

## **BONUS ANNOUNCEMENT**

### **Undergraduate Student Research Grant Opportunities**

This is a special announcement provided by the Oklahoma State Regents for Higher Education, Grant Writing and External Funding Assistance listing opportunities to support undergraduate student research programs and projects. Add your email address to the listserve at <http://lists.onenet.net/mailman/listinfo/okhigheredgrants> if you wish to be added to the direct mailing list announcements like this and regular weekly announcements. Check out the **Grant Opportunities for Oklahoma Colleges and Universities** web site at <http://www.okhighered.org/grant-opp/>.

Thank you!

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**Deadline Date** – Open

**Grant Resource** – California Academy of Sciences

**Description** – Student Internships in Folklore and Anthropology - These internships are designed as an extension of academic training and do not carry a stipend. Hours are flexible and usually run between 20 and 30 hours per week. Internships run for any eight-week period at any time of the year. Some students prefer to take an internship during the academic year, while others prefer summer vacation months. The academy is flexible. The Traditional Arts Program (TAP) offers internships to undergraduate and graduate students interested in supplementing their study of folklore or anthropology with ethnographic experience in Bay Area communities. The purpose of the internship is to provide students with practical experience in museum anthropology, and to give them the opportunity to apply academic theories and methodologies to real-life work situations.

**Size of Grant** – No stipend

**Cost Sharing or Match** – No

**Web** - <http://www.calacademy.org/research/anthropology/tap/intern.html>

**Deadline Date** – Open

**Grant Resource** – Hawk Mountain Sanctuary Association

**Description** – Ecological Research Internships - The Hawk Mountain Sanctuary offers internships in science education, ecological research, and biological survey and monitoring. Interns work together with professionals in the field and gain hands-on experience in their chosen areas of conservation. Research interns help the sanctuary study raptors and Appalachian mountain fauna and flora. Responsibilities include capturing and banding birds, studying hawk migration, conducting library research, and managing sanctuary databases. Research interns also participate in some interpretive activities for sanctuary visitors. Each research intern works with sanctuary staff on sanctuary research projects.

**Size of Grant** – Interns receive free housing at the sanctuary and a modest stipend.

**Cost Sharing or Match** – No

**Web** - <http://www.hawkmountain.org/default/internships.htm>

**Deadline Date** – TBA

**Grant Resource** – Emergency Nurses Association

**Description** – This scholarship is made possible through the generosity of the many ENA members and corporations who gave contributions to the Foundation. The scholarships are intended for a nurse (R.N., L.P.N., or L.V.N.) pursuing a baccalaureate degree in nursing.

**Size of Grant** – \$5,000

**Cost Sharing or Match** – No

**Web** - <http://www.ena.org/foundation/grants/>

**Deadline Date** – February 5, 2007

**Grant Resource** – US Department of Energy

**Description** – Summer Undergraduate Research Experience (SURE) - The approximately ten-week SURE 2007 program will run from mid-June to mid-August. The program will begin with a one-week orientation and focus session on global change research areas. The 2007 GCEP Orientation will take place June 3-9, 2007 at the University of Arkansas at Little Rock. The orientation will involve a series of lectures aimed at giving undergraduate students a detailed overview of all research areas within the BER global change activities. The students will receive more focused information on the specific area in which they expect to conduct research. Another important aspect of the SURE program will be a scientific writing course that will focus on developing the organizational and writing skills needed for the communication of scientific findings in the literature and in short research proposals. After the orientation and focus sessions are completed, the students will travel to their nine-week research assignments at national laboratories or universities conducting BER-supported global change research. Each student will have a mentor who will direct and monitor the student's summer research experience.

**Cost Sharing or Match** – No

**Web** - <http://www.atmos.anl.gov/GCEP/SURE/index.html>

**Deadline Date** – Open

**Grant Resource** – Department of Health and Human Services (DHHS)  
National Institutes of Health (NIH)

**Description** – The Postbaccalaureate IRTA program is designed to provide an opportunity to spend a year doing biomedical research in the resource-rich environment of the NIH to those who intend to continue their studies in graduate or medical school.

