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AMERICAN INDIAN SCIENCE & ENGINEERING SOCIETY (AISES)

<http://www.aises.org/>

<http://www.aises.org/Programs/ScholarshipsandInternships/Scholarships>

Scholarships are awarded to members of AISES who are American Indian or Alaskan Native college students pursuing academic programs in the engineering, mathematics, medicine, natural resources, or land science fields.

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AISES Program Officer
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E-mail: tina@aises.org

Liz Encinias
AISES Program Officer
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AMERICAN PHYSICAL SOCIETY

<http://www.aps.org/programs/honors/index.cfm->

Offers Congressional Postgraduate Science Fellowships to society members who will assist members of Congress in understanding the technical and scientific issues of global warming, energy policy, defense technologies, AIDS, pollution, communications technologies, and more. Offers special awards for APS members who are on the faculty in physics (and closely related) departments and to those who have made significant and innovative contributions in the application of physics to science and technology.

AAUW American Fellowship

http://www.aauw.org/learn/fellowships_grants/american.cfm

Deadline: November 15

American Fellowships support women scholars completing doctoral dissertations, conducting postdoctoral research, or finishing research for publication.

Fields: Open to applicants in all fields of study. Scholars engaged in science, technology, engineering and math and also researching gender issues are especially encouraged to apply.

Eligibility: American Fellowships support women doctoral candidates completing dissertations or scholars seeking funds for postdoctoral research leave from accredited institutions. Applicants must be U.S. citizens or permanent residents. Candidates are evaluated on the basis of scholarly excellence, teaching experience, and active commitment to helping women and girls through service in their communities, professions, or fields of research.

Amount: Dissertation Fellowship: \$20,000

AAUW International Fellowships

http://www.aauw.org/learn/fellowships_grants/international.cfm

Deadline: December, 1

International Fellowships are awarded for full-time study or research in the United States to women who are not United States citizens or permanent residents. Both graduate and postgraduate study at accredited institutions are supported. Several fellowships are available for study outside of the U.S.

Fields: Fellowship and grant recipients perform research in a wide range of disciplines and work to improve their schools and communities. Their intellect, dedication, imagination, and effort promise to forge new paths in scholarship, improve the quality of life for all, and tackle the educational and social barriers facing women in the United States and around the globe.

Eligibility: non-U.S. citizens

Amount: Master's/Professional Fellowship: \$18,000

Doctorate Fellowship: \$20,000

AAUW Selected Professions Fellowships

http://www.aauw.org/learn/fellowships_grants/selected.cfm

Deadline: January, 10

Selected Professions Fellowships are awarded to women who intend to pursue a full-time course of study at accredited U.S. institutions during the fellowship year in one of the designated degree programs where women's participation traditionally has been low.

Fields:

- Architecture (M.Arch, M.S.Arch)
- Computer/Information Sciences (M.S.)
- Engineering (M.E., M.S.)
- Mathematics/Statistics (M.S.)

Eligibility:

U.S. citizen or permanent resident;

Amount: Master's and First Professional Awards: \$5,000 - \$18,000

ACG Foundation Scholarship

http://www.agc.org/cs/career_development/foundation/scholarships

Deadline: November 1

The AGC Foundation offers both undergraduate and graduate level scholarships to students enrolled in ABET or ACCE-accredited construction management or construction related engineering programs.

Fields: Applicants must be enrolled, or planning to enroll, in a graduate level construction management or construction-related engineering degree program as a full-time student.

Amount: The Saul Horowitz, Jr. Memorial Graduate Award and the Heffner Scholarships for Graduate Students are worth \$7,500 each, paid in two installments of \$3,750.

American Society of Civil Engineers Graduate Scholarships and Research Fellowships

<http://www.asce.org/Content.aspx?id=18337>

Deadline: Beginning of February through May, varies by scholarship

Applicants must be a member of the American Society of Civil Engineers (in any grade) and in good standing at the time of application and award. Membership applications may be submitted with scholarship application.

Fields: civil engineering, geological sciences, environmental sciences

Amount: Scholarships are awarded based upon funds available. Past awards have been in the range of \$2,000 - \$6,000

AISES Scholarship's

<http://www.aises.org/Programs/ScholarshipsandInternships/Scholarships>

Deadlines: April - June, varies by scholarship.

The AISES fund scholarship awards to American Indian, Alaska Native and Native Hawaiian AISES members

Field: engineering

Eligibility: Native American - tribal enrollment/descent

ASME Graduate Fellowships

http://www.asme.org/Education/College/FinancialAid/Graduate_Scholarships.cfm

Deadline: March 15

Grants are given to students working toward a Master's or doctoral Degree in Mechanical Engineering.

Fields: mechanical engineering

Amount: \$2,000

BOREN FELLOWSHIPS FOR GRADUATE STUDENTS

Applications for the 2011-2012 National Security Education Program's David L. Boren Scholarships for undergraduate students and Fellowships for graduate students are now available at www.borenawards.org. As you know, Boren Awards provide unique funding opportunities for U.S. students to study in Africa, Asia, Central & Eastern Europe, Eurasia, Latin America, and the Middle East, where they can add important international and language components to their educations.

Boren Scholarships provide up to \$20,000 for an academic year's study abroad. Boren Fellowships provide up to \$30,000 for language study and international research. The application deadline for the Boren Fellowship is February 1, and the deadline for the Boren Scholarship is February 10.

For more information, visit BorenAwards.org.

Boren Fellowships provide up to \$30,000 to U.S. graduate students to add an important international and language component to their graduate education through specialization in area study, language study, or increased language proficiency. Boren Fellowships support study and research in areas of the world that are critical to U.S. interests, including Africa, Asia, Central & Eastern Europe, Eurasia, Latin American, and the Middle East. The countries of Western Europe, Canada, Australia, and New Zealand are excluded. For a complete list of countries, [click here](#).

Boren Fellows represent a variety of academic and professional disciplines, but all are interested in studying less commonly taught languages, including but not limited to Arabic, Chinese, Korean, Portuguese, Russian and Swahili. For a complete list of languages, [click here](#).

