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# Mathematics Opportunities

## Summer Institute for Women Students

The Summer Institute for the Mathematical Sciences (SIMS) will be held at the University of California, Berkeley, from June 14 to July 26, 1997. This six-week program is designed to encourage talented undergraduate women to pursue advanced degrees in the mathematical sciences.

Applicants must be U.S. citizens or permanent residents who have by June 1997 completed with distinction the equivalent of at least two years of collegiate-level mathematics, including a course in real analysis or modern algebra. About twenty women will be selected. Each will receive a travel allowance, campus room and board, and a stipend.

SIMS offers intensive seminars designed to give students a deep understanding of mathematical concepts and to teach them how to do independent work and express mathematical ideas orally and in writing. All faculty are women who are active research mathematicians and excellent teachers. Seminar assistants are women who are graduate students in the mathematical sciences. In addition to the seminars, there are many colloquium talks given by renowned mathematicians and site visits to organizations where mathematical research is conducted in a nonacademic environment. Students are given information about applying to and obtaining funding for graduate school and about careers in the mathematical sciences.

Instructors are urged to bring this announcement to the attention of their students. For information and application materials, please send e-mail to [sims@stat.berkeley.edu](mailto:sims@stat.berkeley.edu), send a fax to SIMS at 510-642-7892, or write

to: Project Coordinator, Summer Institute for the Mathematical Sciences, University of California, 367 Evans Hall #3860, Berkeley, CA 94720-3860.

The SIMS World Wide Web site at <http://www.stat.berkeley.edu/users/sims/> contains more information about the program, as well as application materials.

—SIMS Announcement

## Travel Grants for FSU Scientists

The U.S. Civilian Research and Development Foundation for the Independent States of the Former Soviet Union (CRDF) will provide up to \$2,500 for short-term travel to the United States. The grants will be made on a competitive basis to promising applied scientists and engineers from the non-Russian countries of the former Soviet Union. Travel must be for the purposes of participating in meetings of industry associations or scientific and engineering professional societies and also [of] visiting research facilities to initiate collaboration with U.S. scientists. The program is limited to first-time visitors to the U.S. Travel related to degree programs or attendance in courses is not eligible. Travel to attend meetings related to the basic sciences, social sciences, or public policy issues is not eligible.

CRDF must receive requests for travel support at least eight weeks prior to the intended date of travel. Travel must be completed by December 31, 1997. CRDF plans to award up to 160 travel grants. Applications will be accepted until

October 31, 1997, or until the 160 grant limit has been reached. The CRDF may at its option decide to extend the program beyond this date.

Further information may be found on the CRDF Web site, <http://www.crdf.inter.net/>. The mailing address is: US Civilian Research and Development Foundation for the Independent States of the Former Soviet Union, 1800 North Kent Street, Suite 1106, Arlington, VA 22209. The telephone number is 703-526-9720, the fax number is 703-526-9721, and the e-mail address is [information@crdf.org](mailto:information@crdf.org).

—*from CRDF Announcement*

## IAS/Park City Mathematics Institute

Each summer the Institute for Advanced Study/Park City Mathematics Institute (PCMI) offers an integrated set of programs for researchers, postdocs, graduate students, undergraduates, and teachers. The topic for the 1997 PCMI Summer Session is symplectic geometry and topology, and it will be held at the Inn at Prospector Square in Park City, Utah, from June 29 to July 19, 1997.

Women undergraduate and graduate students who are accepted into the PCMI Summer Session are also invited to take part in the Mentoring Program for Women in Mathematics, to be held at the IAS in Princeton, New Jersey, May 12-22, 1997. The two-week workshop provides a combination of lectures, seminars, working problem groups, mentoring, and networking sessions in addition to the opportunity to meet and converse with mathematicians in residence at the Institute for Advanced Study.

For applications and more information, contact [pcmi@math.ias.edu](mailto:pcmi@math.ias.edu) or consult the Web site <http://www.admin.ias.edu/ma/parkcity.htm>.

—*from PCMI Announcement*

## AWM Workshop and Travel Grants

The Association for Women in Mathematics (AWM) has two programs with fast approaching deadlines.

*AWM Workshop, Stanford, July 1997:* For the past eight years the AWM has held, in conjunction with major mathematics meetings, workshops for women graduate students and recent Ph.D.s. With funding from the Office of Naval Research, the next workshop will take place at the Society for Industrial and Applied Mathematics Annual Meeting at Stanford University, Stanford, California, July 14-18, 1997. This workshop will be held July 14-15, with an introductory group discussion and dinner on July 13.

The workshop will consist of a poster session by graduate students, four minisymposia, a group discussion on careers, a panel on government funding, and a dinner with

a keynote speaker. One minisymposium will focus on written communication skills, and the other three will explore the research areas of mathematical modeling, optimization, and partial differential equations and applications.

The AWM also seeks volunteers to lead discussion groups and to act as mentors for workshop participants. Those interested in volunteering should contact the AWM office.

Applications for the workshop must be received by AWM by **March 1, 1997**.

*AWM Travel Grants:* The AWM travel grants program, which is sponsored by the National Science Foundation (NSF), enables women to attend research conferences in their fields, thereby providing a valuable opportunity 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. A maximum of \$1,000 for domestic travel and of \$2,000 for foreign travel will be available.

These travel funds are provided by the Division of Mathematical Sciences (DMS) of NSF, and the research conference 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 individual 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 non-governmental agency does not, however, make the applicant ineligible.

For the travel grants, there are three award periods per year, with applications due **February 1**, **May 1**, and **October 1**.

For further information about the workshop or the travel grants program, contact: Association for Women in Mathematics, 4114 Computer & Space Sciences Building, University of Maryland, College Park, MD 20742-2461; telephone 301-405-7892; e-mail [awm@math.umd.edu](mailto:awm@math.umd.edu).

—*from AWM*