
Mathematics Opportunities

National Institute for Science Education Fellowships

The National Institute for Science Education (NISE), funded by the National Science Foundation and based at the University of Wisconsin-Madison, has openings for several one-year fellows for the 1999–2000 College Level One (CL-1) Institute.

The 1999–2000 CL-1 Institute will address issues of the use of technology in introductory undergraduate science, mathematics, engineering, and technology (SMET) courses. For example, products could include assessments of the utility of technology in the classroom and developing usage guides for instructional technology and digital libraries.

Fellows are expected to have a record of research and/or extensive classroom practice in this field. Responsibilities will include research and writing toward a synthesis of present knowledge, creation of dissemination tools for post-secondary faculty and administrators, organization of seminars and symposia, and extensive interaction with other fellows and NISE members.

The academic requirement is a doctorate in science, mathematics, engineering, or education. Possible candidates include faculty who teach SMET courses and who have experience using technology in their classrooms, education researchers with expertise in instructional technology, and members of faculty development programs. Residence at UW-Madison for the 1999–2000 academic year is preferred. For further information and application procedures, contact Paula White, National Institute for Science Education, University of Wisconsin-Madison, 1025 West Johnson Street, Madison, Wisconsin 53706; e-mail: pwhite@mac.c.

wisc.edu; or visit the NISE Web site: www.wcer.wisc.edu/NISE/NISE_Fellows/cl1_team_fellows.html.

—*from an NISE announcement*

NRC-Ford Foundation Postdoctoral Fellowships for Minorities

The National Research Council (NRC) administers the Ford Foundation Postdoctoral Fellowships for Minorities. This program enables teacher-scholars to engage in postdoctoral research and scholarship in an environment free from the interference of their normal professional duties and helps them to achieve greater recognition in their respective fields and to develop the professional associations that will make them more effective and productive in academic employment.

Approximately 25 one-year postdoctoral fellowships will be awarded for 1999. The total award package for each fellowship is \$40,000, which includes a \$30,000 stipend and a travel and relocation allowance.

Eligible applicants must be U.S. citizens or nationals who are members of one of the following ethnic minority groups: Alaskan Natives (Eskimo or Aleut), Black/African Americans, Mexican Americans/Chicanos/Chicanas, Native American Indians, Native Pacific Islanders (Polynesian or Micronesian), or Puerto Ricans. Applicants are required to have earned the Ph.D. or Sc.D. degree from a U.S. educational institution by March 3, 1999, and may not have held the degree for more than seven years as of the deadline date.

The deadline date for applications is **January 4, 1999**. Awards will be announced in early April.

Further information is available at <http://fellowships.nas.edu/>, or contact the Fellowship Office, National Research Council, 2101 Constitution Avenue, NW, Washington, DC 20418; telephone 202-334-2872.

—*from an NRC announcement*

NRC-Ford Foundation Dissertation Fellowships for Minorities

The National Research Council (NRC) administers the Ford Foundation Dissertation Fellowships for Minorities. This program enables individuals of demonstrated ability the opportunity to complete the dissertation required for a Doctor of Philosophy (Ph.D.) or Doctor of Science (Sc.D.). Awards are made for study in research-based doctoral programs in the behavioral and social sciences, humanities, engineering, mathematics, physical sciences and life sciences, or for interdisciplinary programs composed of two or more eligible disciplines.

Approximately 29 dissertation fellowships will be awarded for 1999. The stipend is \$21,500 for one year.

Eligible applicants must be U.S. citizens or nationals who are members of one of the following ethnic minority groups: Alaskan Natives (Eskimo or Aleut), Black/African Americans, Mexican Americans/Chicanos/Chicanas, Native American Indians, Native Pacific Islanders (Polynesian or Micronesian), or Puerto Ricans. Applicants must have completed all course work, examinations, language requirements, and all other departmental and institutional requirements for the Ph.D. or Sc.D. (except for writing and defense of the dissertation) by February 14, 1999.

The deadline date for applications is **November 14, 1998**. Awards will be announced in early April.

Further information is available at <http://fellowships.nas.edu/>, or contact the Fellowship Office, National Research Council, 2101 Constitution Avenue, NW, Washington, DC 20418; telephone 202-334-2872.

—*from an NRC announcement*

NRC-Ford Foundation Predoctoral Fellowships for Minorities

The National Research Council (NRC) administers the Ford Foundation Predoctoral Fellowships for Minorities. This program identifies individuals of demonstrated ability and provides them with the opportunity to engage in advanced study leading to a Doctor of Philosophy (Ph.D.) or Doctor of Science (Sc.D.) in research-based doctoral programs in the behavioral and social sciences, humanities, engineer-

ing, mathematics, physical sciences and life sciences, or for interdisciplinary programs composed of two or more eligible disciplines.

