
Mathematics Opportunities

American Mathematical Society Centennial Fellowships

Invitation for Applications for Awards for 2002–2003
Deadline December 1, 2001

The AMS Centennial Research Fellowship Program makes awards annually to outstanding mathematicians to help further their careers in research. From 1997–2001 the fellowship program was aimed at recent Ph.D.'s. Recently the AMS Council approved changes in the rules for the fellowships. The eligibility rules are as follows.

The primary selection criterion for the Centennial Fellowship is the excellence of the candidate's research. Preference will be given to candidates who have not had extensive fellowship support in the past. Recipients may not hold the Centennial Fellowship concurrently with another research fellowship such as a Sloan or NSF Postdoctoral Fellowship. Under normal circumstances the fellowship cannot be deferred. A recipient of the fellowship shall have held his or her doctoral degree for at least three years and not more than twelve years at the inception of the award. Applications will be accepted from those currently holding a tenured, tenure-track, postdoctoral, or comparable (at the discretion of the selection committee) position at an institution in North America.

The stipend for fellowships awarded for 2002–03 is expected to be approximately \$55,000, with an additional expense allowance of about \$1,650. Acceptance of the fellowship cannot be postponed.

The number of fellowships to be awarded is small and depends on the amount of money contributed to the program. The Trustees have arranged a matching program from general funds in such a way that funds for at least one fellowship are guaranteed. Due to a change in eligibility criteria and an increase in the stipend beginning in 2002–03, it is expected that three fellowships will be

awarded. A list of previous fellowship winners can be found at <http://www.ams.org/secretary/prizes.html>.

Applications should include a cogent plan indicating how the fellowship will be used. The plan should include travel to at least one other institution and should demonstrate that the fellowship will be used for more than reduction of teaching at the candidate's home institution. The selection committee will consider the plan in addition to the quality of the candidate's research and will try to award the fellowship to those for whom the award would make a real difference in the development of their research careers. Work in all areas of mathematics, including interdisciplinary work, is eligible.

The deadline for receipt of applications is **December 1, 2001**. Awards will be announced in February 2002 or earlier if possible.

For application forms write to the Executive Director, American Mathematical Society, 201 Charles Street, Providence, RI 02904-2294; or send electronic mail to ams@ams.org; or call 401-455-4106. Application forms are also available via the Internet at <http://www.ams.org/employment/centflyer.html>.

Please note that completed application and reference forms should not be sent to the AMS, but to the address given on the forms.

—AMS announcement

Research Opportunities in Japan, Korea, and Taiwan for U.S. Graduate Students

The National Science Foundation (NSF), the National Institutes of Health/Fogarty International Center (NIH/FIC), and the U.S. Department of Agriculture/Agricultural Research Service (USDA/ARS) are cosponsoring a summer research program in 2002 for U.S. graduate students in Japan, Korea, and Taiwan.

The Summer Institute in Japan, the Monbusho Summer Program, the Summer Institute in Korea, and the Summer Institute in Taiwan provide graduate students in science and engineering with firsthand experience in Japanese, Korean, and Taiwanese research environments, an introduction to the science and science policy infrastructure of the respective countries, and language and cultural training. The primary goals of the programs are to introduce students to Japanese, Korean, and Taiwanese science and engineering in the context of a research laboratory and to initiate personal relationships that will better enable them to collaborate with their counterparts in other countries in the future. The programs will last approximately eight weeks, from mid-June to August. Students may study and work at one of a variety of government, corporate, and university research laboratories, depending on the specific program.

Applicants must be U.S. citizens or permanent residents. They must be enrolled at a U.S. institution in a science or engineering Ph.D. program, in an M.D. program with an interest in biomedical research, or in a master's degree program with at least one full academic year completed at the end of the calendar year of application. They must be pursuing studies in fields of science or engineering that are supported by the NSF, the NIH, or the USDA and that also are represented among the potential host institutions.

International travel costs to and from Japan, Korea, or Taiwan; in-country living costs (accommodations, food, and professional travel); and an allowance of \$2,500 for each participant will be provided.

The deadline for application materials to be postmarked is **December 1** each year. All application materials (including forms from the applicant and from those recommending him or her) should be sent to the NSF East Asia and Pacific Program (NSF/EAP), Room 935, Division of International Programs, National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230.

Further information and a full description of the summer programs, including a list of potential host institutions and application instructions, are available at the NSF/Tokyo website <http://www.twics.com/~nsftokyo/> (select "Summer Programs" from the opening screen menu bar), or from Larry H. Weber, NSF/EAP; telephone 703-292-8704; e-mail: lweber@nsf.gov.

—From an NSF announcement

AAUW Educational Foundation Fellowships and Grants

The American Association of University Women (AAUW) awards Selected Professions Fellowships to women who intend to pursue a full-time course of study at accredited institutions during the fellowship year in a designated degree program in which women's participation has traditionally been low. All women who are candidates for the master of science (M.S.) degree in mathematics or statistics are eligible to apply.

Applications are now available for Master's and First Professional Awards, which carry cash awards of between \$5,000 and \$12,000. The deadline for applications to be postmarked is **January 10, 2002**. The fellowship year runs from July 1, 2002, to June 30, 2003. For more information, see the AAUW's website at <http://www.aauw.org/3000/fdnfelgra/selectprofbd.html> or contact the AAUW Educational Foundation, Department 60, 2201 North Dodge Street, Iowa City, IA 52243-4030; telephone 319-337-1716, extension 60.

—From an AAUW announcement

AWM Workshop for Women Graduate Students and Postdocs

The Association for Women in Mathematics (AWM) has announced that a workshop for women in mathematics will be held July 8–10, 2002, in conjunction with the meeting of the Society for Industrial and Applied Mathematics (SIAM) in Philadelphia, Pennsylvania, July 8–12, 2002. The workshop will feature minisymposia on research areas selected from mathematical biology, modeling, control, optimization, scientific computing, and partial differential equations and applications. The deadline for receipt of applications is **January 21, 2002**.

The AWM holds a series of workshops for women graduate students and recent Ph.D.'s in conjunction with major mathematics meetings. The workshops are also supported by the Office of Naval Research and the Air Force Office of Scientific Research. For further information see the AWM website at <http://www.awm-math.org/>.

—AWM announcement

News from Institut Mittag-Leffler

The academic year 2002–03 at the Institut Mittag-Leffler, Djursholm, Sweden, will consist of two terms. The fall term (2002) will be devoted to Partial Differential Equations and Spectral Theory. The organizing committee consists of Victor Guillemin of MIT, Bernhard Helffer of the Université Paris XI (Orsay), and Ari Laptev of KTH. The spring term (2003) will be devoted to Mathematical Control and Systems Theory. The organizing committee consists of Christopher Byrnes of Washington University, Anders Lindquist of KTH, Clyde Martin of Texas Tech University, and Anders Rantzer of the University of Lund.

The application deadline for postdoctoral fellowships is **January 31, 2002**. Applications should be sent to Marie-Louise Koskull, Institut Mittag-Leffler, Auravägen 17, SE-182 60 Djursholm, Sweden. For further information consult the institute's home page, <http://www.ml.kva.se/>.

—Institut Mittag-Leffler announcement