**Size of Grant** - \$22,200 the first year and \$23,600 the second year

**Cost Sharing or Match** – No

**Web** - <http://www.training.nih.gov/student/Pre-IRTA/previewpostbac.asp?AppType=Postbac>

**Deadline Date** – Open

**Grant Resource** – Special Olympics

**Description** – Special Olympics is pleased to offer a grant opportunity for health professions students. The purpose of this program is to engage health professions students to work with persons with intellectual disabilities as a way of filling in a gap that exists in most health program curricula. The program promotes short-term projects exploring issues that impact the health and well-being of all persons with intellectual disabilities, including, but not limited to, Special Olympics athletes. Projects may include: data collection and analysis on issues impacting persons with intellectual disabilities; measurement of attitudes, opinions and behaviors of health professionals, coaches, family, caregivers and athletes; follow-up assessments of existing programs; or health promotion projects. Projects that involve collaborations with Special Olympics Programs or other CDC grant recipients (e.g., state and local health departments) are encouraged

**Size of Grant** - \$3,500

**Cost Sharing or Match** – No

**Web** - <http://www.specialolympics.org/Special+Olympics+Public+Website/English/Initiatives/Research>

**Deadline Date** – Open

**Grant Resource** – New America Foundation

**Description** – The New America Foundation is seeking full-time Research Associates who are interested in pursuing careers in the fields of public policy research, journalism, or other related areas. Research

Associates will support the work of New America's various Strategic Initiatives Programs as well as New America's fellows. Responsibilities will include researching and reporting on a wide variety of public policy issues, organizing events, drafting background memos, editing and proofreading, tracking media clips, and performing various administrative duties.

**Size of Grant** – 6 months salary

**Cost Sharing or Match** – No

**Web** - <http://www.newamerica.net/index.cfm?pg=app#InternSix>

**Deadline Date** – Ranging from January 2007 through April 2007

**Grant Resource** – National Science Foundation

**Description** – 1. National Science Foundation Science and Technology Center Undergraduate Research Experience - The National Science Foundation (NSF) Science and Technology Center (STC) Undergraduate Research Experience is an opportunity to gain hands-on research experience in a cutting edge field. Each center has a specific research focus, but as a whole, the programs focus on such fields as the biological sciences, computer and information sciences, engineering, geosciences, and mathematical and physical sciences. The Division of Undergraduate Education (DUE) serves as the focal point for NSF's efforts in undergraduate education. DUE's mission is to promote excellence in undergraduate science, technology, engineering, and mathematics (STEM) education for all students, including STEM majors, prospective teachers of grades preK through 12 (preK-12), students preparing for the technical workplace, and students in their role as citizens.

1. [Advanced Technological Education \(ATE\)](#)

The program promotes improvement in the education of technicians in science- and engineering-related fields at the undergraduate and secondary school levels. It particularly targets 2-year colleges and encourages collaboration among 2-year colleges, 4-year colleges, universities, secondary schools, business, industry, and government. The program funds projects, centers, and articulation partnerships.

2. [Computer Science, Engineering, and Mathematics Scholarships \(CSEMS\)](#)

The CSEMS Program provides institutions with funds to support scholarships for talented but financially disadvantaged students in computer science, computer technology, engineering, engineering technology, or mathematics degree programs. Through support from this program, grantee institutions establish scholarships that promote full-time enrollment and completion of degrees in higher education

3. [Course, Curriculum, and Laboratory Improvement \(which includes the Assessment of Student Achievement\) \(CCLI\)](#)

The CCLI Program seeks to improve the quality of science, technology, engineering, and mathematics (STEM) education for all students, based on research concerning the needs and opportunities that exist and effective ways to address them. It targets activities affecting learning environments, course content, curriculums, and educational practices, with the aim of contributing to the relevant research base. The program invites proposals to improve undergraduate STEM education in a broad spectrum of institutions, including 2-year colleges, 4-year colleges, and universities. The program funds materials development, national dissemination, adaptation and implementation, and student achievement assessment.

4. [Federal Cyber Service: Scholarship for Service \(SFS\)](#)

The SFS Program seeks to increase the number of qualified students entering the fields of information assurance and computer security and increase the capacity of higher education enterprise in the United States in order to continue producing professionals in these fields. The program funds scholarships and capacity building.