Approximately 50 predoctoral fellowships will be awarded for 1999. The annual stipend is \$14,000 and an annual institutional allowance of \$7,500 to the fellowship institution in lieu of tuition and fees for three years.

Eligible applicants must be U.S. citizens or nationals who are members of one of the following ethnic minority groups: Alaskan Natives (Eskimo or Aleut), Black/African Americans, Mexican Americans/Chicanos/Chicanas, Native American Indians, Native Pacific Islanders (Polynesian or Micronesian), or Puerto Ricans. Applicants must be at or near the beginning of study toward a Ph.D. or Sc.D. degree; applicants already enrolled in an eligible doctoral program must require at least three years of full-time support as of September 1999 in order to complete their degree. Scores from Graduate Record Examinations (GRE) General Test are required for all Predoctoral Fellowship applicants.

The deadline date for applications is **November 14, 1998**. Awards will be announced in early April.

Further information is available at <http://fellowships.nas.edu/>, or contact the Fellowship Office, National Research Council, 2101 Constitution Avenue, NW, Washington, DC 20418; telephone 202-334-2872.

—*from an NRC announcement*

Call for Proposals: The Mittag-Leffler Institute

The Mittag-Leffler Institute has issued a call for proposals for the scientific program of the academic year 2001-02. The Institute runs programs in specialized areas of mathematics to which leading scientists in the area are invited. In a concurrent junior visiting program, postdoctorates and advanced graduate students are invited to participate. The selection criteria for proposals are scientific strength and timeliness and the degree to which the program would benefit mathematical research in Scandinavia, including Finland and Iceland. The deadline for applications is **February 28, 1999**. Proposals should be addressed to The Board, Institut Mittag-Leffler, Auravägen 17, S-182 62 Djursholm, Sweden. More information can be found on the World Wide Web at <http://www.ml.kva.se/proposals.html>, or contact the director of the Institute, Kjell-Ove Widman, at widman@ml.kva.se.

—*The Mittag-Leffler Institute*

MAA Grants for Women and Mathematics Projects

The Mathematical Association of America (MAA) awards grants each year for projects designed to encourage col-

lege and university women or high school and middle school girls to study mathematics. The Tensor Foundation, working through the MAA, is soliciting college, university, and secondary mathematics faculty (in conjunction with college or university faculty) and their departments and institutions to submit proposals. Projects may replicate existing successful projects, adapt components of such projects, or be innovative. Some possible projects may be organizing a club for women interested in mathematics or mathematics and science, providing release time to faculty preparing courses on women and mathematics, or conducting summer mathematics programs for high school girls.

Ten grants of up to \$5,000 each will be made to the institution of the project director and are to be spent within the year. An institution is expected to supply matching funds or in-kind support.

Proposals must be received by **February 5, 1999**. Applicants will be notified by the end of February 1999.

Completed proposals or requests for further information should be sent to Bernice Kastner, Mathematical Association of America, 1529 Eighteenth Street, NW, Washington, DC 20036; e-mail: bkastner@maa.org; telephone 800-741-9415. More detailed information is also available on the World Wide Web at http://www.maa.org/projects/solic_99.html.

—from an MAA announcement

Society of Women Engineers Scholarship Program

The Society of Women Engineers (SWE) is offering approximately 90 scholarships that vary in amount from \$200 to more than \$5,000 per year, for a total of more than \$150,000. Scholarships are available for reentry, undergraduate, and graduate students. Although none of the scholarships is for mathematics students, mathematics faculty may wish to refer mathematically inclined computer science and engineering students to this program.

Deadlines for each category of scholarship, as well as further information on the program, can be found at the SWE Web site: <http://www.swe.org/SWE/StudentServices/Scholarship/brochure.htm>; or contact the Society of Women Engineers, 120 Wall Street, 11th Floor, New York, NY 10005-3902; telephone 212-509-9577; e-mail: hq@swe.org.

—from an SWE announcement

NASA Administrator's Fellowship Program

The NASA Administrator's Fellowship Program (NAFP) is designed to enhance the professional development of mathematics, science, and engineering faculty members at

historically black colleges and universities, Hispanic-serving institutions, and tribal colleges and universities. Fellowships cover a two-year period, over which fellows conduct research at a NASA center, another government agency, a research university, or a private-sector organization. Academic fellows receive a stipend equal to their current salary, as well as full compensation for relocation and other travel expenses incurred as part of the program.

New eligibility guidelines, application materials, and deadlines for the 1999 fellowships were made available in September 1998.

Further information is available through the World Wide Web at <http://www2.nas.edu/fo/2116.html> or by contacting NAFP Fellowship Office - TJ2038, National Research Council, 2101 Constitution Avenue, Washington, DC 20418; telephone 202-334-2872; e-mail: nafp@nas.edu.

—from a National Academy of Sciences announcement