
Stipends for Study and Travel

Graduate Support

American Association for the Advancement of Science

Summer Fellowship

Description: Fellows will work for radio and television stations, newspapers, and magazines and will have their travel expenses and stipends paid by the AAAS. Fellows will have the opportunity to: observe and participate in the process by which events and ideas become news, improve their communication skills by learning to describe complex technical subjects in a manner understandable by the public, and increase their understanding of editorial decision making and the manner in which information is effectively disseminated. Each fellow will: attend an orientation and evaluation session in Washington, DC; begin the internship in mid-June; and submit an interim and final report to AAAS to help evaluate the program.

Eligibility: Provides support for twenty-five outstanding graduate students in mathematics, the natural and social sciences, and engineering as reporters, researchers, and production assistants in the mass media. (Exceptional undergraduate or postdoctoral students will also be considered.)

Grant amount: \$450/week stipend for ten weeks.

Deadline: January 15, 2001.

Application information: Katrina Malloy, Program Coordinator, Mass Media Science and Engineering Fellows Program, American Association for the Advancement of Science, 1200 New York Avenue, NW, Washington, DC 20005.

American Association of University Women (AAUW) Educational Foundation

American Fellowships

Description: Postdoctoral, dissertation, and summer postdoctoral faculty fellowships for women fulfilling eligibility requirement. Applicants for the postdoctoral fellowships must hold a doctoral degree by the application deadline. An applicant must have completed all

course work, passed all examinations, and have had the dissertation proposal or plan approved by the application deadline.

Eligibility: Women who are citizens or permanent residents of the U.S.

Grant amount: The postdoctoral fellowships provide \$27,000. The summer postdoctoral faculty fellowships provide stipends of \$5,500. The dissertation fellowships provide stipends of \$15,000 for the final year of writing the dissertation. Dissertation fellowships have some disciplinary restrictions.

Deadline: November 15 (postmark).

Application information: AAUW Educational Foundation, American Fellowships, c/o Customer Service Center, 2201 N. Dodge St., Iowa City, IA 52243-4030; telephone: 319-337-1716; fax: 319-337-1204.

American Association of University Women (AAUW) Educational Foundation

Selected Professions Fellowships

Description: These fellowships are awarded to women of outstanding academic ability who are citizens or permanent residents of the U.S. for full-time graduate study in designated fields where women's participation has traditionally been low. Eligible fields currently include mathematics and statistics.

Eligibility: Fellowships are for the final year of the master's degree. Fellowship year is September 1–June 30. Degree must be earned at the end of the fellowship year.

Grant amount: \$5,000–\$12,000.

Deadline: Must be postmarked by January 10 (applications are available August 1–December 20).

Application information: For more information contact: AAUW Educational Foundation, Department 178, P. O. Box 4030, Iowa City, IA 52243-4030; telephone: 319-337-1716, ext. 178; or visit our Web site at <http://www.aauw.org/>.

Associated Western Universities, Inc.

Description: AWU, in partnership with federal laboratories, industry, and other cooperating facilities, provides

fellowships for science and engineering research participation. Fellowship participants are hosted by nearly sixty federal and industrial facilities.

Eligibility: Faculty, advanced-degree graduates, graduate and undergraduate students in discipline areas including the physical and biological sciences, mathematics, computer science, engineering, and technology.

Application information: Associated Western Universities, Inc., 4190 S. Highland Drive, Suite 211, Salt Lake City, UT 84124; tel: 801-273-8900; fax: 801-277-5632; e-mail: info@awu.org; home page: <http://www.awu.org/>.

Bunting-Cobb Graduate Residential Fellowships for Women

Description: Douglass College, the largest women's college in the nation, offers the Bunting-Cobb Graduate Residential Fellowship program. Bunting-Cobb Fellows serve as mentors to the undergraduates in the residence hall. The hall is equipped with a microcomputer room and a resource library.

Eligibility: Women graduate students enrolled in math, science, or engineering programs at Rutgers University's Graduate School on its New Brunswick campus.

Grant amount: \$3,000 to \$4,000, depending on duties, as well as room and board for the academic year in the Bunting-Cobb Math, Science, and Engineering Hall.

Application information: For information about the Bunting-Cobb Fellowship, please contact Dr. Terri Boyer Tillbrook, Director, Douglass Project for Rutgers Women in Math, Science, and Engineering at 732-932-9197, ext. 10; or e-mail at dougproj.rutgers.edu. For information about graduate study at Rutgers, please contact Beverly Tarter at 732-932-7711.

Committee on Institutional Cooperation (CIC)

Summer Research Opportunities Program (SROP)

Description: A program to interest talented undergraduate minority students in academic careers and to enhance their preparation for graduate study through intensive research experience with faculty mentors. Students are matched with faculty mentors who are engaged in research in the student's general area of interest. Students either participate in an ongoing research project or develop one of their own in consultation with their faculty mentor.

Eligibility: Underrepresented minority students, including African Americans, Mexican Americans, Native Americans, Puerto Ricans, and other Latinos, who are sophomores or juniors majoring in any field are eligible to apply. Participants are expected to devote full time to the program during the eight- to ten-week summer session.

Grant amount: Each student receives a stipend of at least \$2,000 for the summer, plus up to \$1,100 toward room and board and travel to and from the host institution. The faculty mentor may receive \$500 to cover the cost of the student's research. The host institutions provide funding for students to attend the annual SROP conference.

Deadline: Applications, complete with transcript and two letters of recommendation, are due January 28, 2001.

Application information: CIC Summer Research Opportunity Program (Attn: Anne Price, CIC secretary), 302 East John St., Suite 1705, Champaign, IL 61820-5698; tel: 800-457-4420; fax: 217-244-7127; e-mail: aeprice@uiuc.edu. Also see the Web site <http://www.cic.uiuc.edu/>.

Florida Education Fund

The McKnight Doctoral Fellowship Program

Description: A McKnight Doctoral Fellowship provides funds for up to twenty-five African American citizens to pursue Ph.D. degrees at participating Florida universities. Contingent upon successful academic progress, the maximum length of the award is five years. The Florida Education Fund provides the first three years, and the student's university continues funding at the same level of support for an additional two years.

Eligibility: Applicants must hold or be receiving a bachelor's degree from a regionally accredited college or university.

Grant amount: Up to \$5,000 in tuition and fees plus an annual stipend of \$11,000.

Deadline: The deadline for applications for fall 2001 is January 15, 2001.

Application information: Detailed information and application packets can be obtained by writing or calling: The Florida Education Fund, 201 E. Kennedy Boulevard, Suite #1525, Tampa, FL 33602; 813-272-2772; or mdf@fl-educ-fd.org; or visit our Web site at: <http://www.fl-educ-fd.org/>.

Georgia Institute of Technology

President's Fellowships

Description: These stipends are awarded to a selected number of highly qualified U.S. nationals who intend to pursue doctoral degrees. The fellowships are intended to supplement other forms of support and can be extended for three additional years based on academic performance and research potential.

Eligibility: The awards are highly competitive; selection is based on academic criteria and evidence of scholarship. Participants are expected to maintain high academic standing.

Grant amount: \$5,500 for twelve months.

Graduate Research/Teaching Assistantships

Eligibility: Appointments are based primarily on scholarship and ability to contribute to ongoing programs of the college.

Assistantship amount: \$16,872 per twelve months, plus waiver of most tuition and fees.

Application information: Prospective students should write to the Ph.D. Coordinator, College of Computing, Georgia Institute of Technology, Atlanta, GA 30332-0280; or e-mail to phd-info@cc.gatech.edu. For additional information: <http://www.cc.gatech.edu/>.