5. [NSF Director's Award for Distinguished Teaching Scholars \(DTS\)](#)

The purpose of the DTS Program is to recognize and reward individuals who have contributed significantly to the scholarship of their discipline and to the education of students in science, technology, engineering, and mathematics (STEM), and who exemplify the ability to engage productively in both research and education.

6. [National Science, Technology, Engineering, and Mathematics Education Digital Library \(NSDL\)](#)

The goal of the NSDL Program is to support the creation and development of a national digital library for science, technology, engineering, and mathematics (STEM) education. The resulting virtual facility--learning environments and resources network for STEM education--is intended to meet the needs of students and teachers at all levels, including K-12, undergraduate, graduate, and lifelong learning, in both individual and collaborative settings. The program funds collections, services, and targeted research.

7. [Robert Noyce Scholarship Program](#)

The Robert Noyce Scholarship Program seeks to increase the number of K-12 teachers with strong science, technology, engineering, and mathematics (STEM) content knowledge by encouraging talented STEM undergraduates and STEM professionals to pursue teaching careers in elementary and secondary schools. The program provides funding to institutions of higher education to provide scholarships, stipends, and programmatic support for STEM majors and STEM professionals to enter and complete teacher credentialing programs. Scholarship recipients are required to complete two years of teaching in a high need school district for each year of scholarship or stipend support.

8. [Science, Technology, Engineering, and Mathematics Talent Expansion Program](#) (STEP)

STEP seeks to increase the number of students (U.S. citizens or permanent residents) pursuing and receiving associate or baccalaureate degrees in established or emerging fields within science, technology, engineering, and mathematics (STEM). The program funds projects of full implementation and research on degree completion.

9. [Teacher Professional Continuum](#) (TPC)

TPC addresses the full continuum of teacher education (grades K–12) from recruitment and preparation through enhancement, retention, and lifelong learning of SMT teachers. TPC supports research studies that identify effective strategies for educating, developing, and impacting results of teachers; development of educational models; professional resources development that are grounded in recent advances in research on teaching and learning; and conferences that focus on planning and dissemination of research findings, issues, innovations, and action plans.

**Cost Sharing or Match** – No

**Web** - <http://www.nsf.gov/od/lpa/news/publicat/nsf04009/ehr/duet.htm>  
<http://www.nsf.gov/od/lpa/news/publicat/nsf04009/ehr/duet.htm#3>

**Deadline Date** – February 1, 2006 and October 1, 2007

**Grant Resource** – Smithsonian Institution

**Description** – Appointments are offered to Native American students to pursue internship projects related to Native American topics and using Native American resources at the Smithsonian Institution. Appointments are spent in residence at the institution's facilities under the supervision of Smithsonian research and professional staff members.

**Size of Grant** - \$400/week for 10 weeks in summer

**Cost Sharing or Match** – No

**Web** - <http://www.si.edu/ofg/intern.htm#iofg>

**Deadline Date** – February 1, 2007, April 1, 2007, and October 1, 2007

**Grant Resource** – Smithsonian Institution (SI), Smithsonian Tropical Research Institute (STRI)

**Description** – The objective of this program is to enable selected interns to develop working skills that are pertinent to future careers in a variety of topics. The program is aimed at undergraduate or early-stage graduate students who have demonstrated potential for careers in these topics.

**Size of Grant** – \$400/wk for 10 wks; other stipend amounts

**Cost Sharing or Match** – No

**Web** – <http://www.si.edu/ofg/intern.htm>

**Deadline Date** – December 15, 2006, March 15, 2007 and July 15, 2007

**Grant Resource** – The Aspen Institute

**Description** – The Nonprofit Sector Research Fund (NSRF), a grantmaking program of the Aspen Institute in Washington, District of Columbia, offers the William Randolph Hearst Endowed Fellowship for Minority Students three times annually. Through this program, the NSRF seeks to introduce a diverse group of students to issues relating to philanthropy, volunteerism, and nonprofit organizations. The fellowship, which is based on academic excellence and need, is open to both undergraduate and graduate students who are members of minority groups.