Boren Fellowships are funded by the National Security Education Program (NSEP), which focuses on geographic areas, languages, and fields of study deemed critical to U.S. national security. Applicants should identify how their projects, as well as their future academic and career goals, will contribute to U.S. national security, broadly defined. NSEP draws on a broad definition of national security, recognizing that the scope of national security has expanded to include not only the traditional concerns of protecting and promoting American well-being, but also the challenges of global society, including sustainable development, environmental degradation, global disease and hunger, population growth and migration, and economic competitiveness.

CONGREGATIONAL SCIENCE FELLOWSHIP

Application Deadline: January 15, 2011

Public policy increasingly is determined by technical considerations. A perusal of the daily press — from page one through the health and business sections — illustrates that science is a major component of many issues with which Congress must grapple: global warming, energy policy, defense technologies, AIDS, pollution, communications technologies, and many, many more.

It is the aim of the APS and AIP in sponsoring these fellowships to provide a public service by making available individuals with scientific knowledge and skills to Members of Congress, few of whom have a technical background. In turn, the program enables scientists to broaden their experience through direct involvement with the legislative and political processes. Fellows gain a perspective which, ideally, will enhance not only their own careers but also the physics community's ability to more effectively communicate with its representatives in Congress. Today's budget climate makes this ability of increasing importance as shrinking resources force hard choices between worthy projects.

Fellowship Term: Fellowships are for one year, usually running September through August. Following a two-week orientation in Washington sponsored by the American Association for the Advancement of Science, incoming Congressional Fellows become acquainted with most aspects of their future work environment. Following interviews on the Hill, Fellows choose a congressional office — personal or committee staff — where they wish to serve. Fellows are expected to be capable of handling varied assignments, both technical and non-technical.

The Program's popularity with Members of Congress continues to grow. Typically, 120-150 congressional offices express interest in the approximately 25 fellows that participate in the AAAS fellowship program each year. Former fellows express enthusiasm in their evaluations, and many elect to stay in the public policy arena; it is not unusual to find former fellows in influential positions in Washington.

Amount: The stipend for each Fellow is \$65,000 per year, plus an allowance up to \$3,000 each for relocation and professional travel. An allowance toward health insurance premiums is also available. Following their year on the Hill, APS Congressional Fellows are invited to serve a one-year term on the Physics Planning Committee (PPC) and the Panel on Public Affairs (POPA).

Qualifications: Qualifications include a PhD in physics or a closely related field, a strong interest in science and technology policy, and, preferably, some experience in applying scientific knowledge toward the solution of societal problems. U.S. citizenship and membership in APS is required to receive an APS fellowship. The fellowship programs seek candidates with outstanding qualifications. In exceptional cases, the PhD requirement may be waived for applicants with compensating experience.

Completed files received by the January 15 deadline will be forwarded to the APS and AIP fellowship selection committees, which will choose, normally by mid-March, several finalists to be invited to Washington for personal interviews in early spring. At that time, APS and AIP will each select a winning candidate for the upcoming fellowship term.

Application

To apply, candidates should submit on-line the materials requested below. All credentials, including the letter of intent, resume, and letters of reference must be submitted no later than January 15 of the fellowship year. Incomplete applications cannot be considered.

Cover Sheet, indicating
name, address, phone, email
names of references
U.S. citizenship
PhD status
society membership(s)

Please indicate where you learned about the fellowship programs.

Letter of Intent, providing information regarding
reason for applying

scientific training and professional background

public policy interest and experience

qualities and experience that would make the applicant effective in this position.

Resume, limited to two pages, plus one additional page for a publications list.

Three Letters of Reference from those having direct knowledge of the applicant's character, professional competence, and attributes which would particularly qualify the candidate to serve in this capacity.

- ▶ [Apply for the APS Congressional Fellowship](#)
- ▶ [Apply for both APS and AIP Congressional Fellowship](#)

8TH ANNUAL P3 AWARDS: A NATIONAL STUDENT DESIGN COMPETITION FOR SUSTAINABILITY FOCUSING ON PEOPLE, PROSPERITY AND THE PLANET

<http://www.epa.gov/P3>

The U.S. Environmental Protection Agency (EPA), as part of the P3 Award Program, is seeking applications proposing to research, develop, and design solutions to real world challenges involving the overall sustainability of human society.

The EPA offers the P3 competition in order to respond to the technical needs of the world while moving towards the goal of sustainability. Please see the P3 website (<http://www.epa.gov/P3>) for more details about this program.

DEPARTMENT OF ENERGY, GLOBAL CHANGE EDUCATION PROJECT, (GCEP): GRADUATE RESEARCH ENVIRONMENTAL FELLOWSHIPS

<http://www.atmos.anl.gov/GCEP>

Deadline: Opens the first Monday in October and deadline is December 31, 2010

Fields: Atmospheric sciences, ecology, global carbon cycles, climatology, paleoclimatology, terrestrial processes, integrated assessment and prediction, computer modeling, earth system processes.

Eligibility: Only U.S. citizens are eligible for GCEP appointments.

The GREF program began supporting graduate students in the Office of Biological and Environmental Research-funded collaborative global change research at universities and national laboratories in June 1999. All qualified students are encouraged to apply, but minority and female students are particularly encouraged.

GREF makes three-year appointments that are renewable annually based on evidence of the Fellow's satisfactory academic and research direction and progress.

Amounts: The fellowship pays an annual stipend of \$19,200 (\$1,500 monthly plus a \$600 Research Education Supplement in March and October), and tuition and fees. GREF Fellows are encouraged to participate in the annual Orientation and research focus sessions, and the End-of-Summer Workshop. If the Fellow decides to participate in these activities, GREF pays travel costs, per diem and lodging to the events.

Eligibility: Applicants must have completed their first year in graduate school, unless they formerly participated as SURE Fellows. Past SURE Fellows can apply for GREF during their first year in graduate school.

