



December 2008

The American Indian Program *Newsletter*

Happy Holidays!



Scholarships/Internships/Job Opportunities

Scholarships/Internships

Native American Congressional Internship Program

Contact: Colin R. Ben, Program Manager, Native American Congressional Internship Program, Morris K. Udall Foundation, 130 South Scott Ave., Tucson, AZ 85701-1922

Email: ben@udall.gov

Phone: (520) 901-8568

Fax: (520) 901-8570

Website: www.udall.gov

As a reminder, the Morris K. Udall Foundation is pleased to announce our 2009 Internship Program!

The Native American Congressional Internship Program is a ten-week summer internship in Washington, DC, for Native American and Alaska Native undergraduate, graduate and law students. Students are placed in Congressional offices, committees, or select agencies to experience an insider's view of the federal government and learn more about the federal government's trust relationship with tribes. The Foundation provides round-trip airfare, housing, per diem, and a \$1,200 educational stipend. Applications must be received at the Foundation by January 30, 2009.

NEW! If you have questions about the Internship Program, please feel free to contact our Alumni Mentors.

Also, you are welcome to watch our recruiting video, which features the Udall Class of 2006.

Interested students may contact me at the information below. I look forward to hearing from you and receiving your application!

8th Annual Student Leadership Institute at Cornell

Contact: Student Activities Office, Cornell University, 5th floor Willard Straight Hall, Ithaca, NY 14853

Phone: (607) 255-4169

Fax: (607) 255-1116 (fax)

Web: <http://sao.cornell.edu>

The Student Activities Office is pleased to open the application process for the 8th Annual Student

Leadership Institute at Cornell. This year's institute will take place on Sunday, February 8 in Willard Straight Hall.

Details about the institute, including the on-line application form and schedule of events, can be found on-line at: <http://www.activities.cornell.edu/slic>. We hope you'll consider taking part in this outstanding leadership opportunity!

NIDDK/OMHRC Summer Internship Program (SIP)

Undergraduate Summer Research Training Program for Underrepresented Minorities

Applications may be submitted electronically or via fax to: Ms. Winnie Martinez, Program Analyst, Office of Minority Health Research Coordination, National Institute of Diabetes and Digestive and Kidney Diseases, NIH, II Democracy Plaza, 6707 Democracy Boulevard, Room 648, Bethesda, MD 20892, Tel:

Phone: (301) 435-2988

Fax: (301) 594-9358,

Email: MartinezW@mail.nih.gov

Deadline: February 15

The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) through the Office of Minority Health Research Coordination invite students to submit their application for the Summer Research Training Program. This program is specific to those that are underrepresented minorities: African American, Hispanic American, Native American, Alaska Native, Native Hawaiians, and other Pacific Islanders. Successful applicants will join one of NIDDK's research laboratories in Bethesda, Maryland or Phoenix, Arizona for ten weeks beginning in June through first week of August.

At the end of the summer, students participate in the NIH Summer Research Program Poster Day. This provides an opportunity for students to present their work before the NIH scientific community. Students are also expected to participate in meetings and seminars in their individual laboratories. In addition, with permission from their preceptors, students may also attend formal lectures and symposia, which are listed in the weekly "NIH Calendar of Events." The NIH Calendar of Events is only available for students working at the NIH campus in Bethesda, Maryland.

Research performed by the laboratories and branches of the NIDDK covers an extraordinarily diverse area but is unified by a commitment to excellence in both basic and clinical investigation. The basic science laboratories include outstanding groups in many facets of modern molecular biology, structural biology, including x-ray crystallography and NMR, cell biology, and pharmacology. Systems under study include viruses, prokaryotes and eukaryotes, including yeast and mammalian cells. Developmental biology is represented by studies ranging from those on cellular slime molds to those on mouse oocyte development. Several laboratories use the most up-to-date techniques in receptor pharmacology, natural products chemistry, and organic chemistry to study a wide variety of compounds, particularly neuroactive agents. Not only biochemical but also mathematical and physical chemical methods are applied to a variety of fundamental problems.

The clinical branches of NIDDK combine basic science and clinical investigation with patient care. Several branches study endocrine diseases and general aspects of signal transduction, including growth factor and hormone action. Molecular biologic and molecular genetic techniques have been used to elucidate specific gene mutations representing the underlying defect in a variety of diseases, including thyroid hormone resistance, certain forms of diabetes, and other disorders of signal transduction. Several NIDDK scientists have created transgenic and knockout mice models of human diseases.

The Institute's Epidemiology and Clinical Research Branch (PECRB) in Phoenix, Arizona, conducts studies on the Pima Indians, a population with an extraordinarily high incidence of diabetes and obesity. The scientific mission of the PECRB is to determine the etiology of type 2 diabetes mellitus as it occurs among Pima Indians of Arizona.