**Size of Grant** - \$5,000

**Cost Sharing or Match** – No

**Web** - [http://www.nonprofitresearch.org/newsletter1530/newsletter\\_show.htm?doc\\_id=16318](http://www.nonprofitresearch.org/newsletter1530/newsletter_show.htm?doc_id=16318)

**Deadline Date** – November 1, 2006

**Grant Resource** – US Department of Commerce

**Category** – Summer Undergraduate Student Research - Program Administration Collaborative Agreement

Description – National Oceanic and Atmospheric Administration's Office of Education (OEd), Educational Partnership Program is announcing the availability of Federal assistance for a not-for-profit organization to **administer** its Undergraduate Scholarship Program. The goal of the Undergraduate Scholarship Program is to increase the number of students who undertake course work and graduate with degrees in the targeted areas integral to NOAA's mission. This program targets students who have completed their sophomore year; attend Minority Serving Institutions; major in mathematics, science, or engineering; and have recently declared, or about to declare a major in atmospheric, oceanic, remote sensing technology, or environmental science disciplines. The Undergraduate Scholarship participants must be U.S. citizens and attend an MSI including Hispanic Serving Institutions, Historically Black Colleges and Universities, Tribal College and Universities, Alaska-Native Serving Institutions, and Native Hawaiian Serving Institutions full-time, be pursuing studies in atmospheric science, biology, cartography, chemistry, computer science, engineering, environmental science, geodesy, geography, marine science, mathematics, meteorology, physical science, oceanography, marine biology, photogrammetry, or physics. Participants must have, and maintain, a 3.0 grade point average.

**Size of Grant** - \$1,000,000 for program administration (\$4,000 to \$70,000 for scholarships)

**Cost Sharing or Match** – No

**Web** - <http://www.grants.gov/search/announce.do>

**Deadline Date** – February 28, 2007

**Grant Resource** – US Department of Health and Human Services

**Description** – The National Institutes of Health (NIH) Undergraduate Scholarship Program (UGSP) offers scholarship awards to students from disadvantaged backgrounds that are committed to careers in biomedical research. Students commit to a 10-week summer service program and one year research employment in an NIH laboratory after graduation.

**Size of Grant** - \$20,000/student

**Cost Sharing or Match** – No

**Web** - [http://www.ugsp.nih.gov/application\\_center/application\\_center.asp](http://www.ugsp.nih.gov/application_center/application_center.asp)

**Deadline Date** – March 1, 2007

**Grant Resource** – American Society of Pharmacology and Experimental Therapeutics (ASPET)

**Description** – The American Society for Pharmacology and Experimental Therapeutics (ASPET) offers the Summer Undergraduate Research Fellowships (SURF) to introduce undergraduate students to pharmacology research in order to heighten interest in science as a career, with an emphasis on pharmacology graduate training. As part of SURF, Individual Fellowships provide funds for qualified undergraduate students to work in the laboratory of a Regular member of ASPET. It is anticipated that the student will work on a research project with some degree of independence for a minimum of 10 weeks. Program Directors are expected to sponsor SURF Fellows for Student Membership in ASPET at the beginning of their summer experience. Undergraduate students pay no dues.

**Size of Grant** – \$2,500

**Cost Sharing or Match** – No

**Web** - <http://www.aspet.org/public/surf/surf.htm>

**Deadline Date** – October 1, 2006

**Category** – Institutional Awards

**Grant Resource** – American Society of Pharmacology and Experimental Therapeutics (ASPET)

**Description** - A group of at least five ASPET Regular members from one institution may wish to apply for support for an undergraduate fellowship program, to include up to five students stipends for a minimum of ten weeks participation. Program Directors are expected to sponsor SURF Fellows for student membership in ASPET at the onset of their summer research experience. *Undergraduate student membership in ASPET is free.*

**Size of Grant** – 5 student stipends + \$7,500 program support

**Cost Sharing or Match** - \$5,000

**Web** - [http://www.aspet.org/public/surf/surf.htm#Institutional\\_awards](http://www.aspet.org/public/surf/surf.htm#Institutional_awards)

**Deadline Date** – March 15, 2007 and October 15, 2007

**Grant Resource** – Geological Society of America

**Description** – The South-Central Section of the Geological Society of America sponsors a program to offer grants to support individual research by undergraduate students attending universities and colleges within the section (Arkansas, Kansas, Oklahoma, Texas and Louisiana). Each university or college may submit any number of proposals.