Applicants are required to complete the application form, including the submission of a five-page description of proposed research, letters of recommendation from the Faculty Advisor and Research Mentor and an outside individual, and undergraduate and graduate transcripts. Applications are available on the website,

<http://www.atmos.anl.gov/GCEP>, beginning the first Monday in October through 11:59.59 P.M. PST on December 31. Appointment of fellowship awards are announced by mid-April each year.

DOE OFFICE OF SCIENCE GRADUATE FELLOWSHIP PROGRAM

<http://scgf.ora.gov/index.html>

Deadline: THE APPLICATION is currently not open, please check the website for updates.

The Department of Energy (DOE) Office of Science (SC) has established the DOE Office of Science Graduate Fellowship (DOE SCGF) program to provide support for outstanding students to pursue graduate degrees and research in areas of physics, biology, chemistry, mathematics, engineering, computational sciences and environmental sciences relevant to the Office of Science, and to encourage the development of the next generation scientific and technical talent in the U.S.

Fellows will receive a \$35,000 yearly stipend for living expenses, \$10,500 per year for tuition and fees and a \$5,000 research stipend supplement for research materials and travel expenses. Fellows will be required to attend the annual DOE SCGF Research Conference to be held each summer at a DOE national laboratory. Travel expenses and accommodations to the Conference will be provided by the DOE SCGF program.

Ford Foundation Diversity Fellowships

<http://sites.nationalacademies.org/PGA/FordFellowships/index.htm>

Deadlines: Predoctoral, Dissertation, Postdoctoral all due in early November

Ford Foundation Fellowship Programs are designed to increase the diversity of the nation's college and university faculties by increasing their ethnic and racial diversity, to maximize the educational benefits of diversity, and to increase the number of professors who can and will use diversity as a resource for enriching the education of all students.

Eligibility:

US citizens or national planning a career in teaching and research to be matched by employing institution at the college or university level.

Stipends and allowances:

Predoctoral - \$20,000 to the fellow, institution allowance of \$2,000 for three years

Dissertation - \$21,000 for one year

Postdoctoral - \$40,000 for one year, \$1,500 employing institution allowance to be matched by employing institutions

For additional information and applications, contact:

National Research Council of the National Academies

500 5th Street NW, K576

Washington, DC 20001

Phone: 202-334-2872

Fax: 202-334-3419

Email: infofell@nas.edu

FULBRIGHT SCHOLARSHIP

Campus Deadline: September 9, 2010

The Fulbright Scholarship Program is designed to give recent graduates, master's candidates, doctoral candidates, and young professionals opportunities for personal development and international experience. Most grantees plan their own programs. Projects may include university coursework, independent library or field research, classes in a music conservatory or art school, or special projects in the social or life sciences. The Fulbright application process is administered at Cornell by the Einaudi Center for International Studies. Please visit [Einaudi Center for International Studies](#) for more information

Einaudi Center for International Studies Contacts:

Elizabeth Edmondson, Fulbright Administrator

158 Uris Hall

607/255-8933

EEEdmondson@einaudi.cornell.edu

Gil Levine, Faculty Advisor

170 Uris Hall

fulbright@is.cornell.edu

HERTZ FOUNDATION FELLOWSHIP FOR THE ADVANCEMENT OF APPLIED PHYSICAL SCIENCES

[HTTP://WWW.HERTZFOUNDATION.ORG/DX/FELLOWSHIPS/FAQS.ASPX](http://www.hertzfoundation.org/dx/fellowships/faqs.aspx)

DEADLINE: OCTOBER 29, 2010/ REFERENCE REPORTS BY MONDAY NOVEMBER 1, 2010

The Hertz Foundation Fellowship is designed to foster the graduate-level studies of excellent young men and women who seem likely to become leaders in scientific and technological advances, exemplars of teaching skills in the applied physical sciences, and key contributors to the technological capability on which the well-being of the United States depends.

Successful applicants have the choice of two Fellowship options:

Option 1 - Five Year Hertz

\$31,000/ 9-month personal stipend*

Full tuition equivalent

Renewable for up to 5 years

Option 2 - Five-Year Coordinated

Hertz Period - Two Years

\$36,000/ 9-month personal stipend*

Full tuition equivalent

Other Fellowship Period - Up to Three Years

\$3,500/ year supplemental stipend* from Hertz

Requires Awardee to accept a 3-year Fellowship from another source

The Five-Year Hertz Fellowship award (Option 1) is renewable annually (upon a showing of satisfactory progress toward receipt of the Ph.D. degree) for a total Fellowship tenure of no more than five years.

* \$5,000/ year additional stipend for Fellows with dependent children.

Fellows must attend one of the Foundation's tenable schools, or must petition the Foundation to include a school that he/she desires to attend.

Eligibility: Graduating seniors and graduate students in any area of applied science may apply. U.S. citizens or permanent residents. NOT for students applying to medical school or those in joint professional degree programs, (although the Foundation may support the Ph.D. portion of a joint M.D./Ph.D. study program). Evidence of exceptional creativity, broad understanding, and potential for innovative research is expected.

Fields: The Foundation's interests extend from applied math through applied physics and chemistry, encompassing all of the engineering disciplines, and include those aspects of modern biology

which apply the physical sciences intensively. For an illustrative list of the fields supported, see the Hertz Web site. It is up to each applicant to defend his or her field as an "applied physical science."

Deadlines

Mid to late October: submission of application, transcripts, and references

Early November: campus interview

Selection

In addition to the application itself, applicants are required to submit the following:

Transcripts of academic work. The foundation also looks for evidence of unusual creativity. Outstanding achievements in scientific or technological developments will be favorably noted—papers published as an undergraduate, patents, and the like—and may balance a lower undergraduate GPA. The transcript should reflect breadth of academic work, as well as depth in the chosen field.

Four reference reports by senior technical professionals and/or faculty with and for whom the Fellowship applicant has worked or studied.