Program Highlights:

- Independent research in a NIH laboratory;
- Weekly research and career development seminars;
- Summer seminar series where senior NIH investigators discuss the latest developments in biomedical research.
- Poster presentation
- Will be required to attend courses in Ethics in Research and Lab Safety.

- Students will be paired with post baccalaureates or postdoctoral fellows for informal guidance.
- Bi-weekly informal meetings with OMHRC staff.

Eligibility:

- Undergraduate students who have completed at least 1 year at an accredited institution
- U.S. Citizen or permanent resident status
- Minimum of 3.0 GPA

Provisions:

- Student Participation Allowance (\$2,500)
- Housing

(This is a residential program. Students will share a fully furnished apartment a short distance from the NIH campus. Four students will be housed in a two-bedroom apartment and two students will be housed in a one-bedroom apartment)

- Travel expenses to Bethesda, Maryland or Phoenix, Arizona (up to \$500)

Location and Duration:

- 10 weeks, starting in June through mid-August.
- Bethesda, Maryland or Phoenix, Arizona

Application Procedure:

- Complete the on-line application at <http://SIP.nidDK.nih.gov> or print and complete a paper copy. Please type or print neatly in blue/black ink only and fax or email to Ms. Winnie Martinez, contact information below. Be sure to keep your contact information updated at all times.
- Include a copy of your curriculum vitae.
- Submit two letters of recommendation from faculty members/advisors who can address your intellectual and personal suitability for the Program.
- Personal Statement - Describe your research interest, career goals, and reasons for applying to this program. Do not exceed two pages; double-space.
- Official Transcript - The official college transcript mailed directly from your school.
- Application Submission

Submission of completed applications before the deadline is strongly encouraged.

National Indian Health Board's Public Health Summer Fellows Program

Contact: Morehouse School of Medicine, Public Health Summer Fellows Program, 720 Westview Drive, SW, NCPC Building, Room 336, Atlanta, GA 30310-1495

Phone: (404) 752-1924

Fax: (404) 752-1160

Deadline: February 27, 2009.

The National Indian Health Board's public health summer fellows program - created to attract American Indian and Alaska Native college students to public health careers - is receiving applications for its 2009 session.

The National Indian Health Board is pleased to announce its second annual NIHB Public Health Summer Fellows Program, in partnership with the CDC and the Morehouse School of Medicine.

NIHB would like to reach a large number of interested American Indian and Alaska Native candidates and we need your help. Please encourage promising young college students or recent college graduates to apply to this summer's fellowship!

2009 NIHB Public Health Summer Fellowship

The National Indian Health Board (NIHB) believes in the importance of building the public health workforce, where American Indians and Alaska Natives have the capacity to address the health needs of their own communities.

Committed to this goal, NIHB has partnered with the Morehouse School of Medicine, the Center for Disease Control and Prevention (CDC), Emory University Rollins School of Public Health and the Minority Health Professions Foundation to implement the second annual NIHB Public Health Summer Fellowship Program for American Indian and Alaska Native students. The program is designed to introduce and expose American Indians and Alaska Natives students to public health careers.

Program Outline:

Based in Atlanta, Georgia, the NIHB Public Health Summer Fellows program is an academically rigorous and intensive nine (9) week summer program. Students will experience firsthand the excitement, relevance and promise of careers in Public Health.

The program's focus includes:

- Principles of Epidemiology
- Disease Surveillance/Investigation
- Community Based Public Health Research

The program commences with a one-week course to provide students with a foundation in the principles of epidemiology. The program then combines this academic knowledge with direct hands-on field experience. Using the combined resources of program sponsors and collaborators, students are placed into community based public health internships. During this nine-week fellowship, participants work with professional mentors who are at the forefront of researching the nation's priority public health issues. Students will participate in weekly seminars and learn how to analyze important health policy, programming and research issues. During the final week of the program Fellows participate in a symposium and provide oral presentations on their internship experiences.

Selection Criteria:

Applicants must be U.S. citizens and enrolled as rising junior or senior undergraduate students or have received an undergraduate degree within six months prior to the application deadline. Applicants must be American Indian or Alaska Native and be able to provide supporting documentation as we move forward with the award process.

Student selection is based on criteria of:

- GPA
- Statement of Interest (student essay)
- Recommendations
- Leadership ability and skill

Stipend:

Participants will receive a \$ 2,000 stipend upon completion of the program. Housing, meals, local public transportation cost, and travel to and from Atlanta are provided.

Application and Admissions:

Applications for the NIHB Public Health Summer Fellowship are available online:

http://web.msm.edu/Public_Health/PHSF/PHSF_app.asp

Please be sure to write within your application that you are applying for the NIH Public Health Summer Fellowship. The completed application packet must include the following items: an application, resume, letters of recommendation and a statement of interest and career objectives. Official transcripts must be mailed directly from academic institutions. Completed packages and transcripts must be received by the application deadline.