Fannie and John Hertz Foundation Fellowships

Description: For the support of personal and institutional expenses during graduate education directed toward the

Ph.D. degree in applied physical sciences. Tenable at the Department of Applied Science of the Davis Campus and at all campuses of the University of California; California Institute of Technology; Carnegie-Mellon University; The University of Chicago; Cornell University; Courant Institute of Mathematical Sciences, New York University; Georgia Institute of Technology; Harvard University; Johns Hopkins University; University of Illinois at Urbana-Champaign; Massachusetts Institute of Technology; University of Minnesota; Polytechnic Institute of New York; Princeton University; Purdue University; Rensselaer Polytechnic Institute; Rice University; University of Rochester; Stanford University; University of Texas at Austin; Texas A&M University; Vanderbilt University; University of Michigan, Ann Arbor; University of Washington, Seattle; University of Wisconsin, Madison; and Yale University.

Eligibility: Offered on the basis of academic (A-undergraduate GPA), research performance, recommendations, and a personal technical interview.

Fellowship amount: The stipend is \$25,000, plus a cost-of-education allowance which is accepted at all of the tenable schools in lieu of fees and tuition per nine-month year.

Deadline: This year's application deadline is November 5, 2000.

Application information: Applicants should write to the Office of the Graduate Dean at these institutions or write directly to the Hertz Foundation, Box 5032, Livermore, CA 94551-5032. (Web: <http://www.hertzfoundation.org/>)

National Science Foundation

Graduate Research Fellowships

Description: Three-year awards available to U.S. citizens or nationals, or permanent resident aliens of the U.S. Fellowships are awarded for graduate study leading to research-based master's or doctoral degree in the fields of science, mathematics, and engineering supported by the NSF. Women in Engineering and Computer and Information Science: Additional awards will be offered to encourage women to undertake graduate study in engineering and computer and information science.

Eligibility: Awards made only to students who have completed no more than twenty semester-hours or thirty quarter-hours of graduate study in science or engineering.

Grant amount: \$15,200 stipend for twelve-month tenure. A one-time research travel allowance of \$1,000. No dependency allowances. A cost-of-education allowance of \$10,500 is paid to the fellowship institution.

Deadline: Application deadline is early November.

Application information: Apply to NSF Graduate Research Fellowship Program, Oak Ridge Associated Universities, P. O. Box 3010, Oak Ridge, TN 37831-3010; tel. 423-241-4300; fax: 423-241-4513; e-mail: nsfgrfp@orau.gov.

State of California

Graduate Assumption Program of Loans for Education

Eligibility: Residents of California who attend accredited graduate or professional schools located in California with the intent to become college or university faculty members in California.

Assumption benefits: Can assume student loans of up to \$6,000.

Priority filing date: June 30, 2000.

Application information: California Student Aid Commission, P. O. Box 419029, Rancho Cordova, CA 95741-9029; phone: 916-526-7599; e-mail: custsvcs@csac.ca.gov.

Zonta International Foundation

Amelia Earhart Fellowship Awards

Description: Established in honor of Amelia Earhart, Zonta member from 1928-1937, the fellowships recognize excellence and encourage and support women in aerospace-related science and engineering.

Eligibility: To qualify for the fellowship, a woman must have by the time of her application: a bachelor's degree in a qualifying area of science or engineering which is closely related to advanced studies in the aerospace-related sciences; a superior academic record and evidence of potential at a recognized institution of higher learning as demonstrated by transcripts, recommendations, and acceptance or verification by an institution of higher learning with accredited courses in aerospace-related studies; and completion of one year of graduate school at a well-recognized institution of higher learning or evidence of a well-defined research and development program as demonstrated by publications or a senior research project.

Grant amount: Thirty-three to thirty-five \$6,000 grants to women for graduate study in aerospace-related science or engineering are awarded annually.

Deadline: Application forms must be received by November 15, 2000.

Application information: Announcements of awards will be made by May 15, 2001. For more information: Zonta International, ATTN: Ana Ubides, 557 W. Randolph St., Chicago, IL 60661-2206; 312-930-5848; fax: 312-930-0951.

Postdoctoral Support

Air Force Office of Scientific Research

Research Contracts and Grants

Description: Mathematicians and computer scientists are encouraged to submit proposals for research support through their organizations. Research areas include mathematics of dynamics and control, physical mathematics and applied analysis, computational mathematics,

optimization and discrete mathematics, signal processing, probability and statistics, software and systems, intelligent software agents, and electromagnetics.

Application information: Research proposals should be forwarded to the Mathematics and Space Sciences Directorate, Air Force Office of Scientific Research (AFOSR NM), 801 N. Randolph Street, Room 732, Arlington, VA 22203-1977.

American Association of University Women (AAUW) Educational Foundation

American Fellowships

Application information: See the listing in the "Graduate Support" section for information.

American Mathematical Society Centennial Fellowships

Postdoctoral Fellowships

Description: The AMS Centennial Fellowship program makes awards annually to outstanding mathematicians to help further their careers in research. 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. Because of the generosity of the AMS membership, it has been possible to award four to five fellowships a year for the past six years.

Eligibility: Applicants: (1) must be citizens or permanent residents of a country in North America, (2) must have held their doctoral degrees for at least two years at the time of the award, (3) must not have permanent tenure, and (4) must have held less than two years of research support at the time of the award. (Each year of a full-time teaching appointment with teaching load less than four (respectively, five) courses per year on the semester (respectively, quarter) system will count in this respect as one half a year of research support.) Recipients may not hold the Centennial Fellowship concurrently with other research fellowships (e.g., Sloan Foundation Fellowships or National Science Foundation Postdoctoral Fellowships), they may not use the stipend solely to reduce teaching at the home institution, and they are expected to spend some of the fellowship period at another institution which has a stimulating research environment suited to the candidates' research development. Applications should include a short research plan describing both an outline of the research to be pursued and a program for using the fellowship, including institutions at which it will be used and reasons for the choices. The selection committee will base its decision on the research potential of the applicant based upon track record, letters of recommendation, and on the quality and feasibility of the research plan.

Grant amount: The stipend for fellowships awarded for 2001-2002 is expected to be approximately \$39,000, with an additional expense allowance of about \$1,600. Acceptance of the fellowship cannot be postponed. A fellowship holder may use the stipend as full support for

a year or may combine it with half-time teaching and use it as half support over a two-year period.

Deadline: The deadline for receipt of applications is December 1, 2000. Awards will be announced in February 2001 or earlier if possible.

Application information: For application forms, write to the Executive Director, American Mathematical Society, P. O. Box 6248, Providence, RI 02940-6248; 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/>. *Please note that completed applications and references should not be sent to the AMS, but to the address given on the forms.*

American Philosophical Society

Description: Postdoctoral research grants to aid specific research projects. The purpose of the program is to connect scholars with the objects of their research. Tenable abroad and in the U.S. The Committee on Research meets in January.

Eligibility: For candidates with Ph.D. for at least one year.

Grant amount: Up to \$6,000 for one year, up to \$12,000 for two years (averaging \$2,000). Grants contribute toward travel expenses, food and lodging, and photoduplication. No funds are available for attending conferences or consulting with colleagues.

Deadline: October 1.

Application information: For application forms please consult the Web site at <http://www.amphilsoc.org/>. If electronic access is denied, briefly describe your project and proposed budget in a letter to: Committee on Research, American Philosophical Society, 104 South Fifth Street, Philadelphia, PA 19106. Include self-addressed mailing label.