Reports by one or more interviewers from the Foundation (many of whom are former Hertz Fellows).

The Foundation's selection process differs from that of, say, the National Science Foundation, in that it includes personal technical interviews, which are intended primarily to provide a degree of normalization between the varying standards of different institutions and the diverse educational experiences of different disciplines. The interview is an oral question and answer session. Topics are not restricted to the applicant's field, but will include other disciplines. From 30—60 minutes in length, these interviews substitute for the GRE in terms of comparing candidates from different majors, different schools, and different student standing. They test technical ability, ability to handle pressure, ability to think broadly, and to speak articulately. Every Fellowship applicant is required to take at least the aptitude portion of the [Graduate Record Examination](#) and to have the results sent to the Foundation. The Foundation does not require the GRE Subject test scores, although they will accept them.

Complete information on the Hertz Fellowship, including directions on how to request an application and a list of the universities at which the award is tenable, are available at the [Hertz Foundation's](#) website.

IEEE Graduate Scholarships, Fellowships and Awards

http://www.ieee.org/portal/site/mainsite/menuitem.818c0c39e85ef176fb2275875bac26c8/index.jsp?&pName=corp_level1&path=membership/students&file=sc_scholarships.xml&xsl=generic.xsl&

Deadline: varies by scholarship

Awards are made for Master's and doctoral programs.

Fields: electrical engineering and computer science

Josephine de Karman Fellowship

<http://www.dekarman.org/Qualifications.aspx>

Deadline: End of December

The Josephine de Karman Fellowship Trust was established in 1954 by the late Dr. Theodore von Karman, world renowned aeronautics expert and teacher and first director of the Guggenheim Aeronautical Laboratory at the California Institute of Technology, in memory of his sister, Josephine, who died in 1951. The purpose of this

fellowship program is to recognize and assist students whose scholastic achievements reflect professor von Karman's high standards.

Eligibility: Only candidates for the PhD who will defend their dissertations by June 2011

Amount: A minimum of ten (10) fellowships, \$22,000 each.

NASA Aeronautics Scholarship Program

http://nasa.asee.org/about_the_program

Deadline: Currently not accepting applications, please check the website for updates.

The program's purpose is to: In accordance with the National Aeronautics R&D Policy and its accompanying Executive Order, help to advance the nation's aeronautics enterprise by investing in the educational development of the future aeronautics workforce.

Provide opportunities to attract highly motivated undergraduate and graduate students to aeronautics and related fields.

Fields: It is expected that approximately 5 two-year graduate scholarships will be awarded annually to students in Aeronautics and related fields.

Eligibility: The program is open to U.S. Citizens who are enrolled in an accredited U.S. college or university.

Amount: Graduate students will receive up to \$35,000 awarded for each school year, to be used for tuition, room and board, or other school-related costs. All students will have the opportunity to attend a summer internship at a NASA Research Center with a summer stipend up to \$10,000

NATIONAL SCIENCE FOUNDATION (NSF) GRADUATE RESEARCH FELLOWSHIP PROGRAM

HTTP://WWW.NSFGFRP.ORG/HOW_TO_APPLY

Application deadline: The 2011 NSF GRFP application is expected to become available in August 2010, with deadlines expected to be in November.

The National Science Foundation's Graduate Research Fellowship Program (GRFP) helps ensure the vitality of the human resource base of science and engineering in the United States and reinforces its diversity. The program recognizes and supports outstanding graduate students in NSF-supported science, technology, engineering, and mathematics disciplines who are pursuing research-based master's and doctoral degrees in the U.S. and abroad. The NSF welcomes applications from all qualified students and strongly encourages under-represented populations, including women, under-represented racial and ethnic minorities, and persons with disabilities, to apply for this fellowship.

Fields: Science, technology, engineering and mathematics

Amount: Three years of support, \$30,000 annual stipend, \$10,500 cost-of-education allowance, \$1,000 one time international travel allowance, TeraGrid Supercomputer access

Eligibility:

1. Are a US citizen, US national or permanent resident alien, and
2. Are a graduating senior; have completed a B.S./B.A. degree in a STEM field; or are in their 1st year or the first semester of their 2nd year in graduate school, and
3. Are pursuing a research-based master's or doctoral degree in the science, technology, engineering and mathematics fields supported by NSF.

Applications for the 2011-2012 academic year will be accepted beginning in February 2011. The next deadline for applications is April 1, 2011.

NWRI's Fellowship program is underwritten by the [Joan Irvine Smith & Athalie R. Clarke Foundation](#), [NWRI Corporate Associates](#), and community partners. NWRI is very grateful for the support provide by these partners

Under the Fellowship program, NWRI awards Fellowships to graduate students in the U.S. in the areas of water resources and treatment.

Please note that students must be currently enrolled in a graduate program at a U.S. university to receive the NWRI Fellowship. Students who have not yet been accepted into a graduate program at a U.S. university are not eligible to receive Fellowship funding.

Naval Research Enterprise Intern Program (NREIP)

<http://nreip.asee.org/>

Deadline: The last day to submit an application will be January 7, 2011. References and transcripts are due on January 14, 2011 by 5:30 PM Eastern Standard Time (EST).

The Naval Research Enterprise Intern Program (NREIP), provides an opportunity for students to participate in research at a Department of Navy (DoN) laboratory during the summer. The goals of the NREIP are to encourage participating students to pursue science and engineering careers, to further education via mentoring by laboratory personnel and their participation in research, and to make them aware of DoN research and technology efforts, which can lead to employment within the DoN. NREIP provides competitive research internships to approximately 238 college students (174 undergraduate students and 64 graduate students) each year. Participating students typically spend ten weeks during the summer doing research at approximately 14 DoN laboratories.

Fields: Applicants should be in fields relevant to the research interests of the laboratories.

Eligibility:

- Applicants must be U.S. Citizens. Dual citizens may be accepted at some labs, but not all. Interested students should contact the individual lab to determine if dual citizens are accepted.
- Students graduating in the Spring 2011 semester are eligible to apply.
- Applicants must be a Junior, Senior, or Graduate student to apply.
- Applicants should have majors relevant to the research interests of the laboratories.