Please be sure mail all applications directly to the Morehouse School of Medicine.

Description of the General Program: <http://web.msm.edu/mph/publichealth.htm>

NSF REU Program Grants for College and University Application

Location: All over the US and in other countries

Deadline: June 5, 2009

Subjects: Any research topic funded by NSF

Web: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517&org=NSF

Description: The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This solicitation features two mechanisms for support of student research: (1) REU Sites are based on independent proposals to initiate and conduct projects that engage a number of students in research. REU Sites may be based in a single discipline or academic department, or on interdisciplinary or multi-department research opportunities with a coherent intellectual theme. Proposals with an international dimension are welcome. A partnership with the Department of Defense supports REU Sites in DoD-relevant research areas. (2) REU Supplements may be requested for ongoing NSF-funded research projects or may be included as a component of proposals for new or renewal NSF grants or cooperative agreements. Undergraduate student participants in either Sites or Supplements must be citizens or permanent residents of the United States or its possessions. Students may not apply to NSF to participate in REU activities. Students apply directly to REU Sites and should

consult the directory of active REU Sites on the Web at http://www.nsf.gov/crssprgm/reu/reu_search.cfm.

NASA Undergraduate Student Research Program

Location: Glenn Research Center (GRC), Cleveland, Ohio; Jet Propulsion Laboratory (JPL), Pasadena, California; Johnson Space Center (JSC), Houston, Texas; Langley Research Center (LaRC) Hampton, Virginia

Program Dates: Spring 2009; Summer 2009 (USRP experiential opportunities are offered year round in the fall, summer and spring)

Deadline: Spring 2009 October 17, 2008; Summer 2009 January 12, 2009

Pay: \$6,000 summer; \$9,000 fall and spring + round trip transportation costs

Subjects: engineering, science, and mathematics

Description: Students work on practical problems that will see real applications in aerospace or on future NASA missions.

Web: <http://www.epo.usra.edu/usrp/>

REU Program in Earth Sciences and Astrophysics at the American Museum of Natural History

Location: American Museum of Natural History, New York, NY

Subjects: evolutionary biology and physical sciences

Description: Included in the program are a general orientation to the Museum and a series of weekly meetings at which students discuss their research, present informal progress reports, and participate in discussions and seminars regarding systematics and phylogeny as well as graduate and research career opportunities. At the conclusion of the internships, students deliver oral presentations of their work and prepare publication quality research papers.

Web: http://rggs.amnh.org/pages/academics_and_research/fellowship_opportunities#REU

Keck Northeast Astronomy Consortium

Location: Colgate University, Middlebury College, Vassar College, Wesleyan University, Haverford College, Swarthmore College, Wellesley College, Williams College

Program Dates: 10 weeks summer 2009

Deadline: February 2009

Pay: \$4,000

Subjects: astronomy

Web: <http://astro.swarthmore.edu/knac/>

Description: The REU program runs for 10 weeks, with the start date determined by each individual faculty member. Students participating in the REU program are required to present their work at the Fall Student Research Symposium. Because the symposium facilitates interactions between students and faculty from the various schools, faculty advisors of applicants from non-consortium schools are encouraged to contact Prof. Kim McLeod at Wellesley College (kmcleod -at- wellesley.edu) for information about the summer exchange program.

Research Experience for Undergraduates in Astronomy and Engineering

Location: McDonald Observatory in the Davis Mountains, Texas

Program Dates: June 8 – August 16, 2009

Deadline: February 10, 2009

Pay: \$2,200 + all housing and meals

Subjects: astronomy, engineering

Web: <http://www.as.utexas.edu/reu/>

Description: The students will have the opportunity to spend a few nights working with the public groups at the McDonald Observatory Visitor Center. This world class hands on astronomy museum will put into perspective the roll of astronomical research and major research facilities in public education. One of the last weekends in the program will be spent in a trip to other nearby observatories in New Mexico. Weekend trips to Big Bend National Park, Carlsbad Caverns, Monahans Sandhills, Roswell N.M., Natural Springs and Guadalupe National Park are possible. The local town of Fort Davis offers an authentic small town Americana experience including a fourth of July parade where the observatory staff rides on the observatory fire truck. Because the observatory is a dynamic place with changing engineering priorities the exact projects will be chosen and documented after the deadline for applications are due.