California Institute of Technology

Harry Bateman Research Instructorships

Description: Offered by The division of Physics, Mathematics, and Astronomy at the California Institute of Technology. Appointments are for one year and are renewable for one additional year.

Eligibility: Open to persons who have recently received their doctorate in mathematics.

Grant amount: The annual salary for academic year 2001-02 is \$46,600. Duties include teaching one course for the full academic year.

Deadline: January 1, 2001.

Application information: Please send applications to Instructorship Search Committee, 253-37 Sloan Laboratory, Pasadena, CA 91125. Include c.v. and a statement of anticipated research. The candidate is requested to ensure that at least three letters of recommendation are sent to Caltech. To avoid duplication of paperwork, your application may also be considered for an Olga Taussky and John Todd Instructorship. Caltech is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.

California Institute of Technology

Olga Taussky and John Todd Instructorships in Mathematics

Description: Initial appointments are for two years, with a one-year terminal extension expected. There are three terms in the Caltech academic year, and instructors are expected to teach one course in all but two terms of the total appointment.

Eligibility: Offered to recent Ph.D. recipients who show strong research promise in one of the areas in which Caltech's mathematics faculty is currently active.

Grant amount: The annual salary for 2001-02 is \$49,600 per year plus a \$2,000 per year research fund.

Deadline: January 1, 2001.

Application information: Apply to the Instructorship Search Committee, 253-37 Sloan Laboratory, Pasadena, CA 91125. Include c.v. and a statement of anticipated research. The candidate is requested to ensure that at least three letters of recommendation are sent directly to Caltech. To avoid duplication of paperwork, your application may also be considered for a Harry Bate-man Research Instructorship. Caltech is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.

Centre de Recerca Matemàtica, Barcelona

Description: The Centre de Recerca Matemàtica, Barcelona, offers two postdoctoral fellowships for the academic year 2001-02. Fellowships are for eleven months, unextendable. Successful candidates will be able to take up their fellowships between October 1, 2001, and January 1, 2002.

Eligibility: Applicants should have a Ph.D. in mathematics obtained after December 31, 1998.

Grant amount: The amount of the fellowship is 1,200 euros per month. Travel expenses to Barcelona will be paid. The fellow will be provided with medical and accident insurance.

Deadline: All applications arriving at the CRM before January 20, 2001, will be considered.

Resolution: The scientific committee will meet on February 10, 2001.

Application information: Application form and documents to be sent to the Centre de Recerca Matemàtica are available in the web site <http://www.crm.es/>.

Dartmouth College

John Wesley Young Research Instructorships

Description: Two instructorships are normally awarded by Dartmouth College each year. Teaching duties are one course for two quarters and two courses for one quarter (or two courses for two quarters) and are of a varied and nonroutine nature. Appointments are for two years and are not renewable.

Grant amount: The academic-year salary of \$42,000 is supplemented by a two-month resident research stipend of \$9,332, for a total of \$51,333.

Deadline: Applicants are advised to apply promptly and no later than January 5, 2001.

Application information: Applicants should write to Department of Mathematics, Dartmouth College, Hanover, NH 03755-3551 (Attention: Recruiting).

John Simon Guggenheim Memorial Foundation Fellowships

Description: Fellowships are on an advanced professional level. Approximately 215 awards are made.

Eligibility: U.S. or Canadian citizenship or permanent residence is required. Fellowships are also offered to citizens or permanent residents of Latin America and the Caribbean.

Grant amount: Approximately \$33,000 in 1999.

Deadline: Application deadline: October 1 for the U.S. and Canada competition, December 1 for the Latin American and Caribbean competition.

Application information: For more information write to John Simon Guggenheim Memorial Foundation, 90 Park Avenue, New York, NY 10016. Telephone: 212-687-4470; fax: 212-697-3248; e-mail: fellowships@gf.org; World Wide Web: <http://www.gf.org/>.

IBM T. J. Watson Research Center

Herman Goldstine Postdoctoral Fellowship in Mathematical Sciences

Description: This fellowship provides scientists of outstanding ability an opportunity to advance their scholarship as resident members of the Mathematical Sciences Department of the IBM T. J. Watson Research Center. The department provides an atmosphere in which basic research is combined with experience on technical problems arising in industry. Close interaction with permanent department members is expected, but fellows will be free to pursue their own research interests. The fellowship has a period of one year and may be extended by another year on mutual agreement. One fellowship will be awarded yearly.

Eligibility: Each candidate must have completed a doctorate prior to the commencement of the fellowship, but no more than five years prior.

Grant amount: The stipend will be at least \$70,000, with the exact amount depending on the experience of the fellowship recipient. In addition, there will be an allowance for moving expenses.

Deadline: January 10, 2001.

Application information: To apply, submit the following: résumé, including thesis summary; transcript(s) of graduate-level coursework; reprints of publications based on thesis and other research; a research proposal; and visa status. Indicate where you first learned about the fellowship. Applicants are responsible for requesting that three or more letters of reference, including one from the thesis advisor, arrive before the January 10 deadline. Direct all material to Herman Goldstine Fellowship Committee, Department of Mathematical Sciences, Room 31-210, IBM Research Division, T. J. Watson Research Center, P. O. Box 218, Yorktown Heights, NY 10598.

Institute for Advanced Study Memberships

Description: The School of Mathematics will grant a limited number of memberships, some with financial support, for research in mathematics at the Institute during the academic year 2001-02.

Eligibility: Candidates must give evidence of ability in research comparable at least with that expected for the Ph.D. degree.

Deadline: December 1, 2000.

Application information: Application blanks may be obtained from The School of Mathematics, Institute for Advanced Study, Princeton, NJ 08540, and should be returned (whether or not funds are expected from some other source) by December 1. Forms may also be downloaded but not submitted via Web connection at <http://www.math.ias.edu/>. An Equal Opportunity/Affirmative Action Employer.

Institute for Mathematics and its Applications (IMA)

Postdoctoral Memberships

Senior Visiting Memberships

Mathematics in the Geosciences

Description: The IMA announces two-year postdoctoral research memberships. The postdoctoral terms will include the academic-year program on "Mathematics in the Geosciences 2001-02" and the second year of the appointment will provide a variety of options to enhance career development, including participation in the 2002-03 annual program on "Optimization".

Eligibility: All requirements for a doctorate should be completed by September 1, 2001. Applicants must show evidence of mathematical excellence, but they do not need to be a specialist in the field. The following materials must be submitted: (1) personal statement of scientific interest, research plans, and reasons for wishing to participate in the "Mathematics in the Geosciences" program (this is an essential part of the application); (2) curriculum vitae and a list of publications; (3) three letters of recommendation, to be sent directly to the IMA; (4) the official IMA application form located at <http://www.ima.umn.edu/docs/genapp.html>. **Senior memberships are also available.** Preference will be given to supplementary support for persons with sabbatical leaves, fellowships, or other stipends.

Deadline: All material should arrive by January 15, 2001.

Application information: All correspondence should be sent to: Visiting Membership Committee, Institute for Mathematics and its Applications, University of Minnesota, 400 Lind Hall, 207 Church Street SE, Minneapolis, MN 55455-0436. The University of Minnesota is an Equal Opportunity Educator and Employer. See Web site <http://www.ima.umn.edu/>.

Institute for Mathematics and its Applications (IMA)

Postdoctorates in Industrial Mathematics

Description: The IMA announces two-year positions in industrial mathematics effective September 1, 2001. These appointments are in addition to the regular IMA 2001-02 postdoctoral program "Mathematics in the Geosciences" and are funded jointly by NSF and industry. They are designed to prepare mathematicians for research careers involving industrial interaction.