Amount: The internship has a duration of 10 weeks.

For undergraduate students the stipend is \$7,690.00 and for graduate students \$10,250.00. Stipends will be paid on the 15th of each month, May-July.

NSERC Postgraduate Scholarships

http://www.nserc-crsng.gc.ca/Students-Etudiants/PG-CS/BellandPostgrad-BelletSuperieures_eng.asp

Deadline: October 15

NSERC Postgraduate Scholarships (PGS) provide financial support to high-calibre scholars who are engaged in master's or doctoral programs in the natural sciences or engineering. The scholarships are offered to the top-ranked applicants. This support allows these scholars to fully concentrate on their studies and seek out the best research mentors in their chosen fields. NSERC encourages interested and qualified Aboriginal students to apply.

Field: natural sciences or engineering

Eligibility: Canadian citizenship, first degree is completed in a Canadian college or university

Amount: \$21,000 a year (for two or three years)

OTHER PHYSICS-RELATED CONGRESSIONAL FELLOWSHIPS:

Applicants might also want to know more about these additional physics-related Congressional Science Fellowship Programs. Please contact these societies directly for more information.

AMERICAN GEOPHYSICAL UNION CONGRESSIONAL SCIENCE FELLOWSHIP

Contact: (202) 777-7501

<http://www.agu.org/education/grants/research.shtml>

MATERIALS RESEARCH SOCIETY (MRS)

Contact: (724) 779-3003 ext. 501

http://www.mrs.org/s_mrs/sec.asp?CID=12344&DID=204997

OPTICAL SOCIETY OF AMERICA CONGRESSIONAL SCIENCE FELLOWSHIP

Contact: (202) 416-1499 http://www.osa.org/About_Osa/Public_Policy/Congressional_Fellowships/OSAMRS/

Paul and Daisy Soros Fellowships for New Americans

<http://www.pdsoros.org/>

Deadline: November 1, 2010

The purpose of The Paul & Daisy Soros Fellowships for New Americans is to provide opportunities for continuing generations of able and accomplished New Americans to achieve leadership in their chosen fields. The Program is established in recognition of the contributions New Americans have made to American life and in gratitude for the opportunities the United States has afforded the donors and their family.

Please visit the website above for additional information including eligibility requirements and to apply.

Rotary International Global Grant 2011-12

<http://www.rotary5960.org/showDoc.cfm?pObject=427&pMenuTop=293>

Global grants must relate to one or more of the six areas of Rotary focus and have a long-term impact.

- Peace and conflict prevention/resolution

- Disease prevention and treatment

- Water and sanitation

- Maternal and child health

- Basic education and literacy

- Economic and community development

Amount: minimum \$30,000 for one term to up to four years

Science, Mathematics, And Research for Transformation Defense Scholarship for Service Program (SMART)

[http://smart.asee.org/apply /application instructions](http://smart.asee.org/apply/application_instructions)

Deadline: 12/1/2010

The purpose of the program is to promote the education, recruitment and retention of undergraduate and graduate students in science, mathematics and engineering studies.

Fields: science, mathematics and engineering studies

Eligibility: The SMART Scholarship for Service Program is open only to citizens of the United States, and students must be at least 18 years of age to be eligible. There is an employment obligation to the DoD with this scholarship program.

Amount: This scholarship program provides students with a stipend allowance, full tuition, book allowance, room and board and other normal educational expenses.

STAR FELLOWSHIPS

<http://www.epa.gov/ncer/fellow/>

Deadline: Currently not accepting application's, periodically view the website for updates.

EPA's STAR graduate fellowship program supports master's and doctoral candidates in environmental studies. Each year, students in the United States compete for STAR fellowships through a rigorous review process. Students can pursue degrees in traditionally recognized environmental disciplines as well as other fields such as social anthropology, urban and regional planning, and decision sciences. Since the program began in 1995, EPA has awarded approximately 1,500 STAR fellowships to students in every state and most territories. Fellowships have helped educate new academic researchers, government scientists, science teachers, and, environmental engineers.

STAR fellowships are intended to help defray the ever-increasing costs associated with studies leading to advanced degrees in environmental sciences. The actual amount awarded per year will vary depending on the amount of tuition and fees and the number of months the stipend is needed.

Benefits of an EPA STAR Fellowship include: Up to \$37,000 per year of support, including \$12,000 per year for tuition and fees, \$20,000 per year in a monthly stipend, and an annual expense allowance of \$5,000. Master's level students can receive support for a maximum of two years. Doctoral students can be supported for a maximum of three years with funding available, under certain circumstances, over a period of four years.

SUSTAINABLE ENERGY DEVELOPMENT SCHOLARSHIP

<http://www.e8.org/index.jsp?numPage=195>

Deadline: Key dates to be announced shortly

The purpose of the e8 scholarship is to support outstanding students pursuing advanced studies in sustainable energy development and to encourage meaningful contributions to the collective body of knowledge about this subject.

The e8 considers an outstanding student to be one
who graduates with excellent grades in the top 20% of her/his class
who is determined to advance her/his knowledge and understanding
who has a history of community involvement
who is committed to sustainable energy
who is committed to return and contribute to her/his home country

To be eligible to apply for this scholarship, students must plan to undertake studies at the Masters level in areas directly related to sustainable energy development, be citizens of the developing countries and territories identified for OECD official development aid in the [DAC List of ODA Recipients effective as of 2006](#)

What are the levels of financial assistance and the duration of the scholarships?

Scholarships of US\$ 23,000 per year for up to two years are offered for Masters level students. Up to ten Masters scholarships will be awarded annually.

How can I apply?

Information and the application form can be obtained online by clicking on this link to the [Application Forms](#) page.

SWE Scholarships

http://societyofwomenengineers.swe.org/index.php?option=com_content&task=view&id=222&Itemid=229

Deadline: Please check the website for updates

The SWE Scholarship Program provides financial assistance to women admitted to accredited graduate programs, in preparation for careers in engineering, engineering technology and computer science.