**Size of Grant** - \$500

**Cost Sharing or Match** – No

**Web** - <http://www.geosociety.org/sectdiv/southc/rgrant.htm>

**Deadline Date** – March 15, 2007 and September 15, 2007

**Grant Resource** – National Archives and Records Administration

**Description** – Grants defray travel, living, and photocopy expenses for research trips to the Ford Library. Foreign applicants are responsible for the costs of travel between their home country and North America, since the grants only cover travel within North America.

**Size of Grant** – \$2,000

**Cost Sharing or Match** – No

**Web** – <http://www.ford.utexas.edu/library/hpgrants.htm>

**Deadline Date** – May 16, 2007 (Applications will be accepted until the program is full.

Initial selection of participants will begin May 30, 2007.)

**Grant Resource** – Bermuda Biological Station for Research, Inc.

**Description** – The Bermuda Biological Station for Research (BBSR) has received National Science Foundation Research Experiences for Undergraduates (REU) funding to support fellowships for undergraduate student research at BBSR during the fall semester. Students will design and conduct independent projects under faculty supervision within several research areas, including:

1. Biology, chemistry and physics of the open ocean  
2. Biology, physiology and biochemistry of reef building corals and reef ecosystems  
3. Aspects of the molecular biology of marine organisms  
4. Environmental chemistry of Bermuda's atmosphere and inshore waters  
5. Effects and consequences of global environmental change

**Size of Grant** - \$3,240

**Cost Sharing or Match** – No

**Web** - <http://www.bbsr.edu/Education/reu/reu.html>

**Deadline Date** – June 1, 2007

**Grant Resource** – Biomedical Engineering Society

**Description** – Up to five undergraduate student awards will be given, consisting of a certificate, a stipend of \$400, registration for the BMES Annual Fall Meeting, and travel expenses up to \$400; if there is more than one author or winner, the award is to be shared among the winners.

**Size of Grant** – \$1,000

**Cost Sharing or Match** – No

**Web** - [http://www.bmes.org/awards\\_student.asp](http://www.bmes.org/awards_student.asp)

**Deadline Date** – August 28, 2007

**Grant Resource** – American Chemical Society (ACS), Division of Biochemical Technology (BIOT)

**Description** – The W. H. Peterson Awards for Best Student Presentations are annually awarded to students who present outstanding research work in sessions sponsored by the Division of Biochemical Technology (BIOT) at American Chemical Society (ACS) national meetings.

**Size of Grant** – \$1,000 + \$250 materials ordering credit

**Cost Sharing or Match** – No

**Web** - [http://membership.acs.org/b/biochem/peterson\\_announcement.html](http://membership.acs.org/b/biochem/peterson_announcement.html)

**Deadline Date** – November 15, 2007

**Grant Resource** – Institute of Industrial Engineers

**Description** – The Dwight D. Gardner Scholarship is available to undergraduate students enrolled in any school in the United States and its territories, Canada, and Mexico, provided the school's engineering program or equivalent is accredited by an accrediting agency recognized by IIE and the student is pursuing a course of study in industrial engineering.

**Cost Sharing or Match** – No

**Web** – <http://www.iienet.org/public/articles/index.cfm?cat=525>

**Deadline Date** – November 15, 2007

**Grant Resource** – Institute of Industrial Engineers

**Description** – The UPS Scholarship for Female Students is available to undergraduate students enrolled in any school in the United States and its territories, Canada, and Mexico, provided the school's engineering program or equivalent is accredited by an accrediting agency recognized by IIE and the student is pursuing a course of study in industrial engineering.

**Cost Sharing or Match** – No

**Web** – <http://www.iienet.org/public/articles/index.cfm?cat=525>

**Deadline Date** – November 15, 2007

**Grant Resource** – Institute of Industrial Engineers

**Description** – The UPS Scholarship for Minority Students is available to undergraduate students enrolled in any school in the United States and its territories, Canada, and Mexico, provided the school's engineering program or equivalent is accredited by an accrediting agency recognized by IIE and the student is pursuing a course of study in industrial engineering.