Eligibility: Applicants should have received their Ph.D. in mathematics, applied mathematics, or statistics by September 1, 2001. Postdoctorates will spend 50% effort in the IMA program and 50% effort working with scientists from industry. The following materials must be submitted: (1) personal statement of scientific interests, research plans, and reasons for wishing to participate in the Industrial Mathematics program (this is an essential part of the application); (2) curriculum vitae and a list of publications; (3) three letters of recommendation, to be sent directly to the IMA; (4) the official IMA application form located at <http://www.ima.umn.edu/docs/genapp.html>.

Deadline: All material should arrive by January 15, 2001.

Application information: All correspondence should be sent to: Industrial Mathematics Postdoctorate Membership Committee, Institute for Mathematics and its Applications, University of Minnesota, 400 Lind Hall, 207 Church Street SE, Minneapolis, MN 55455-0436. The University of Minnesota is an Equal Opportunity Educator and Employer. See Web site <http://www.ima.umn.edu/>.

Los Alamos National Laboratory

Postdoctoral Appointments

Description: Research opportunities are granted in many areas of chemistry, mathematics, computer science, materials science, biological sciences, environmental science, geoscience, and many engineering fields. Appointments are available for two years, subject to renewal for a third year. A postdoctoral committee meets to review candidates for postdoctoral appointments in February, May, August, and December.

Eligibility: Candidates must be recipients of a doctoral degree within the past three years.

Grant amount: Starting salary: \$51,800-\$55,800.

Application information: Los Alamos National Laboratory is an Equal Opportunity Employer. For more information: e-mail: postdoc-info@lanl.gov; phone: 505-667-0872; fax: 505-665-4562; see details at: <http://www.hr.lanl.gov/postdoc/>.

Los Alamos National Laboratory

J. Robert Oppenheimer, Richard P. Feynman, and Frederick Reines Fellowships

Description: Research opportunities are granted in many areas of chemistry, mathematics, computer science, materials science, biological sciences, environmental science, geoscience, and many engineering fields. Appointments are for three years.

Eligibility: Candidates must be recipients of a doctoral degree within the past five years and must show clear and definite promise of becoming outstanding leaders in scientific research.

Grant amount: Starting salary: \$79,400.

Deadline: Application deadline: mid-November each year.

Application information: Los Alamos National Laboratory is an Equal Opportunity Employer. For initial consideration send résumé with publication listing to Postdoctoral Program Office, Mail Stop P-290, Los Alamos National Laboratory, Los Alamos, NM 87545; for further details see: <http://www.hr.lanl.gov/postdoc/>.

Massachusetts Institute of Technology

C. L. E. Moore Instructorships in Mathematics

Description: Offered by the Department of Mathematics at the Massachusetts Institute of Technology. The teaching load is six hours per week in one semester and three hours per week in the other. Appointments are for one year and are renewable for two additional years.

Eligibility: Open to mathematicians with doctorates who show definite promise in research. Applicants please send (a) a vita, (b) a description of the research in your thesis and other work you have done (1-3 pages), and (c) the research which you plan for next year.

Deadline: End of December.

Application information: Application should be sent to the Pure Mathematics Committee, Department of Mathematics, Room 2-263, Massachusetts Institute of Technology, Cambridge, MA 02139-4307. M.I.T. is an Equal Opportunity Employer.

Mathematical Sciences Research Institute (MSRI)

Hewlett-Packard and Microsoft Research Postdoctoral Grants

Description: The Mathematical Sciences Research Institute announces the availability of several postdoctoral fellowships combined with internships at Hewlett-Packard Laboratories (HPL) in Palo Alto, California, and with Microsoft Research (MSR) in Redmond, Washington. HP Labs and Microsoft Research pursue a wide range of mathematical work. Because of the variety of work done at these facilities, no particular fields of mathematics have been specified. However, an essential prerequisite is a strong interest in the applications of mathematics as well as in the research environment at MSRI. **HPL postdocs** will join an active research group at the HP Labs for two months prior to the start of their time at MSRI and will consult three days a month with that group during their tenure at MSRI. Two further months at HP Labs at the end of their time at MSRI is possible. HPL postdocs receive compensation for their work at HP Labs in addition to the standard MSRI Postdoctoral Fellowship. **MSR postdoctoral fellowships** are normally a two-year award, with the recipient spending one year at MSRI and the second year at Microsoft Research.

Eligibility: For new and recent Ph.D.'s (Ph.D. earned in 1996 or later). Applicants should apply through the usual

process for MSRI Postdoctoral Fellowships, indicating their interest in these internship/fellowships and adding relevant documentation. Applications indicating interest in the internship program will be reviewed by Hewlett-Packard and/or Microsoft Research as well as by MSRI.

Deadline: Files must be complete by November 27, 2000.

Application information: Application forms can be obtained from <http://www.msri.org/> or by writing to MSRI, 1000 Centennial Dr., #5070, Berkeley, CA 94720-5070.

Mathematical Sciences Research Institute (MSRI)

Postdoctoral Fellowships

Description: The Institute will award about eighteen postdoctoral fellowships during 2001-02. The year 2001-02 features four half-year programs: *Integral Geometry and Inverse Problems* during fall 2001, and *Infinite Dimensional Algebras & Mathematical Physics and Algebraic Stacks, Intersection Theory & Non-Abelian Hodge Theory* during spring 2002. Some awards will be made in other areas, so applications from candidates in all fields are welcome.

Eligibility: For new and recent Ph.D.'s (Ph.D. earned in 1996 or later).

Grant amount: The stipend will be \$3,500/month.

Deadline: Files must be complete by November 27, 2000.

Application information: Application forms can be obtained from <http://www.msri.org/> or by writing to MSRI, 1000 Centennial Dr., #5070, Berkeley, CA 94720-5070.

Mathematical Sciences Research Institute (MSRI)

Research Professorships

Description: The Institute will award about six research professorships during 2001-02. The year 2001-02 features four half-year programs: *Integral Geometry and Inverse Problems* during fall 2001, and *Infinite Dimensional Algebras & Mathematical Physics and Algebraic Stacks, Intersection Theory & Non-Abelian Hodge Theory* during spring 2002. Some awards will be made in other areas, so applications from candidates in all fields are welcome.

Eligibility: For midcareer mathematicians (Ph.D. earned in 1995 or earlier).

Grant amount: The stipend will be limited to a ceiling of \$50,000 and normally will not exceed half the applicant's salary.

Deadline: Files must be complete by September 25, 2000.

Application information: Application forms can be obtained from <http://www.msri.org/> or by writing to MSRI, 1000 Centennial Dr., #5070, Berkeley, CA 94720-5070.

The Michigan Society of Fellows

*Horace H. Rackham School of Graduate Studies,
The University of Michigan*

Description: The Michigan Society of Fellows was founded in 1970 through grants from the Ford Foundation and Horace H. Rackham Graduate School for the purpose of promoting academic and creative excellence in the arts, sciences, and professions. The objective of the program is to support individuals selected for outstanding achievement, professional promise, and interdisciplinary interests. We invite applications from qualified candidates for three-year postdoctoral fellowships at the University of Michigan. Fellows are appointed as assistant professors/postdoctoral scholars with departmental affiliations. They spend the equivalent of one academic year teaching; the balance of time is devoted to their own scholarly research and creative work. Applications will be screened by faculty in relevant University of Michigan departments. Final selections will be made by the senior Fellows of the Society. New Fellows will be selected for three-year terms beginning September 2001.

Eligibility: Candidates must have received the Ph.D. degree between June 1, 1998, and September 1, 2001.

Grant amount: The annual stipend will be \$40,000.