Program: MSU Physics Department Solar Physics /Astronomy & Space Physics REU Program

Location: Montana State University

Program Dates: Deadline: February 1, 2009

Pay: \$4,630 plus a \$330 food allowance + travel costs + room

Subjects: unix/linux/Solaris computing, numerical modeling, data analysis Undergraduate Student Research Programs - 2 - Updated on 12/2/2008 3:55:00 PM

Web: <http://solar.physics.montana.edu/REU/>

Description: Most projects involve analysis of data from space missions such as Yohkoh, SOHO, TRACE, RHESSI and Hinode and ground-based observatories. Experience has shown that data analysis projects are suitable for most undergraduates at the sophomore or junior level. Additionally, each year there are a few opportunities in the solar-stellar connection (dynamo theory, data analysis), solar magneto-hydrodynamics, and space hardware development. The summer months in Montana offer outstanding opportunities for outdoor recreation and other activities associated with the university and the community. Surrounded by spectacular mountains and rivers, Bozeman is within easy driving distance of Yellowstone and Glacier National Parks.

National Astronomy and Ionospheric Center Research Experience for Undergraduates

Location: Cornell University, Ithaca, NY

Deadline: February 2, 2009

Subjects: radar, radio astronomy and atmospheric science

Web: http://www.naic.edu/science/summer_set.htm

Description: Each summer, Arecibo Observatory hosts at least six students and one Puerto Rican teacher for 10 weeks. The students work with staff scientists on projects related to ongoing research or instrumentation development programs. Research may be conducted in atmospheric science, radio astronomy, or planetary radar astronomy. The students are exposed to the interdisciplinary character of this unique research facility through lectures by the staff and visiting scientists, tours of the Observatory facilities, hands-on labs, and frequent informal discussions with graduate students and scientists. A seminar series provides the students with a background in the major areas of research conducted at the Observatory and introduces them to the exciting science currently being done here. Students usually have the opportunity to conduct their own independent group observing experiment with the telescope. A bonus of our program is the opportunity to explore the beautiful island of Puerto Rico and its culture.

University of Michigan Biosphere-Atmosphere Studies in a Changing Global Environment

Location: University of Michigan Biological Station

Program Dates: June 20-August 15, 2009

Deadline: February 2, 2009

Pay: \$4,400 + travel and research supply allowance

Subjects: biosphere, atmosphere studies, global environment

Web: <http://www.lsa.umich.edu/umbs/>

Description: The REU Program at the University of Michigan Biological Station (UMBS) is a truly interdisciplinary experience in scientific research in "biosphere-atmosphere studies in the changing global environment." The program provides hands-on experience and training in field biology and atmospheric students with all phases of research, from hypothesis formulation and data gathering to analysis, interpretation, and communication of scientific findings. During this eight-week program, students will: Work closely with a selected mentor/professor as part of an on-going research project; Design, conduct, analyze, and report on a research project of their own; Participate in special workshops and group discussions designed to provide the philosophical bases and technical tools needed to carry out scientific research. REU runs for eight weeks. The 2009 REU Application will be available in January, 2009. Underrepresented minorities are encouraged to apply.

Real-World Research Experiences for Undergraduates at the National Weather Center

Location: Norman, OK

Program Dates: 10 weeks summer 2009

Deadline: February 2009

Subjects: weather, storm prediction, analysis

Web: <http://www.caps.ou.edu/reu/>

Description: The National Weather Center (NWC) in Norman, Oklahoma invites motivated undergraduate students from any major who are interested in a career in scientific research to apply for a 10-week summer research program. The Research Experiences for Undergraduates at the Oklahoma Weather Center is funded by a grant from the National Science Foundation to the Center for Analysis and Prediction of Storms. Students will conduct research on such topics as: severe weather, tornadoes, numerical weather prediction models, atmospheric radiation, climatological studies, dryline studies, and more. Students will prepare and present papers reporting

the results of their research. Student research will be supplemented by tours, field trips, and lectures to produce a well-rounded experience that will give students the opportunity to judge whether a career in research is for them. Housing, travel allowance, and a stipend are provided. Students participate in a 10-week research program during the summer under the supervision of mentors from the National Weather Center: Application will be posted by Christmas 2008.

George Washington University REU in Molecular Biology

Location: Washington, DC

Program Dates: 10 weeks summer 2009 - May 26 - July 31

Deadline: March 2, 2009

Pay: \$4,000 + additional related costs and housing if needed

Subjects: Molecular biology, life sciences, bioinformatics

Web: <http://www.gwu.edu/~hhmi/reu/>

Description: The REU Program provides classes for undergraduate students at GW to take in the fields of computational molecular biology and bioinformatics, as well as a summer undergraduate research experience. Students begin their summer research experience by attending an intense, one-week molecular biology and bioinformatics workshop. After the workshop each student goes to a DC-area laboratory to conduct research for 9 weeks. These include labs in GW's Biology, Physics, Computer Science Departments, the Medical School, the Institute for Genomic Research (TIGR), the National Institutes of Health (NIH), and the Children's National Medical Center. Each student works on a discrete project. Many students involved in the REU program continue laboratory research through their undergraduate careers, which can lead to their post-undergraduate lives.