Fields: engineering

Eligibility: Women

Amounts: scholarships range between \$1,000 and \$10,000 each

Symantec Research Labs Graduate Fellowship

<http://www.symantec.com/about/careers/college/fellowship.jsp>

Deadline: December 18, 2010

Symantec will award Symantec Research Labs Graduate Fellowships to outstanding Ph.D. and M.S. students. A key goal of the program is to fund innovative research that has real-world value, in areas of Symantec's business interests in information security, availability, and integrity.

Field: computer and information science

Eligibility: Applying students must attend a U.S. or European university in a Ph.D. or Master's program focused on technology research. Exceptional graduating undergraduate seniors may also apply and final award is contingent on their acceptance to a graduate program.

Preference will be given to students with a desire to work in an industrial research lab and those working on research projects likely to have real-world practical value to customers, in areas related to Symantec's businesses of information security, availability, and integrity.

Amount: The fellowship award will cover 100% of tuition and fees for the recipient's graduate school in the US. A stipend is provided to cover living expenses while in school

Tau Beta Pi Fellowships

<http://www.tbp.org/pages/About/Programs/Fellowship/Fellowship.cfm>

Deadline: End of January

The purpose of the fellowship is to advance the interest of the engineering profession

Field: Engineering

Eligibility: Only members of Tau Beta Pi are eligible to apply

Amount: Amount of Each Fellowship

\$10,000 - Payable in 10 Monthly Installments

The National Defense Science and Engineering Graduate Fellowship Program (NDSEG)

http://ndseg.asee.org/application_instructions

Deadline: The application cycle is from September to January.

The Department of Defense (DoD) is committed to increasing the number and quality of our nation's scientists and engineers, and towards this end, has awarded approximately 3,200 NDSEG fellowships since the program's inception 21 years ago. The NDSEG Fellowship is sponsored by the Air Force Office of Scientific Research (AFOSR), the Army Research Office (ARO), the High Performance Computing Modernization Program (HPCM), and the Office of Naval Research (ONR), under the direction of the Director of Defense Research and Engineering (DDR&E).

Fields: Aeronautical and Astronautical Engineering; Biosciences; Chemical Engineering; Chemistry; Civil Engineering; Cognitive, Neural, and Behavioral Sciences; Computer and Computational Sciences; Electrical Engineering; Geosciences; Materials Science and Engineering; Mathematics; Mechanical Engineering; Naval Architecture and Ocean Engineering; Oceanography; and Physics.

Eligibility: The NDSEG Fellowship Program is open only to applicants who are citizens or nationals of the United States. The term "nationals" refers to native residents of a possession of the United States such as American Samoa. It does not refer to a citizen of another country who has applied for U.S. citizenship. Persons who hold permanent resident status are not eligible. Proof of citizenship will be required upon formal offer.

Amount: NDSEG Fellowships last for three years and pay for full tuition and all mandatory fees, a monthly stipend, and up to \$1,000 a year in medical insurance.

The National Science Foundation East Asia and Pacific Summer Institutes for U.S. Graduate Students (EAPSI)

<http://www.nsf.org/>

Deadline: Second Tuesday in December

The East Asia and Pacific Summer Institutes (EAPSI) goals are to introduce U.S. graduate students to East Asia and Pacific science and engineering in the context of a research setting, and to help students initiate scientific relationships that will better enable future collaboration with foreign counterparts. Selected students participate in research experiences at host laboratories in Australia, China, Japan, Korea, New Zealand, Singapore, or Taiwan. All institutes, except Japan, last approximately 8 weeks from June to August. Japan lasts approximately 10 weeks from June to August.

Fields:

- Biological Sciences
- Computer and Information Science & Engineering
- Education (Science, Technology, Engineering, & Mathematics)
- Engineering
- Geosciences
- Mathematical & Physical Sciences
- Social, Behavioral, & Economic Sciences
- Environmental Research
- Multidisciplinary Research

Eligibility: U.S. citizen or permanent resident;

Enrolled in a research-oriented master's or Ph.D. degree program (including joint degree programs);

Students enrolled in joint Bachelor/Master's programs must have graduated from the undergraduate degree (if the student's institution considers them in graduate status, that student is eligible);

Amount: \$ 5,000 stipend

International round-trip airfare to the host location

Support for attending a pre-departure orientation in the Washington, D.C. area. Awardees will be reimbursed for the costs of attending the event.

Abroad living expenses by foreign co-sponsoring organizations, and an orientation to the science environment and culture(s) of each location

Whitaker International Fellows Program

<http://www.whitaker.org/home>

Deadline: January 24, 2011

The Whitaker International Fellows and Scholars Program sends emerging leaders in U.S. biomedical engineering (or bioengineering) to undertake a self-designed project that will enhance their own careers within the field. In the first four years of the Whitaker Program, 100 grants have been awarded to Fellows and Scholars to conduct projects in over 20 countries worldwide.

Field: Biomedical Engineering

Eligibility:

- Degree / Enrollment: No more than 3 years from most recent degree, or currently enrolled
- Citizenship: Have U.S. citizenship, OR are a permanent legal resident of the U.S.
- Language: Have language ability to carry out the proposed project in the host country at the time of departure.
- Field / Specialty: In biomedical engineering or bioengineering

NOTE: If you are at an institution that does not offer a formalized BME program, an applicant should have a demonstrated commitment to the field of BME. Significant coursework, research, laboratory/work experience are some of the ways to demonstrate such commitment.

Amount: The term of the award will be for a maximum of one academic year (as defined by the academic calendar of the host country).

Award Benefits Include:

- Round trip international airfare
- A monthly living stipend
- Health & Accident insurance
- Fellows Only: Tuition (and bench fees) reimbursement, capped at US\$35,000 (regardless of country of exchange or exchange rate)

Individual reimbursement amounts are determined by the Whitaker Program at the time of grant award, typically no greater than US\$25,000

commitment to helping women and girls through service in their communities, professions, or fields of research.