Deadline: Completed applications are due October 6, 2000.

Application information: Please see the application on our Web site or send requests for application materials to: Michigan Society of Fellows, 3030 Rackham Building, University of Michigan, 915 E. Washington St., Ann Arbor, MI 48109-1070; 734-763-1259; e-mail: society.of.fellows@umich.edu; <http://www.rackham.umich.edu/Faculty/society.html>.

Michigan State University

MSU Postdoctoral Instructorships

Description: Several three-year positions will be available beginning fall 2001 for new or recent Ph.D.'s who show strong promise in research and teaching. The teaching load is four semester courses per year, and participation in the research activities of the department is expected.

Grant amount: A starting salary of \$38,000 per year. Additional income from summer teaching is usually available if desired.

Deadline: Completed applications (including letters of recommendation) received by November 17, 2000, are assured of consideration.

Application information: An applicant should send a vita as well as a brief statement of research interests and arrange for at least four letters of recommendation to be sent, one of which must specifically comment on the applicant's ability to teach. Application via e-mail is strongly encouraged. To receive an electronic application and information, send an e-mail to: jobs@math.msu.edu with the message "send application-info". Application materials can also be mailed to The Hiring Committee, Department of Mathematics, Michigan State University, East Lansing, MI 48824-1027. Application should be made as soon as possible. Women and minorities are strongly

encouraged to apply. MSU is an Affirmative Action/Equal Opportunity Institution.

National Center for Atmospheric Research

Advanced Study Program

Description: Postdoctoral fellowships are offered for highly qualified atmospheric scientists and scientists from related disciplines who wish to continue basic research in the atmospheric sciences. Appointments are for a one-year period with a possible extension for an additional year.

Eligibility: For recent recipients of the Ph.D.

Grant amount: Stipends are \$37,000 and are adjusted annually in June.

Deadline: The application deadline is January 5, 2001.

Application information: Contact: 303-497-1601; e-mail: barbm@ucar.edu; or Barbara Hansford, NCAR, ASP, P. O. Box 3000, Boulder, CO 80307-3000; fax: 303-497-1646.

National Science Foundation

Mathematical Sciences Postdoctoral Research Fellowships (with Research Instructorship Option)

Description: The format of the 2001 Fellowship program has not been changed from that of 2000. The stipend portion of the awards will consist of support for eighteen academic-year months or their equivalent and six summer months. Awardees have two options for academic year stipends, subject to the constraints that their academic-year support begin by October 1 of the award year and be configured in intervals no shorter than three consecutive months. An awardee may have full-time support for any eighteen academic-year months in a three-year period (the Research Fellowship Option) or have a combination of full-time and half-time support over a period of three academic years, usually as one academic year full-time and two academic years half-time (the Research Instructorship Option). Summer month stipends are limited to two per calendar year.

Grant amount: Stipend amounts are \$3,250 per full-time month and \$1,625 per half-time month, plus institutional and special allowances, for a total award of \$90,000 to be used within 48 months.

Deadline: Deadline for applications is October 17, 2000; applicants will be notified of decisions on or about March 1, 2001.

Application information: For further details write to the Mathematical Sciences Infrastructure Program, Division of Mathematical Sciences, Room 1025, National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230; call 703-306-1870; send an inquiry to e-mail: msprf@nsf.gov or under "Postdoctoral Fellowships" at <http://www.fastlane.nsf.gov/>.

National Security Agency

Sabbatical Program

Description: The National Security Agency (NSA) has a program supporting sabbaticals for academic math-

ematical scientists to visit NSA, usually from 9 to 24 months.

Eligibility: American citizenship for the applicant and all immediate family members is required. Because a complete background investigation is required, applications should be submitted as soon as possible.

Grant amount: (Compensation) A supplement to the university's stipend to bring the visitor's salary up to his or her regular monthly salary and a choice of either an allowance for moving expenses or a housing supplement.

Application information: For further information on the sabbatical program, contact: Dr. Charles F. Osgood, Director, Mathematical Sciences Program, National Security Agency, ATTN: R51A, Suite 6557, Ft. George G. Meade, MD 20755-6557; telephone: 301-688-0400; e-mail: msp@math.umbc.edu.

National Security Agency

Grants Program

Description: Standard research proposals designed principally to provide summer salary for professors and limited support for their graduate students in areas of interest listed below. The National Security Agency (NSA) awards grants to universities in support of self-directed research in the following areas of the mathematical sciences (including possible computational aspects): algebra, number theory, discrete mathematics, probability, and statistics. The NSA also accepts proposals for small grants for conferences, workshops, and special academic endeavors.

Deadline: October 15 each year for all grant and conference proposals. Grants awarded from this funding can expect to incur expenses in the fall of the following year.

Application information: For further information about the program, please call 301-688-0400. All correspondence should be addressed to Dr. Charles F. Osgood, Director, Mathematical Sciences Program, National Science Agency, ATTN: R51A, Suite 6557, Ft. George G. Meade, MD 20755-6557. Queries can also be made by e-mail to msp@math.umbc.edu.

Office of Naval Research

Description: Supports research over a wide range of areas including applied analysis, numerical analysis, operations research, software research, scientific visualization, statistics, and probability.

Application information: Information regarding proposal submission can be found at <http://www.onr.navy.mil/> or http://www.onr.navy.mil/sci_tech/information/.

Rice University

Griffith Conrad Evans Instructorships

Description: Postdoctoral appointments for two to three years for promising research mathematicians with research interests in common with the active research areas at Rice. Rice University encourages applications from women and minority group members.

Deadline: Applications received by December 31, 2000, will receive thorough consideration.

Application information: Inquiries and applications should be addressed to Chairman, Evans Committee, Department of Mathematics, Rice University, 6100 Main St.-MS 136, Houston, TX 77005.

Sloan Foundation

Research Fellowships

Description: Unrestricted grants made to selected university scientists in the physical sciences, mathematics, applied mathematics, computer science, economics, and neuroscience. Candidates do not apply, but are nominated by their department chairmen or other scientists.

Eligibility: Candidates must be members of the regular (i.e., tenure-track) faculty, though not necessarily in a tenured position, at a recognized college or university in the United States or Canada.

Deadline: Nominations are due by September 15 for awards to begin the following September.

Application information: For information write to the Sloan Research Fellowships, Alfred P. Sloan Foundation, Suite 2550, 630 Fifth Avenue, New York, NY 10111; e-mail: gassman@sloan.org; <http://www.sloan.org/>.

University of Georgia

Description: Two postdoctoral positions with the title part-time instructor postdoctoral associate, offered by the Department of Mathematics beginning in the 2001-02 academic year. The positions are for two years, with a possibility of renewal for a third year. The department especially encourages applications from women and minorities. Duties consist of teaching three courses per year and conducting original research. Applicants are encouraged to identify a member of the current faculty with whom they would like to work.

Eligibility: Applicants must exhibit potential for significant research and the skills necessary to be an excellent teacher.

Deadline: To receive full consideration, applications must be received by December 1, 2000.

Application information: To apply, send a vita with a list of publications and four letters of recommendation to: Chair, Search Committee, Department of Mathematics, University of Georgia, Athens, GA 30602. Inquiries may be sent via e-mail to search@math.uga.edu. The University of Georgia is an Equal Opportunity/Affirmative Action Employer.

University of Illinois at Urbana-Champaign

J. L. Doob Research Assistant Professor

Description: The Department of Mathematics of the University of Illinois at Urbana-Champaign is soliciting applications for postdoctoral positions. Three appointments will be made starting August 21, 2000; each appointment is for three years and is not renewable. The Department of Mathematics will provide an excellent

scientific environment to pursue research in pure and applied mathematics.