**Cost Sharing or Match** – No

**Web** – <http://www.iienet.org/public/articles/index.cfm?cat=525>

**Deadline Date** – As Soon as Possible

**Grant Resource** – National Science Foundation

**Category** – Student Research Fellowships

**Description** – The Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs seek to fund supplements to current SBIR/STTR Phase II awards that: 1) foster interest in pursuing studies in science, technology, engineering and mathematics (STEM) disciplines; and 2) broaden participation of high school students, particularly those who are women, underrepresented minorities, and persons with disabilities. The Principal Investigator must be the PI of an active SBIR/STTR Phase II award.

**Size of Grant** – \$6,000/student/yr + 25% for administration

**Cost Sharing or Match** - No

**Web** - <http://www.nsf.gov/pubs/2006/nsf06003/nsf06003.jsp>

**Deadline Date** – November 29, 2006

**Grant Resource** – Environmental Protection Agency

**Category** – Research and Training Internships

**Description** – Funds are available to provide-on-the-job training for graduate and undergraduate students from accredited universities and colleges interested in careers in the environmental area. The programmatic objective of the Intern Programs is to provide unique opportunities for cooperative study, research, and development that would increase the number and diversity of skilled engineers, scientists, policymakers, legal professionals, and managers in the environmental area.

**Size of Grant** – 2 awards totaling \$5 million - \$450-\$750/wk/intern

**Cost Sharing or Match** - No

**Web** - [http://es.epa.gov/ncer/rfa/2007/2007\\_star\\_gro\\_undergrad.html](http://es.epa.gov/ncer/rfa/2007/2007_star_gro_undergrad.html)

**Deadline Date** – February 13, 2006

**Grant Resource** – US Department of Commerce

**Category** – Undergraduate Scholarship Program Administration

**Description** – The Commerce Department is soliciting proposals from nonprofit organizations to administer its Undergraduate Scholarship Program. This program targets students who have completed their sophomore year, attend Minority Serving Institutions, and have recently declared, or about to declare a major in atmospheric, oceanic, remote sensing technology, or environmental science disciplines.

**Size of Grant** – \$500,000 for 2 year project

**Cost Sharing or Match** – No

**Web** – <http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/E5-7398.htm>

**Deadline Date** – March 21, 2006

**Grant Resource** – National Science Foundation

**Category** – Undergraduate Research in Chemistry

**Description** – The Undergraduate Research Collaboratives (URC) Program seeks new models and partnerships with the potential (1) to expand the reach of undergraduate research to include first- and second-year college students; (2) to broaden participation and increase diversity in the student talent pool from which the nation's future technical workforce will be drawn; and (3) to enhance the research capacity, infrastructure, and culture of participating institutions. Collectively, these outcomes will substantially strengthen the nation's research enterprise. For this program, research should be in the chemical sciences or in interdisciplinary areas supported by the chemical sciences. Projects should allow students to create new knowledge that is potentially publishable by providing exposure to research of contemporary scientific interest that is addressed with modern research tools and methods.

**Size of Grant** - 5 years at up to \$500,000 per year plus up to an additional \$200,000 in the first year for equipment

**Cost Sharing or Match** – No

**Web** - <http://www.nsf.gov/pubs/2006/nsf06521/nsf06521.htm>

**Deadline Date** – March 21, 2006

**Grant Resource** – National Science Foundation

**Category** – Informal Science Education

**Description** – The ISE program invests in projects that develop and implement informal learning experiences designed to increase interest, engagement, and understanding of science, technology, engineering, and mathematics (STEM) by individuals of all ages and backgrounds, as well as projects that advance knowledge and practice of informal science education. Projects may target either public audiences or professionals whose work directly affects informal STEM learning. ISE projects are expected to demonstrate strategic impact, innovation, and collaboration. The ISE program invests in projects that directly target public audiences for self-directed STEM learning through such means as permanent and traveling exhibitions; films; television and radio series; web-based projects; citizen science programs; and youth and community programs. In addition, the program supports projects that target ISE professionals to further knowledge and the implementation of practice, such as through research studies, conferences, formation of networks, and professional development; these projects should strengthen the infrastructure for informal science learning by the public. (Note that this program does *not* fund operational or capital expenses, vehicles, major or office equipment, tuition, school field trips, camps, science fairs or other competitions, or projects whose primary focus is health or medicine.) Although ISE encourages projects to support formal education, the primary audience must be informal;