Amount: Dissertation Fellowship: \$20,000

Internal/Cornell

CORNELL PRESIDENTIAL LIFE SCIENCE FELLOWSHIPS (PLSF)

<http://www.biotech.cornell.edu/index.cfm/page/PLSF.htm>

The Cornell Presidential Life Science Fellowships were created through the New Life Sciences Initiative to select for graduate students who would bridge across disciplines and eventually help form the new disciplines of life sciences which are expected to emerge in the next decade. [Faculty members](#) from across the sweep of traditional disciplines mentor the fellows in work within a broad array of [focus areas](#) from Applied Biology; Biomedical Sciences; Ecology, Evolution and Integrative Biology; Genetics, Genomics and Bioinformatics; Molecular and Cellular Biology; to Physical, Chemical, and Computational Biology.

The Life Sciences Initiative itself does not admit students, but provides support and access to students in many areas. General information for prospective graduate students can be found [here](#). Interested students should inquire with the Director of Graduate Studies (DGS) in their primary field of interest. Further, prospective students should indicate interest in the Presidential Life Science Fellowship Program, either in the application or by email correspondence with the Field DGS or Graduate Field Assistant (GFA). It is important for students to recognize, however, that the nomination of students to this prestigious program is at the discretion of the Fields through a rigorous selection process, not by self-nomination. Funding questions should be directed to your DGS or GFA, as each award is administered through the student's particular field. See the Cornell [Graduate School](#) website for more general information on admissions. Here is a link to the specific [graduate fields](#) with information about application requirements and admission deadlines.

Originally called "Genomics Fellowships", the PLSF name was adopted in the fourth year of the program to better reflect the broad nature of the program and the University-wide commitment to Life Sciences and to collaborative research. A variety of educational opportunities are being implemented with the Life Science Initiative. One compiled resource is the calendar of [Life Science Related Seminar Series](#). If you have additions, please email sv27@cornell.edu.

Engineering Diversity

<http://www.engineering.cornell.edu/diversity/office-diversity-programs/resources/financial-resources/>

DIVERSITY FELLOWSHIPS FOR GRADUATE STUDENTS

Graduate study at the PhD level in engineering and science fields is commonly supported by a combination of teaching assistantships, graduate research assistantships, and fellowships. Most Cornell graduate students receive financial support from each of these sources at some time during their careers. The [College of Engineering](#) has teamed together with the [Cornell Graduate School](#) to offer and administer several prestigious awards:

CU AGEP FELLOWSHIPS

Cornell is a member of the Central New York - Puerto Rico Alliance for Graduate Education and the Professoriate. Through this alliance, the DPE office is able to offer fellowships to incoming URM PhD students for summer research at Cornell before they formally begin their graduate studies.

CU SAGE AND COLMAN FELLOWSHIPS

The DPE office also supports the Cornell Sage and Coleman Fellowships, which are one-year fellowships for URM students, students who have a history of overcoming adversity, students from single-parent households, and/or first-generation college students.

CU SLOAN FELLOWSHIPS

Through a partnership with the Alfred P. Sloan Foundation, the DPE office supports CU Sloan Fellows with a complete academic and summer stipend, tuition, and health insurance for highly competitive underrepresented minority (URM) students who are who are US citizens or permanent residents and are beginning their doctoral work in engineering, natural science and mathematics

GEM FELLOWSHIPS

Prospective and current MEng, MS, and PhD students may also apply for fellowships from the [National GEM Consortium](#), whose primary focus is to administer and award full fellowships with paid internships to highly qualified URM students who wish to pursue graduate students in engineering or sciences. [Cornell University is a member institution of the National GEM Consortium.]

<http://www.gemfellowship.org/gem-fellowship/application-requirements>

FALL/WINTER 2010 RESEARCH TRAVEL GRANT COMPETITION

The Graduate School will award a limited number of grants to graduate students for research-related travel. Applications are due to the Graduate School (350 Caldwell Hall) by 4:30 p.m. Nov. 1 for fall or winter travel, and Feb. 1, for spring or summer travel. Research travel grant applications are available at www.gradschool.cornell.edu/pubs_and_forms/forms/gradform_f7.pdf. Fall/winter awards will be announced in early December. Spring/Summer awards will be announced in early March. Students who need to conduct research travel in the early fall may apply for a grant to be applied retroactively to expenses incurred.

In awarding research travel grants, the Graduate School gives priority to Ph.D. students who have or will have passed the A Exam prior to initiating their research travel. Applicants should plan on travel that will be at least several weeks in duration. Prior awardees are given low priority. Field trips related to academic classes are not funded. Because the Graduate School seeks to award a maximum number of grants from limited funds, awards are no more than \$2,000. Research travel grants are not intended to act as full semester fellowships. Students are encouraged to submit requests that reflect careful budgeting. For example, applicants should use public transportation when practical, plan on preparing their own meals whenever possible, and secure modest accommodations.

Please note that research travel grants are for travel that is directly related to dissertation research, not conference travel. Conference grant applications are available separately at www.gradschool.cornell.edu/pubs_and_forms/forms/gradform_f6.pdf.

IBM Ph.D. Fellowship

<https://www.ibm.com/developerworks/university/phdfellowship/>

Deadline: All nominations for the IBM Ph.D. Fellowship must be submitted by faculty electronically over the Web on a standardized form so as to facilitate an open and uniform competition. The nomination form will be available on the IBM Ph.D. Fellowship nomination Web site from September to October.

The IBM Ph.D. Fellowship Awards Program is an intensely competitive worldwide program, which honors exceptional Ph.D. students who have an interest in solving problems that are important to IBM and fundamental to innovation in many academic disciplines and areas of study.

Fields: Computer science and engineering, electrical and mechanical engineering, physical sciences (including chemistry, material sciences, and physics), mathematical sciences (including optimization), business sciences (including financial services, communication, and learning/knowledge), and service science, management, and engineering (SSME).