Four Directions Summer Research Program

Location: Harvard University, Harvard Medical School, Brigham and Women's Hospital, Boston

Program Dates: June 14 – August 8, 2009

Deadline: February 20, 2009

Pay: Transportation to and from Boston, single room, stipend for food and other basic necessities

Subjects: Basic science, Native American health

Web: <http://www.fdsrp.org/program/index.cfm#funding>

Description: The focus of activity during the summer is participation in a basic science research project. Students are assigned a medical school faculty mentor who will work closely with the student to ensure completion of a project over the 8-week summer period. Additional program goals include:

- Experience cutting edge research at a leading medical school
- Understand the medical school application process
- Exposure to Native American health care issues
- Integrate Native traditions including talking circles
- Networking with Native American students and faculty

We are looking for students with a demonstrated commitment to the health of Native American communities, and evidence of motivation to achieve the highest goals possible. This does not require the highest grades (we do not request transcripts) or the most extensive research background (previous research experience is not required).

Program: Summer Honors Undergraduate Research Program

Location: Harvard University

Program Dates: May 31-August 8, 2009

Deadline: February 2, 2009

Pay: \$4,000 (\$400/week x 10 weeks) + all research- and course-related expenses, housing at the medical school dormitory, travel to and from the program, and health insurance if it is needed

Subjects: Biology, Biomedical Research Sciences, Cellular and Developmental Biology, Cell Cycle Regulation, Cardiac and Cardio-pulmonary Functions and Pathology, Studies of Blood Cells, Cancer Biology, Endocrinology, Immunology, Microbiology, Molecular Biology and Genetics, Receptor Structure and Functions, Transmembrane Signaling Mechanisms, Study of Clotting Mechanisms, and Virology

Web: <http://www.hms.harvard.edu/dms/diversity/shurpintro.html>

Description: The Division of Medical Sciences administers four research training programs for PhD students in the biomedical sciences at Harvard Medical School. In 2009, the Division will offer for the nineteenth consecutive year a ten-week summer

research program primarily for college students belonging to minority groups that are under-represented in the sciences. SHURP presently has 390 alumni from colleges across the country, over 90% of whom are continuing or planning to continue training and careers in the sciences. SHURP is one of the summer research programs participating in the Summer Research Early Identification Program of the Leadership Alliance, a consortium of 33 colleges and universities dedicated to improving the participation of historically underrepresented students in graduate education programs. The Program is offered for currently-enrolled undergraduates who are considering careers in biological or biomedical research sciences, who have already had at least one summer (or equivalent term-time) of experience in a research laboratory, and who have taken at least one upper-level biology course that includes molecular biology. U.S. citizenship or permanent residency is required.

Summer Research Program in Ecology

Location: Harvard University, Boston, MA

Program Dates: May 26-August 13, 2009

Deadline: February 2, 2009

Pay: \$5,400 + room, food, and travel reimbursement of up to \$350 for one round trip to the Forest

Subjects: Population Ecology, Community Ecology, Paleoecology, Land Use History, Aquatic Ecology, Biochemistry, Soil Science, Ecophysiology, Atmosphere-biosphere Exchanges

Web: <http://harvardforest.fas.harvard.edu/index.html>

Description: The Harvard Forest Summer Research Program in Ecology is an opportunity for students to participate in on-going research at the Harvard Forest. Harvard Forest research focuses on the effects of natural and human disturbances on forest ecosystems, including global warming, hurricanes, forest harvesting, and invasive organisms. Students participate in ongoing research projects with researchers from Harvard University, University of New Hampshire, Marine Biological Laboratory, Ecosystem Center and other collaborators. Responsibilities may include field sampling, laboratory studies, data analysis and scientific writing. In addition, students attend weekly seminars given by nationally known scientists and workshops on career and graduate school preparation. The program is 12 weeks long.

Research Institute for Undergraduates

Location: Cary Institute of Ecosystems, Millbrook, New York

Program Dates: May 26-August 14, 2009

Deadline: February 1, 2009

Pay: \$5,100 + housing, \$600 food allowance

Subjects: Forest Health, Freshwater Ecology, Invasive Species, Environmental Chemistry, Disease Ecology, Aquatic Food Webs, Native Animal Populations, Nitrogen Pollution, Acid Rain

Web: <http://www.ecostudies.org/reu.html>

Description: The REU program, supported by the National Science Foundation, gives students what for most is their first opportunity to conduct independent research as part of a research community. The program aims to help students understand research so they can make good career decisions. Students choosing to pursue a research career receive exceptional training while all participants gain skills and experiences that will serve them in any path they choose. The program emphasizes the community nature of the scientific enterprise. As participants design and complete their own research projects, they consult with other scientists, present their plans for critique, and then speak in our annual Undergraduate Research Symposium, and write a paper for an online Undergraduate Ecology Research Reports publication. Seminars and informal meetings provide training in and reflection on the research process.