Eligibility: These positions are for recent Ph.D. recipients (with a strong preference for those not more than one year past the Ph.D. degree).

Grant amount: The position carried a salary of \$41,000 in 1999-2000.

Deadline: See Web page for deadline: <http://www.math.uiuc.edu/>.

Application information: Applications should include a curriculum vitae and a brief statement of research interests and activities. The use of the AMS Cover Sheet will be appreciated. Applications should be sent by regular mail to the Postdoctoral Search Committee, Department of Mathematics, University of Illinois at Urbana-Champaign, 1409 W. Green St., Urbana, Illinois 61801-2975. Applicants should arrange for at least three letters of recommendation to be sent to the same address. For more information, visit our Web page at <http://www.math.uiuc.edu/>. Inquiries may be sent to postdocs@math.uiuc.edu. The University of Illinois is an Affirmative Action/Equal Opportunity Employer. Women and minorities are strongly encouraged to apply.

University of Michigan, Ann Arbor

Assistant Professorships, VIGRE Assistant Professorships, and T. H. Hildebrandt Research Assistant Professorships

Description: These positions for up to three years are designed to provide mathematicians with favorable circumstances for academic career development in research and teaching. Assistant Professorships have a teaching responsibility of two courses per semester; the VIGRE and T. H. Hildebrandt positions have a responsibility of one course per semester. These positions may be combined with other postdoctoral fellowships, giving additional reductions in teaching responsibility.

Eligibility: Preference is given to candidates who receive the Ph.D. degree in 1999 or later and who submit a completed application by December 18, 2000.

Grant amount: Salary is competitive, and there are opportunities for supplemental summer salary.

Application information: Application forms and further important information are available at <http://www.math.lsa.umich.edu/information/positions.html>, by e-mail at math.chair@math.lsa.umich.edu, or by mail to: Hiring Committee, Department of Mathematics, University of Michigan, 2074 East Hall, 525 E. University, Ann Arbor, MI 48109-1109.

University of Utah

Instructorship in Mathematics

Description: *Instructorship in Mathematics.* One or more nonrenewable three-year instructorship(s). Teaching duties for the entire three-year instructorship are 9 one-semester courses. Availability of positions is contingent upon funding. The hiring committee will select candidates based on excellence in teaching and research.

Eligibility: Persons of any age receiving Ph.D. degrees in 2000 or 2001 are eligible.

Grant amount: Starting salary will be \$41,600. Increases are given annually, but amounts vary from year to year.

Deadline: Applications should be completed by December 1, 2000. Review of applications will begin on December 8, 2000. However, applications may be accepted until all positions are filled.

Application information: To apply for any of these positions, you are strongly encouraged to fill out an application at <http://www.math.utah.edu/pos/>. Alternatively, you may send the AMS Cover Sheet. To complete your application, send a curriculum vitae, bibliography, and three letters of recommendation. Incomplete files will not be considered. Please send this information to: Committee on Staffing, Department of Mathematics, University of Utah, 155 S. 1400 E. JWB 233, Salt Lake City, UT 84112. The University of Utah is an Equal Opportunity/Affirmative Action Employer and encourages applications from women and minorities and provides reasonable accommodation to the known disabilities of applicants and employees.

University of Wisconsin-Madison

Van Vleck Assistant Professorship

Description: The Department of Mathematics invites applications for possible Van Vleck assistant professorships to begin on August 27, 2001. Appointments are for a fixed term of two or three years. The usual teaching load is two courses per semester.

Eligibility: Ordinarily only those applicants who have received their doctorates since 1998 will be considered. Promise of excellence in research and teaching is important. Preference will be given to candidates who are likely to interact well with other members of the department.

Deadline: The application deadline is December 15, 2000, although applications will continue to be considered until all available positions are filled.

Application information: Applicants should send a completed AMS Standard Cover Sheet, a curriculum vitae which includes a publication list, and a brief statement of research plans to: Hiring Committee, Dept. of Mathematics, Van Vleck Hall, University of Wisconsin-Madison, 480 Lincoln Drive, Madison, WI 53706-1388. Applicants should also arrange to have three or four letters of recommendation sent to the above address. At least one of these letters must discuss the applicant's teaching experience and capabilities. Other evidence of good teaching will be helpful. The University of Wisconsin is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and minorities.

Note: The department also expects to have available one or more VIGRE Van Vleck assistant professorships, partially funded by an NSF VIGRE grant, with a reduced teaching load; only U.S. citizens and permanent residents are eligible for these.

Washington University

William Chauvenet Assistant Professorship

Description: The Chauvenet Instructorship is a two-year, non-tenure-track faculty appointment beginning August 2000, with a possibility of renewal for a third year. The teaching load consists of three courses per year, two in one semester and one in the other semester. The teaching assignment normally includes introductory courses for undergraduates as well as specialized graduate courses.

Eligibility: To be eligible for a fall 2000 appointment, a candidate must complete all requirements for the Ph.D. by September 2000. Those receiving the Ph.D. prior to 1996 and those currently holding tenure-track faculty positions are ineligible to apply. The applicant's research interests should mesh with those of one or more of our permanent faculty. Current research interests of our faculty include: algebraic geometry, commutative algebra, complex geometry, foliations, functional analysis, harmonic analysis, low-dimensional topology, mathematical biology, operator theory, partial differential equations, probability and statistics, real and complex analysis, representation theory, Riemannian geometry, and wavelets.

Deadline: We will begin reviewing applications on December 1, 1999, and continue reviewing applications until all positions are filled.

Application information: Applicants should submit a curriculum vitae, thesis abstract, statement of research plans and interests, and should arrange for four letters of recommendation. At least one of these letters should address the candidate's teaching ability. Application materials and inquiries should be sent to the Chauvenet Search Committee, Department of Mathematics, Washington University in Saint Louis, Campus Box 1146, One Brookings Drive, St. Louis, MO 63130-4899. Candidates may address e-mail inquiries to terri@math.wustl.edu. Washington University is an Affirmative Action/Equal Opportunity Employer and specifically invites and encourages women and minorities to apply.

Yale University

Josiah Willard Gibbs Instructorships/Assistant Professorships

Description: Offered to men and women with the doctorate who show definite promise in research in pure mathematics. Applications from women and members of minority groups are welcome. Appointments are for two/three years. The teaching load is kept light to allow ample time for research. This will consist of 3 one-semester courses. Part of the teaching duties over the term of the appointment may consist of a one-semester course at the graduate level in the general area of the instructor's research. American citizens and U.S. residents will automatically be considered for special Gibbs Instructorships that are supported by an NSF VIGRE grant. These appointments are for three years and have a reduced teaching load.

Grant amount: The 2001-2002 salary will be at least \$47,000.

Deadline: January 1, 2001.

Application information: Inquiries and applications should be addressed to the Gibbs Committee, Department of Mathematics, Yale University, Box 208283, New Haven, CT 06520-8283. Yale University is an Affirmative Action/Equal Opportunity Employer.

Travel and Study Abroad

Alexander von Humboldt Foundation

Research Fellowships

Description: The Humboldt Foundation grants 500 Humboldt Research Fellowships annually to highly qualified scholars holding doctorates under the age of 40, enabling them to undertake long-term periods of research (6-12 months) in the Federal Republic of Germany. Applications are decided upon by a Selection Committee, which is composed of eminent German scholars from all disciplines. Candidates' academic attainments are the only criterion for selection; there are no limitations in respect of specific countries or subjects.

Eligibility: Application requirements include high academic qualifications, academic publications, a specific research plan, and for humanities scholars a good command of the German language.

