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# Mathematics Opportunities

## NSF Announces Program for Graduate Teaching Fellows

The National Science Foundation (NSF) has announced a new educational program that will enable talented graduate students and advanced undergraduates to serve as teaching fellows in science, mathematics, and technology in kindergartens and elementary and high schools. The fellows will serve as resources for teachers in science and mathematics, with the goals of improving their own communication and teaching skills, enriching the learning of K-12 students, providing opportunities for professional development for K-12 teachers, and strengthening partnerships between institutions of higher education and local school districts.

Academic institutions in the United States and its territories that offer graduate degrees in science, mathematics, engineering, and technological fields are eligible to apply for two- to three-year awards of \$200,000 to \$500,000 per year. The institutions will be responsible for selecting the fellows to participate in the program. Projects that involve more than one U.S. institution are eligible, but a single institution must accept overall management responsibility. Collaborating institutions may include industries, nonprofit institutions, museums, and other nonacademic as well as academic institutions.

Inquiries may be directed to Henry Blount, Directorate for Mathematical and Physical Sciences, NSF; telephone 703-306-1946; e-mail: [hb1ount@nsf.gov](mailto:hb1ount@nsf.gov).

The deadline for proposals is **May 5, 1999**. For more information, see the program announcement (NSF 99-75), available in electronic form only via the NSF home page at <http://www.nsf.gov/>.

—From NSF announcement

## Travel Grants for Women

The National Science Foundation (NSF) and the Association for Women in Mathematics (AWM) sponsor a travel grant program to enable women to attend research conferences in their fields, thereby providing scholars valuable opportunities to advance their research activities and their visibility in the research community. The grants provide full or partial support for travel and subsistence for a meeting or conference in the applicant's field of specialization. Maximum grants of \$1,000 for domestic travel and \$2,000 for foreign travel are available. For foreign travel, U.S. carriers must be used whenever possible.

These travel funds are provided by the Division of Mathematical Sciences (DMS) of the NSF, and the research conference attended must be in an area supported by DMS. For example, this includes certain areas of statistics, but excludes most mathematics education and history of mathematics. An applicant must be a woman holding a doctorate (or equivalent experience) and with a work address in the United States (or home address, in the case of unemployed mathematicians). Anyone who has been awarded an AWM-NSF travel grant in the past two years or who has other sources of external funding, such as any type of NSF grant, is ineligible. Partial support from the applicant's institution or from a nongovernmental agency does not, however, make the applicant ineligible.

The final deadline for the 1999 program is **October 1, 1999**. Application materials should be sent to the Travel Grant Selection Committee, Association for Women in Mathematics, 4114 Computer and Space Sciences Building, University of Maryland, College Park, Maryland 20742-2461. For further information and details on applying, see the AWM Web site, <http://www.awm-math.org/travelgrants.html>; or telephone 301-405-7892; or send

e-mail to [awm@math.umd.edu](mailto:awm@math.umd.edu). Applications via e-mail or fax are not acceptable.

—*From an AWM announcement*

## News from the Banach Center

The Institute of Mathematics of the Polish Academy of Sciences has issued a call for proposals to organize scientific meetings in mathematics and applied mathematics at the Stefan Banach International Mathematical Center in Warsaw, Poland, for the years 2000–2001. Proposals for interdisciplinary meetings related to mathematics are particularly welcome.

A proposed meeting could take the form of a semester or minisemester, a conference or workshop, or an intensive school for graduate students. Essential financial support will be provided by the Banach Center; independent sources may provide additional funding.

The deadline for proposals is **April 16, 1999**. The Scientific Council of the Banach Center, chaired by Friedrich Hirzebruch, will begin considering proposals early in May.

The Banach Center is also organizing research groups for approximately two to fifteen mathematicians who wish to work together in a particular research subject area. Lodging, office, and library facilities will be available, and some support for living expenses will be offered. These groups are proposed to take place during periods not set aside for larger symposia or conferences. The periods will be listed separately for each year; contact the Banach Center at the address below for periods currently available. Proposals can be submitted to the Banach Center at any time, preferably six months before the beginning of the proposed activity.

Additional information, including the procedure for filing proposals, can be obtained on the World Wide Web at <http://www.impan.gov.pl/> or from the Secretary, Banach Center, Mokotowska 25, P. O. Box 137, 00-950 Warsaw, Poland; telephone +(48 22) 628-0192; fax +(48 22) 622-5750; e-mail: [office@banach.impan.gov.pl](mailto:office@banach.impan.gov.pl).

—*From Banach Center announcements*

## NIST Postdoctoral Research Associateships Program

The NIST/NRC Postdoctoral Research Associateships Program, administered by the National Institute of Standards and Technology (NIST) of the U.S. Department of Commerce and the National Research Council (NRC), provides two-year temporary appointments for outstanding scientists and engineers chosen through a national competition administered by the NRC. These appointments provide an opportunity for the nation's best scientists, mathematicians, and engineers to engage in state-of-the-art research with senior research specialists on the NIST staff.

Research associateships are awarded only to U.S. citizens who have held a doctorate for less than five years at the time of application. Associates are appointed for a two-year term and are considered to be employees of the U.S. Government. The annual base salary is \$48,500, and various benefits are included. Costs of relocation to the duty station within the United States are provided within the allowances prescribed by law.

Approximately forty new awards are made each year. The deadline for applications is **January 15** of each year. Further information may be obtained from the NIST Web site, <http://www.nist.gov/oiaa/postdoc.htm>, or by contacting Joy Brooks, Information Specialist, NIST, telephone 301-975-3071; or Jack J. Hsia, Chief of Academic Affairs, NIST, telephone 301-975-3067; or by writing to the National Research Council, Associateship Programs-TJ2114, 2101 Constitution Avenue, NW, Washington, DC 20418; telephone 202-334-2760.

—*From a NIST announcement*