Summer Research Program in Biology

Location: Marquette University, Milwaukee, WI

Program Dates: June 1-August 7, 2009

Deadline: January 31, 2009

Pay: \$3,750

Subjects: Biology, Cellular and Molecular Biology

Web: <http://biology.marquette.edu/biosummer/index.htm>

Description: SRP Biological Sciences - This program is open to students from all universities and colleges. NSF-REU Site: Undergraduate Research in Cellular and Molecular Biology - This program is restricted to students who plan to attend graduate school and pursue research careers. Preference will be given to students who are members of minorities underrepresented in the sciences and to students from colleges or universities with limited research opportunities in the Biological Sciences. The program pairs each student with a faculty mentor who

will supervise the student projects. Students are involved daily in their selected research. At the end of the summer students present the results of their research at both a department-wide poster session and symposium. In addition, students attend weekly journal clubs, a workshop on ethical issues in research and medicine, as well as sessions on career options and post-graduate education. The program provides informal social and recreational events.

Astrobiology Summer Program

Location: Pennsylvania State University, University Park, PA

Web: <http://evo.bio.psu.edu/asp/>

- Chemistry - http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=5048
- Computer and Information Sciences - http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=5049
- Cyberinfrastructure - http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=10526
- Department of Defense - http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=10023
- Earth Sciences - http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=5050
- Education and Human Resources - http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=10021
- Engineering - http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=10006
- Ethics and Values Studies - http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=10024
- International Science and Engineering - http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=10003
- Materials Research - http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=5052
- Mathematical Sciences - http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=5044
- Ocean Sciences - http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=5053
- Physics - http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=69

- Polar Programs - http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=72
- Social, Behavioral and Economic Sciences – http://www.nsf.gov/crssprgm/reu/list_result.cfm?unitid=5054

Duke University - Organization for Tropical Studies REU Program in Costa Rica

Location: La Selva Biological Station, Costa Rica

Program Dates: Summer 2009 June 14 – August 21

Deadline: January 31, 2009

Pay: \$4,000 + room, board, transportation to and from Costa Rica

Subjects: Advanced biology, tropical ecology

Web: http://www.ots.ac.cr/index.php?option=com_content&task=view&id=317&Itemid=449

Description: The OTS Research Experiences for Undergraduates (REU) was designed for advanced biology students interested in conducting field research under the supervision of an experienced tropical ecologist. OTS will support twelve undergraduates, selected through a competitive application process, for a ten-week research program at the world-renowned La Selva Biological Station in the Caribbean lowlands of Costa Rica. In collaboration with a research mentor, students will design, conduct, and present field research projects at La Selva. Students will participate in a rich academic field environment, including research presentations, discussions, an ethics component focusing on issues in tropical biology and conservation. In addition, participants will have access to the social, cultural, and recreational activities of the rural communities surrounding La Selva.

The Research Experiences for Undergraduates (REU)

Location: All over the United States and in other countries

Deadline: June 5, 2009

Subjects: Any research topic funded by NSF

Web: www.nsf.gov/funding/pgm_summ.jsp?ims_id=5517&org=NSF

Description: The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students

in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This solicitation features two mechanisms for support of student research: (1) REU Sites are based on independent proposals to initiate and conduct projects that engage a number of students in research. REU Sites may be based in a single discipline or academic department, or on interdisciplinary or multi-department research opportunities with a coherent intellectual theme. Proposals with an international dimension are welcome. A partnership with the Department of Defense supports REU Sites in DoD-relevant research areas. (2) REU Supplements may be requested for ongoing NSF-funded research projects or may be included as a component of proposals for new or renewal NSF grants or cooperative agreements. Undergraduate student participants in either Sites or Supplements must be citizens or permanent residents of the United States or its possessions.

The following is a listing of Grant Resource Opportunities for Oklahoma Higher Education Undergraduate Student Research

Contact: Linda Mason, Ed.D., Coordinator for Grants and External Funding Assistance, Oklahoma State Regents for Higher Education, 655 Research Parkway, Site 200, Oklahoma City, OK 73104

Phone: (405) 225-9486, (800) 858-1840

Fax: (405) 225-9230

E-mail: lmason@osrhe.edu

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-opps/>.

Grant Resource: California Academy of Sciences

Size of Grant: No stipend

Cost Sharing or Match: No

Deadline Date: Open

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

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.

Grant Resource: Hawk Mountain Sanctuary Association

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: Open

Grant Resource: Hawk Mountain Sanctuary Association

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.

Grant Resource: Emergency Nurses Association

Size of Grant: \$5,000

Cost Sharing or Match: No

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

Deadline: TBA

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.

Grant Resource: US Department of Energy

Cost Sharing or Match: No

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

Deadline: February 5, 2007

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.

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

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

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.

Grant Resource: Special Olympics

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

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.

Grant Resource: New America Foundation

Size of Grant: months salary

Cost Sharing or Match: No

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

Deadline Date: Open

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.