Grant amount: Monthly stipends range from D.M. 3,600-D.M. 4,400 net. Family allowances, travel expenses, and language courses are covered by the fellowship.

Deadline: Applications may be submitted at any time; however, the actual selection committees meet in March, July, and November. Applications should be submitted 5 months before the meeting at which the candidate wishes to be considered.

Application information: Interested scholars may contact the Alexander von Humboldt Foundation, Jean-Paul-Str. 12, D-53173 Bonn, Federal Republic of Germany; tel: +49-228-833-0; fax: +49-228-833-199; e-mail: post@avh.de, homepage: <http://www.humboldt-Foundation.de/>; or, U.S. Liaison office, 1012 14th Street NW, Ste. 301, Washington, DC 20005; phone: 202-783-1907; fax: 202-783-1908; e-mail: avh@bellatlantic.net.

Alexander von Humboldt Foundation

Research Awards

Description: Provides prominent scholars with the opportunity to carry out research at a university or other research institute within the Federal Republic of Germany. Nominations for awards must be made by eminent German scholars; direct applications are not accepted. Award winners are invited to spend a research stay of 4-12 months in Germany.

Eligibility: Scholars must have a position as a full/associate professor and an internationally recognized research record.

Application information: Nominators may contact the Alexander von Humboldt Foundation, Jean-Paul-Str. 12, D-53173 Bonn, Federal Republic of Germany; tel.: +49-228-833-0; fax: +49-228-833-199; e-mail: post@avh.de;

homepage: <http://www.humboldt-Foundation.de/>; or, U.S. Liaison office, 1012 14th Street NW, Ste. 301, Washington, DC 20005; phone: 202-783-1907; fax: -1908; e-mail: avh@bellatlantic.net.

American-Scandinavian Foundation

Description: Grants and fellowships for study or research in Scandinavia (Denmark, Finland, Iceland, Norway, and Sweden). Necessary language competence, financial need, and merit in pursuing the study program in Scandinavia are considered in making these awards. Applications must be on official ASF forms, available on request. Only applications on the current forms will be considered. Awards range from \$3,000-\$18,000.

Eligibility: Applicants must be U.S. citizens or permanent residents and have completed their undergraduate education by the time the overseas project is to begin.

Deadline: The deadline for completed applications is November 1, 2000.

Application information: Write to the Exchange Division, The American-Scandinavian Foundation, 15 E. 65th St., New York, NY 10021; tel: 212-879-9779; fax: 212-249-3444; Web site: <http://www.amscan.org/>.

Centro de Investigación y de Estudios Avanzados del IPN

Solomon Lefschetz Research Instructorships

Description: Appointments are for one year with a possibility of renewal for another year. The principal duties will be to do research and to teach a graduate course in the area of your specialty.

Eligibility: Offered to young mathematicians with doctorates who show definite promise in research. Knowledge of Spanish is desirable.

Grant amount: Salary equivalent to that of assistant professor in the mathematics department. An allowance for moving expenses.

Deadline: Deadline for applications is December 31, 2000.

Application information: Inquiries should be addressed to: Solomon Lefschetz Instructorships, Mathematics Department, CINVESTAV del IPN, Apartado Postal 14-740, 07000, México, D.F., México; phone 52-5-747-38-68; fax 52-5-747-38-76; e-mail: matemat@math.cinvestav.mx.

Fulbright Teacher & Administrator Exchange Program

Description: Sponsored by the United States Department of State, this program offers international exchange opportunities for two-year and four-year college faculty members and elementary and secondary school teachers and administrators. Currently the program conducts exchanges with thirty-one countries in Eastern and Western Europe, Latin America, Africa, and Canada. (The list of countries is subject to change.) Most exchanges are for the full academic year; however, some are for a semester or six weeks. In most cases both the U.S. and international teacher remain on the payroll of their respective home institutions. The Fulbright Teacher &

Administrator Exchange Program also offers an eight-week summer seminar in Italy which is open to college and university faculty and teachers (grades 9-12) of Latin, Greek, and the Classics.

Eligibility: Eligibility requirements are U.S. citizenship, fluency in English, a bachelor's degree or higher, three years' full-time teaching/administrative experience, a current full-time teaching/administrative position, approval of school administration, and no participation in a Fulbright Program longer than eight weeks in the last two years. In addition to the general eligibility requirements, each applicant must meet the specific subject, level, and language fluency requirements for the countries to which he/she applies; these requirements are detailed in the application booklet.

Grant amount: Grants to teach abroad include round-trip transportation for the participant (except Canada and the United Kingdom).

Deadline: The application deadline is October 15 for the following year's program.

Application information: The application booklet should be requested from the Fulbright Teacher Exchange Program, 600 Maryland Ave., SW, Room 320, Washington, DC 20024-2520; 800-726-0479.

Marshall Scholarships

Description: Up to forty scholarships are offered by the British Government to U.S. graduates; tenable at any British university and cover two years of study in any discipline at either undergraduate or graduate level, leading to the award of a British university degree.

Eligibility: Candidates should: (1) be citizens of the U.S., (2) hold a bachelor's degree from a four-year U.S. college or university, (3) have obtained after freshman year a grade point average of not less than 3.7, (4) have graduated from undergraduate college or university after April 1998.

Deadline: October 10 (postmarked), to commence the following September.

Application information: Apply through British Consulates General in the following regions: (1) Northeast: Federal Reserve Plaza, 600 Atlantic Avenue, 25th Floor, Boston, MA 02210; (2) Midatlantic: British Embassy Cultural Dept., 3100 Massachusetts Avenue, NW, Washington, DC 20008-3600; (3) Southeast: Suite 2700, Marquis One Tower, 245 Peachtree Center Avenue, Atlanta, GA 30303; (4) Midwest: Suit 1300, The Wrigley Building, 400 N. Michigan Avenue, Chicago, IL 60611-4102; (5) Western: 1 Sansome Street, Suite 850, San Francisco, CA 94104; (6) Southwest: Wells Fargo Plaza, Suite 1900, 1000 Louisiana, Houston, TX 77002.

National Academy of Sciences (NAS)

Collaboration in Basic Science and Engineering (COBASE)

Description: The NAS invites applications from American scientists who wish to visit or to host foreign scientists from Armenia, Azerbaijan (traveling only), Belarus, Bosnia (hosting only), Bulgaria, Croatia, Czech Republic, Estonia, Georgia, Hungary, Kazakhstan, Kyrgyzstan, Latvia,

Lithuania, Macedonia, Moldova, Poland, Romania, Russia, Slovakia, Slovenia, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan. The project development grants will support two-week visits. Applicants for the project development visits need to demonstrate that a joint proposal for collaborative research will be prepared during their visit for submission to the National Science Foundation for funding.

Eligibility: Applicants must be U.S. citizens or permanent residents and have doctoral degrees or their equivalent. Acceptable topics include physics; chemistry; mathematics and computer sciences; earth, atmospheric, and oceanographic sciences; biological sciences; environmental sciences; engineering; archaeology and anthropology; geography; psychology; science and technology policy; economics; linguistics; or the history and philosophy of science. There is special emphasis on young investigators in each program.

Application information: E-mail: occe@nas.edu; tel: 202-334-2644; <http://nationalacademies.org/oia/>.

National Science Foundation

International Research Fellows Program

Description: The International Division of the National Science Foundation administers a program to introduce scientists and engineers in the early stages of their careers to research opportunities abroad. The program provides support to carry out research at science and engineering establishments in foreign countries for periods of three to twenty-four months. Applications from women and minorities and for work in developing countries are especially encouraged. Research may be done in any field of science and engineering supported by the National Science Foundation. Appropriate host institutions are institutions of higher education, science and engineering centers, and nonprofit industrial and government research institutes.