**Size of Grant** – ISE Project Grants - 1-5 yr projects, \$100,000-\$3 million; Planning Grants - \$75,000 for 2 yr; Conference, Symposia, and Workshop Grants - \$50,000 to \$250,000 for 2 yr; Grant Supplements - \$200,000 or 20% of the original award.

**Cost Sharing or Match** – No

**Web** - <http://www.nsf.gov/pubs/2006/nsf06520/nsf06520.htm>

**Deadline Date** – Applications are reviewed by DoE beginning February 1, 2007

**Grant Resource** – National Science Foundation

**Category** – Cooperative Program - NSF and Department of Energy (faculty and students) to Participate

**Description** – The Principal Investigators (PIs) of National Science Foundation (NSF) awards managed by one of the NSF programs serving STEM education that often has participation by faculty,

undergraduate students and/or pre-service teachers (see list below) are invited to consider participating in a cooperative effort between NSF and the Department of Energy (DoE) Office of Science. Advanced Technological Education (ATE); Centers for Learning and Teaching (CLT); Centers of Research Excellence in Science and Technology (CREST); Computer Science, Engineering, and Mathematics Scholarships (CSEMS); Research on Gender in Science and Engineering (GSE); Historically Black Colleges and Universities Undergraduate Program (HBCU-UP); Louis Stokes Alliances for Minority Participation (LSAMP); Model Institutions for Excellence (MIE); Math and Science Partnership (MSP): Comprehensive and Targeted Projects; Robert Noyce Scholarship Program; NSF Collaboratives for Excellence in Teacher Preparation (CETP); Research in Disabilities Education (RDE); Science, Technology, Engineering, and Mathematics Teacher Preparation (STEMTP); Teacher Professional Continuum (TPC) Program; Tribal Colleges and Universities Program (TCUP). To support the continued leadership of the United States in science, technology, engineering, and mathematics (STEM) and the continued development of a competitive, diverse STEM workforce, NSF and DoE are implementing collaboration between the agencies' programs for the development of human resources in STEM. As an immediate result of this effort, during FY 2006 NSF will support students and faculty from participating NSF projects (see list above) who are accepted as participants in one of four DoE initiatives that provide hands-on research opportunities in DoE national laboratories during the summer: Science Undergraduate Laboratory Internships (SULI), Faculty and Student Teams (FaST), Community College Institute of Science and Technology (CCI), and Pre-Service Teacher (PST) Internships. You are invited to encourage appropriate students and faculty to apply for these opportunities and, if DoE approves their applications, to then request supplemental funding from NSF to support their participation.

**Science Undergraduate Laboratory Internships (SULI)** target undergraduate students who have not had an opportunity to work in an advanced scientific research environment, especially students belonging to groups underrepresented in fields of science, mathematics, engineering, and technology. <http://www.scied.science.doe.gov/scied/erulf/about.html>

**Faculty and Student Teams (FaST)** provides opportunities for college professors and students to participate in a 10-week highly interactive and stimulating immersion experience in a research environment in a DoE laboratory. [http://www.scied.science.doe.gov/scied/sci\\_ed.htm](http://www.scied.science.doe.gov/scied/sci_ed.htm)

**Community College Institutes (CCI)** places students from community colleges in paid internships in Science and Engineering and Technology. <http://www.scied.science.doe.gov/scied/CCI/about.html>

**Pre-Service Teacher (PST)** Internships target students who are preparing to become teachers of science, mathematics, and technology at elementary and secondary schools. <http://www.scied.science.doe.gov/scied/PST/about.htm>

**Size of Grant** – \$4,500/student for SULI, CCI and PST; 13 awards of up to \$12,000 for FaST

**Cost Sharing or Match** – No

**Web** - <http://www.nsf.gov/pubs/2006/nsf06522/nsf06522.jsp>