Grant Resource: National Science Foundation

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: Ranging from January 2007 through April 2007

Description: 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.

Grant Resource: Smithsonian Institution

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, 2006 and October 1, 2007

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.

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

Deadline Date: February 1, 2007, April 1, 2007, and October 1, 2007

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

Cost Sharing or Match: No

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

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.

Grant Resource: The Aspen Institute

Size of Grant: \$5,000

Cost Sharing or Match: No

Web: http://www.nonprofitresearch.org/newsletter1530/newsletter_show.htm?doc_id=16318

Deadline Date: December 15, 2006, March 15, 2007 and July 15, 2007

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.

Grant Resource: US Department of Commerce

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 – November 1, 2006

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.

Grant Resource: US Department of Health and Human Services

Size of Grant: \$20,000/student

Cost Sharing or Match: No

Web: http://www.ugsp.nih.gov/application_center/application_center.asp

Deadline Date: February 28, 2007

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.

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

Size of Grant: \$2,500

Cost Sharing or Match: No

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

Deadline Date: March 1, 2007

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.

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

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

Deadline Date: October 1, 2006

Category: Institutional Awards

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.

Grant Resource: Geological Society of America

Size of Grant: \$500

Cost Sharing or Match: No

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

Deadline Date: March 15, 2007 and October 15, 2007

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.

Grant Resource: National Archives and Records Administration

Size of Grant: \$2,000

Cost Sharing or Match: No

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

Deadline Date: March 15, 2007 and September 15, 2007

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.

Grant Resource: Bermuda Biological Station for Research, Inc.

Size of Grant: \$3,240

Cost Sharing or Match: No

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

Deadline Date: May 16, 2007 (Applications will be accepted until the program is full. Initial selection of participants will begin May 30, 2007.)

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

Grant Resource: Biomedical Engineering Society

Size of Grant: \$1,000

Cost Sharing or Match: No

Web: http://www.bmes.org/awards_student.asp

Deadline: June 1, 2007

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.

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

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

Cost Sharing or Match: No

Web: http://membership.acs.org/b/biochem/peterson_announcement.html

Deadline: August 28, 2007

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.

Grant Resource: Institute of Industrial Engineers

Cost Sharing or Match: No

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

Deadline Date: November 15, 2007

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.

Grant Resource: Institute of Industrial Engineers

Cost Sharing or Match: No

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

Deadline Date: November 15, 2007

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.

Grant Resource: Institute of Industrial Engineers

Cost Sharing or Match: No

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

Deadline Date: November 15, 2007

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.

Grant Resource: National Science Foundation

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: As Soon as Possible

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.

Grant Resource: Environmental Protection Agency

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

Deadline Date: November 29, 2006

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.

Grant Resource: US Department of Commerce

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: February 13, 2006

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.

Grant Resource: National Science Foundation

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

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.

Grant Resource: National Science Foundation

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: March 21, 2006

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;

Grant Resource: National Science Foundation

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>

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

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 (CTEP); 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

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>

Call For Papers Opportunities

Indigenous Bodies: Reviewing, Relocating, Reclaiming

Contact: Céline E. Swicegood, Program Assistant, D'Arcy McNickle Center for American Indian History, The Newberry Library, 60 W. Walton Street, Chicago, IL 60610, Phone: (312) 255-3564

Email: swicegoodc@newberry.org

Web: <http://www.newberry.org/mcnickle/darcyhome.html>

Deadline: February 14th, 2009

An international conference hosted by the Native Studies Research Network, UK, University of East Anglia, Norwich July 8-10, 2009

The Native Studies Research Network, UK, invites proposals for papers for its second international conference and would especially welcome contributions from indigenous scholars. Established in April 2006, the NSRN currently has 87 members, working at 37 UK institutions in 11 academic disciplines. Having organized regular annual colloquia in London every September since 2006, and an international conference in Geneva in July 2007, the NSRN will now host its first UK based international conference.

This interdisciplinary conference will interrogate wide ranging presentations and representations of indigenous bodies by both Natives and non-Natives, in historical and contemporary contexts. The conference is particularly concerned with the native body as a site of persistent fascination, colonial oppression, and indigenous agency, and the endurance of these legacies within native communities.

Keynote Speakers: Carter Revard, Osage Poet, writer and scholar Mick Gidley, University of Leeds Debbie Reese, University of Illinois (One other keynote to be confirmed)

We invite papers focusing on indigenous communities in the Americas and Australasia exploring a wide range of topics including but not limited to: Indigenous performance and body art Racialised indigenous bodies (including African-Native) Indigenous bodies in visual arts Commercialising and appropriating indigenous bodies Confining indigenous bodies (reservations, prisons, schools, forts, clothes) Indigenous bodies in material culture Sexualised indigenous bodies locating and relocating indigenous bodies Indigenous bodies in museums Indigenous political bodies (communities, councils, activism)

Papers should be 20 minutes long. Please email a 250 word abstract, accompanied by a short curriculum vita to both: Jacqueline Fear-Segal (j.fear-segal@uea.ac.uk); and Rebecca Tillett (r.tillett@uea.ac.uk)

The deadline for these is February 14th, 2009.