Eligibility: Students must be nominated by a faculty member. They must be enrolled full-time in a college or university Ph.D. program, and they must have completed at least one year of study in their doctoral program at the time of their nomination. (Eligibility in Europe and Russia is described below.) Students from U.S. embargoed countries are not eligible for the program.

KNIGHT SCHOLARSHIP Knight (PhD and Meng)

[HTTP://WWW.ENGINEERING.CORNELL.EDU/STUDENT-SERVICES/RGS/FINANCIAL-AID/KNIGHTSCHOLARSHIP.CFM](http://www.engineering.cornell.edu/student-services/RGS/financial-aid/knightscholarship.cfm)

Lester B. Knight MEng/MBA Scholarship

Lester B. Knight believed that leaders in the engineering profession require a strong foundation in business, and that leaders in business benefit from a strong foundation in engineering. The Lester B. Knight Scholarship is designed to assist and encourage top students to earn MEng and MBA degrees at Cornell. The scholarship is the result of a generous gift by Mr. Knight and the continuing support of his family.

Eligibility: To be eligible for a Knight Scholarship, an applicant should be:

1. Entering into the Cornell Master of Engineering (MEng) degree program
or
2. A Cornell MEng graduate entering into an MBA degree program at the Johnson School

Award: Knight Scholarships may provide as much as \$40,000. Knight Scholars receive a \$10,000 tuition award per semester for up to two semesters while enrolled as graduate students in the MEng degree program and a \$10,000 tuition award per semester for up to two semesters while enrolled in an MBA degree program at Cornell. Students entering the MEng Degree program with Knight Scholarships may apply to the Johnson School up to five years after MEng graduation and retain the MBA portion of their Knight scholarships.

Application deadline—February 1:

The application deadline is February 1. Admitted applicants will receive a notification about their award together with, or soon after, their offer of admission.

Late applications will be considered subject to availability of funds and only in extenuating circumstances. Awards are not made retroactively, i.e. after the student has paid the tuition fee for the semester.

Application process:

To be considered, students should

Complete online an application for admission:

Eng application—for students applying to the MEng program at Cornell Engineering

or

MBA application—for MEng graduates applying to an MBA program at the Johnson School

Submit to the Office of Research and Graduate Studies, 222 Carpenter Hall, a Knight Scholarship application package, consisting of

1. Application form
2. Essay, not to exceed 3 pages, describing experiences that motivated you to pursue engineering and business, your interests, and your future career goals

Cornell Engineering and the Johnson School each make their admission decisions independently, but the scholarship decision is made jointly by both colleges.

[Knight Scholarship Application Form](#)- reach this by using link above.

LIEBMANN FELLOWSHIP APPLICATION

Please check the website in mid October for availability

http://www.gradschool.cornell.edu/news/announcements/201011_liebmann_app.pdf

Cornell may nominate three outstanding Ph.D. students for Dolores Zohrab Liebmann Fellowships, three-year fellowships that cover full tuition, health insurance, the student activity fee and an \$18,000 stipend. Applicants should have an outstanding undergraduate record and must be U.S. citizens whose research will be carried out entirely in the United States.

Applicants should carefully review the fellowship conditions:

Eligibility:

Fellowship candidates must have an outstanding undergraduate record, demonstrate financial need and be attending a designated college or university.

Grant Information:

Fellowships cover the cost of tuition and provide an annual \$18,000 stipend for living expenses. Publication grants vary depending on magnitude of the publication.

Grant Cycle:

Fellowship applications are distributed to designated universities in October, applications are due in January and decisions are made in April/May.

Publications deadlines are April 15th and November 15th.

Type of Support:

Tuition and living expenses; research and publishing costs

SUNY Fellowship (Diversity for CALS)

OTHER FELLOWSHIP OPPORTUNITIES

Funding opportunities for Graduate International Studies Research in collaboration with the Graduate School and Cornell Career Services

The session is from 4:30 p.m.-6 p.m. Wednesday August 25 in G08 Uris Hall. For more information, contact Heike Michelsen, director of programming, at hm75@cornell.edu or (607)255-8926

The Aspen Institute of Women World Leaders

Please check with the Career Center

<http://www.cwwl.org/studentfellows.html>

The Council's Graduate Fellowship Programs are a unique opportunity for graduate students to work directly with a leader of stature and influence, most of whom are women. The Fellows are placed in the offices of heads of state and heads of government, international organizations, foundations, major policy institutions and the Council Secretariat in Washington, D.C., and observe first hand the ways in which leadership is manifested.

Please see the website for more information

FACULTY

For faculty awards, check with the Vice Provost for Research and the Cornell database "Funding Opportunities" <http://www.research.cornell.edu/Funding/>

Research Administration Information Services offers the following online sources to assist faculty and research staff in identifying sources of funding.

The University subscribes to the [Community of Science](#) (COS) and the [Illinois Researcher Information Service](#) (IRIS), two Web-based resources for funding opportunities and alert services. For more information and instructions, go to the COS or IRIS page.

Researchers are also encouraged to utilize the [grants.gov](#) database, which is the single access point for over 900 grant programs offered by the 26 federal grant-making agencies.

Cornell also has an institutional subscription to [The Foundation Directory](#). The Directory provides access to information about public and private foundations in the U.S., including profiles and links to foundation Web sites.

Another searchable database is [GrantsNet](#), which provides information on biomedical research and science education. It contains programs that offer training and research funding for graduate and medical students, postdoctoral fellows, and junior faculty, as well as programs in science, math, engineering, and technology for undergraduate faculty and students.

Some sponsors limit the number of nominations or proposals that Cornell may submit to a particular program. These are described on the [Limited Submission Competitions](#) page.

Faculty and research staff are strongly encouraged to subscribe to the CU-RES-ADMIN-L [listserv](#). The listserv is used to disseminate timely information such as limited submission competitions, updates to sponsor applications, rate changes, and training opportunities.