Eligibility: Eligible applicants, in addition to being citizens or permanent residents of the United States, must have earned a doctoral degree within six years of the date of application or expect to receive their degree by the award date.

Grant amount: Awards will consist of round-trip economy airfare, in-country travel, a modest living allowance, health insurance, and dependent allowance for visits of six months or more. Support for language training is also available.

Deadline: November 1. Decisions will be announced the following March.

Application information: Interested persons should contact the National Science Foundation for details and application materials. Applications must include a letter of invitation from the proposed host institution. Address inquiries to NSF, Division of International Programs, 4201 Wilson Blvd., Arlington, VA 22230; telephone: 703-306-1711; fax: 703-306-0474; e-mail: sparris@nsf.gov; TDD: 703-360-0090. Information and links to guidelines and forms are available at: <http://www.nsf.gov/sbe/int/start.htm> and <http://www.nsf.gov/sbe/int/fellows/start.htm>.

Fulbright U.S. Student Program

Fulbright and Related Grants for Graduate Study and Research Abroad

Description: For graduate study or research in any field in which the project can be profitably undertaken abroad. If an applicant is already enrolled in a U.S. university, he must apply directly to the Fulbright Program Adviser on his campus. Unenrolled students may apply to the Institute of International Education.

Eligibility: Applicant must be a U.S. citizen, hold a B.A. degree or the equivalent, and have language proficiency sufficient to carry out the proposed study and to communicate with the host country.

Deadline: Application deadline is October 25.

Application information: Further details may be obtained from the Fulbright U.S. Student Program, U.S. Student Programs Division, Institute of International Education, 809 United Nations Plaza, New York, NY 10017; 212-984-5330.

Winston Churchill Foundation of the United States

Description: A scholarship program for graduate work in engineering, mathematics, and science at Churchill College, Cambridge University.

Grant amount: Tuition and living allowance worth approximately \$27,000, depending upon course of study.

Application information: Application forms are available from representatives on campuses of colleges and universities participating in the program. For further information write to the Winston Churchill Foundation, P.O. Box 1240, Gracie Station, New York, NY 10028.

Study in the U.S. for Foreign Nationals

Many of the programs in the "Graduate Support" and "Postgraduate Support" sections are also applicable to foreign nationals.

American Association of University Women (AAUW) Educational Foundation

International Fellowships

Description: These are awarded to women of outstanding academic ability who are not citizens or permanent residents of the U.S. for full-time graduate or postgraduate study in the U.S. Six of the 46 awards are available to members of the International Federation of University Women to study in any country other than their own. Upon completion of studies, fellowship recipients are expected to return to their home countries to pursue professional careers. Previous and current recipients of AAUW fellowships are not eligible.

Eligibility: Applicants must hold the equivalent of a U.S. bachelor's degree by December 31.

Grant amount: The fellowships provide \$16,860 each. Five grants of \$5,000–\$7,000 are available to successful fellowship applicants to implement a project in the applicant's home country the year following the fellowship year.

Deadline: The deadline is December 15 (postmark deadline).

Application information: For more information contact: AAUW Educational Foundation, P.O. Box 4030, Iowa City, IA 52243-4030; telephone: 319-337-1716; fax: 319-337-1204.

American-Scandinavian Foundation

Description: Scandinavian scholars are awarded graduate fellowships to study in the U.S.

Application information: For information write to the appropriate society in Scandinavia cooperating with The American-Scandinavian Foundation (The Denmark-America Foundation, Fiolstraede 24, 3.sal DK-1171, Copenhagen K, Denmark; The League of Finnish-American Societies, Mechelininkatu 10, SF-001 00 Helsinki, Finland; The Icelandic-American Society, c/o Office of Intl. Education, University of Iceland, Neshaga 16, 107 Reykjavik, Iceland; The Norway-America Association, Radhusgt. 23B, 0158 Oslo, Norway; The Sweden-America Foundation, Box 5280, S-102 46 Stockholm, Sweden) or to the Exchange Division, The American-Scandinavian Foundation, 15 E. 65th St., New York, NY 10021; tel: 212-879-9779; fax: 212-249-3444; Web site: <http://www.amscan.org/>.

Grant amount: The number of awards varies each year according to total funds available.

Sources of Fellowship Information

Some of the publications listed below are available at school or college and university libraries or in the reference room of a good public library.

Academic Year Abroad 2000/2001

Describes 2,617 academic-year and semester-length programs, offered by U.S. and foreign university and private organizations. Key information on application procedures and requirements, academic credit, addresses and phone contacts, costs, fields of study, languages of instruction, housing, travel and orientation. Introductory section on planning study abroad and on how to read study-abroad literature. Indexes to sponsor institutions, consortia, fields of study, cost ranges, and special options such as internships, student teaching, and independent study. 2,449 program-specific Web addresses give students and study-abroad advisers immediate access to additional guidance on 90 percent of programs described. Annual. \$44.95 (plus \$6.00 postage and handling). ISBN 0-87206-249. IIE Books, Institute of International Education, P. O. Box 371, Annapolis Junction, MD 20701-0371.

Annual Register of Grant Support, 2000

R. R. Bowker, a unit of Cannors Business Information, 121 Chanlon Rd., New Providence, NJ 07974. Directory of fellowships, grant support programs of government agencies, foundations, corporations, and business and professional organizations. Annual. \$210 plus \$14.70 postage and handling.

The Big Book of Minority Opportunities: The Directory of Special Programs for Minority Group Members

(6th Edition, 1997, 450 pages), Garrett Park Press, Garrett Park, MD 20896. \$39.95.

Dollars for College: The Quick Guide to Financial Aid for Science and Mathematics

(1997, 75 pages), Garrett Park Press, Garrett Park, MD 20896. \$7.95 + \$1.50 postage.

Financial Aid for Minorities in Engineering and Science

Financial assistance, scholarship and fellowship programs, resources for further information, 1999, Garrett Park Press, P. O. Box 190, Garrett Park, MD 20896. \$5.95 + \$1.50 shipping.

Financial Resources for International Study: A Guide for U.S. Students and Professionals

Grant listings include award-granting agency's name, address, phone, fax and e-mail. Amount and type of award. Purpose and geographic location for its use. Eligibility, application deadline and notification dates. Indexes organize grants by sponsor, field of study, academic level, and type of award, amount of support, destination. Identifies awards targeted for women, for minorities, and for other specific populations. 1996. 8.5 x 11. Indexes. ISBN 0-87206-220-1. \$39.95 pb. plus \$6.00 shipping and handling. IIE Books, Institute of International Education, P. O. Box 371, Annapolis Junction, MD 20701-0371.

Funding for U.S. Study

Features detailed descriptions of more than 600 fellowships, grants, scholarships and paid internships. For undergraduates, graduate students and postdoctoral students as well as working professionals. Sponsors of all awards welcome applications from foreign nationals. A substantial number of awards are intended specifically for international use. Sponsors are U.S. and foreign governments, colleges and universities, educational associations, libraries, research center, foundations, corporations and other organizations. Descriptions include contacts, number and purpose of awards, amount and

type of financial support, eligibility, restrictions, duration, and how to apply. 1996. 8.5 x 11. Indexes. ISBN 0-87206-219-8. \$39.95 pb. plus \$6.00 shipping and handling. IIE Books, Institute of International Education, P. O. Box 371, Annapolis Junction, MD 20701-0371.

Graduate School and You: A Guide for Prospective Graduate Students

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