It is planned to publish a book of selected papers, edited by Fear-Segal and Tillett [with support from the British Academy].

Travel Arrangements: The University of East Anglia is in Norwich, just 20 minutes from Norwich Airport with direct flights to Amsterdam, connecting to major world cities. Further details: <http://www.nsrn-uk.org/>

American Society for Engineering Education ASEE Spring 2009 Northeast Conference

Contact: Prof. Navarun Gupta, ASEE NE 2009 General Chair, University of Bridgeport, 221 University Avenue, Bridgeport, CT 06604

E-mail: info@asee2009online.org

Web: <http://www.asee2009online.org>

The Spring 2009 Northeast ASEE Conference will be held on April 3-4, 2009 at the University of Bridgeport, Bridgeport, Connecticut, U.S.A. This year's conference theme is: Engineering in the New Global Economy.

In the coming years, our world will continue to face economical, environmental and energy related problems. How is Engineering and Engineering Technology Education responding to the needs of our society and the world? This will be the theme for an exhilarating and thought provoking weekend of professional workshops, presentations, and discussions at the University of Bridgeport.

The ASEE Northeast Section is soliciting faculty papers, student papers and student posters which address the various challenges and paradigms in this technological world through research and instructional programs in Engineering and Engineering Technology education. There are three conference tracks:

1. Regular/ faculty papers
2. Student papers and
3. Student posters

The deadline for abstract submission is February 27th, 2009. Prospective authors are invited to submit their abstracts online in Microsoft Word or Adobe PDF format through the conference website at: <http://www.asee2009online.org>

Suggested conference topics are listed below. Other innovations in course and laboratory experiences and assessments are also most welcome for submission:

- Chemical and Biological Engineering
- Civil & Environmental Engineering
- Electrical & Computer Engineering
- Engineering Technology/ Community Colleges
- Industrial
- Automation and Manufacturing Engineering
- Engineering Technology and Community Colleges
- Innovations In Engineering Education
- First Year Experiences
- K-12 Education (Engineering Curriculum Integration)
- Mechanical Engineering
- Computer Science and Information Technology
- Women in Engineering and Computer Science
- Robotics
- Service Learning
- Sustainability
- Design Projects
- Engineering and Technology in the Liberal Arts
- Systems Engineering
- Globalization
- Ethics
- Diversity In Engineering
- Multidisciplinary Research

Paper Submission:

Prospective authors are invited to submit their abstracts online in Microsoft Word or Adobe PDF format through the website of the conference at: <http://www.asee2009online.org>

Important Dates:

Abstracts due: February 27, 2009

Acceptance notification: March 6, 2009

Final manuscript & Registration due: March 20, 2009

Journals accepting student research submissions from all campuses:

Journal of Young Investigators

<http://www.jyi.org>

Online peer-reviewed national journal of undergraduate research.

Caltech Undergraduate Research Journal

<http://www.curj.caltech.edu>

Online journal accepting submissions from undergraduate students at all institutions.

American Institute of Physics, Journal of Undergraduate Research in Physics

<http://www.aip.org/education/sps/ultraviolet/jurp.htm>

Department of Energy, Journal of Undergraduate Research

<http://www.scied.science.doe.gov/scied/JUR.html>

Council on Undergraduate Research

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

23rd National Conference on Undergraduate Research

<http://www.uwlax.edu/ncur2009/>

Journals for students at specific campuses

MIT Undergraduate Research Journal

<http://web.mit.edu/murj/www/index6.html>

Publishes articles by MIT students with the intent of educating a general MIT undergraduate audience about their peers' work.

North Carolina State University, Office of Undergraduate Research

<http://www.ncsu.edu/undergrad-research/urj/>

Oklahoma City University, Learning Enhancement Center: Student Journal: Stellar c/o The Learning Enhancement Center, 2501 N. Blackwelder, Oklahoma City, OK 73106

<http://www.okcu.edu/multimedia/pdf/stellar07.pdf>

University of Arkansas, College of Agriculture, DISCOVERY Undergraduate Research Journal

<http://www.uark.edu/depts/agripub/Publications/Discovery/>

University of Kentucky, Kaleidoscope: Journal of Undergraduate Scholarship

<http://www.uky.edu/Kaleidoscope/>

University of Rochester, Journal of Undergraduate Research

<http://sa.rochester.edu/jur/>

University of Utah, Undergraduate Research Abstracts

<http://www.lib.utah.edu/epubs/undergrad/>