals is **February 14, 1997**.

Announcements detailing the objectives of each program, along with submission procedures and evaluation criteria for proposals, are available at the MAA home page (<http://www.maa.org>) or from the Member Services and Programs Department, Mathematical Association of America, 1529 18th Street, NW, Washington, DC 20036; telephone 202-387-5200; e-mail programs@maa.org.

—*MAA Announcement*

ICM-98 Travel Grants for Young Mathematicians from Developing Countries

The International Mathematical Union (IMU) will award travel grants to young mathematicians to help them attend

the International Congress of Mathematicians (ICM) in Berlin, Germany, August 18–27, 1998. The grants are intended primarily for young mathematicians from developing countries (which are not necessarily members of IMU).

The age limit for the grantees is 35 years at the occasion of the Congress. The candidates should present evidence of research work on the postdoctoral level, and they should be able to benefit from the interaction with mathematicians from other countries attending the Congress.

In addition to the name and address of the candidate, the applications should contain a brief curriculum vitae, including date of birth, plus a list of publications (papers published or accepted for publication).

The Local Organizing Committee of the ICM will provide a special allowance to the grantees to cover their registration, board, and lodging.

Applications for the travel grant may be sent directly to the secretary of the IMU. Applications may also be submitted through the National Committees for Mathematics, which will send all the relevant information about the candidates to the secretary.

All applications should reach the secretary by **January 1, 1998**, and should be sent to: IMU Secretariat, International Mathematical Union, Professor Jacob Palis, Secretary, Estrada Dona Castorina, 110, Jardim Botânico, 22.460-320–Rio de Janeiro, RJ, Brazil; fax 55-21-512-4112; e-mail imu@impa.br.

Information about the IMU and ICM-98 may be found on the World Wide Web server <http://elib.zib-berlin.de/IMU/>.

—*from ICM-98 Announcement*

New NSF Initiative on Learning and Intelligent Systems

It is likely that the National Science Foundation will be announcing an opportunity later this fall for interdisciplinary research in Learning and Intelligent Systems (LIS). The LIS activity is expected to stimulate interdisciplinary research that will unify concepts related to learning and learning-based intelligent systems and that will promote the use of information technologies in learning across a wide variety of fields. The formation of interdisciplinary teams will be encouraged. It is expected that mathematicians will be able to play a significant role. More information on this opportunity will likely be available later this fall. The deadline for preproposals will likely be in early January 1997. Details were not available at the time of this writing. However, those interested in learning more can consult the DMS World Wide Web page <http://www.nsf.gov/mps/dms>.

—DMS

Toyota USA Foundation Seeks Math and Science Education Proposals

The Toyota USA Foundation is seeking proposals for innovative mathematics and science programs for children in kindergarten through twelfth grade. The Foundation has an endowment of \$25 million and annually makes grants totalling more than \$1.2 million.

The Toyota Foundation is looking for programs which are systemic, have a broad scope, and incorporate interdisciplinary curricula. They are also interested in programs that build partnerships among educational, business, and community groups. Grants are made to organizations such as higher-education institutions, community colleges, and nonprofit groups. Individuals and for-profit organizations are not eligible.

For further information contact: Toyota USA Foundation, 19001 S. Western Avenue, Torrance, CA 90509; telephone 310-618-6766; World Wide Web http://www.toyota.com/inside_toyota/toyota_foundation.

—*Toyota USA Foundation*