

# Funding Opportunities Bulletin

## July 2007

This random compilation of funding opportunities is provided by KUCR Proposal Services as a resource for Kansas University Researchers. We encourage you to utilize the campus subscription to *Community of Science (COS)* to find funding opportunities specifically tailored to your research area based on keywords you provide. *COS* is easy to use and offers other valuable services that are helpful to researchers. Access is available at this site: <http://www.cos.com/> If questions regarding *COS*, please contact Alicia Reed at [amreed@ku.edu](mailto:amreed@ku.edu) or 864-7771, or Dan Coonfield at [dcoonfie@ku.edu](mailto:dcoonfie@ku.edu) or 864-7404.

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### **BUSINESS**

See also opportunities listed under MULTIPLE DISCIPLINES

#### **Business Administration -- Award #8283**

Council for International Exchange of Scholars (CIES); Fulbright Scholar Program

Grants for U.S. Faculty and Professionals

**Deadline: August 1, 2007**

For over 50 years, the Fulbright Program has offered U.S. faculty, professionals, teachers, and students the opportunity to conduct research, teach, or study abroad and to make a major contribution to global understanding. The program also brings foreign nationals to the United States to study, teach, and pursue research. The Fulbright Scholar Program, the senior scholar component of the Fulbright Program, offers grants for college and university faculty, as well as for professionals and independent scholars. Approximately one-quarter are for research and three-quarters for lecturing, combined lecturing or research, or seminar participation. Multicountry research is offered in some regions.

Award 8283 is for lecturing and research. At the National University of Ireland, Galway, the grantee will teach or lecture in accounting or innovation studies and change management. At the University College Dublin, the grantee will teach or lecture in accounting. Specializations at the National University of Ireland, Galway include

- financial and management accounting,
- auditing,
- public sector management,
- taxation,

- innovation studies, and
- change management.

At the National University of Ireland, Galway scholars must have a Ph.D, CPA, and a minimum of 10 years in teaching or research. At the National University of Ireland, Galway, scholars must have substantial teaching or research experience. At the University College Dublin, scholars must have dedicated teacher interested in research.

Applicants must meet all of the following eligibility requirements:

1. U.S. citizen at the time of application; status as a permanent resident is not sufficient.
2. A Ph.D. or equivalent professional or terminal degree at the time of application.
3. College or university teaching experience is required at the level and in the field of the proposed lecturing activity.
4. Previous Fulbright scholar grantees are eligible to apply only if three years will have elapsed between the ending date of one award and the beginning date of the new award. This rule does not apply if the previous grant was for less than two months.
5. Employees, spouses or dependent children of the United States Department of State or public and private organizations under contract to the United States Department of State are ineligible to apply for a Fulbright grant until one year after the employee's termination.
6. Applicant must be in sound physical and mental health.

For more information: [http://www.cies.org/award\\_book/award2008/award/Bus8283.htm](http://www.cies.org/award_book/award2008/award/Bus8283.htm)

## **Grants**

Nasdaq Educational Foundation

**Deadline: Letters of Inquiry: August 1, 2007**

The mission of The Nasdaq Educational Foundation, Inc. is to promote learning about capital formation, financial markets and entrepreneurship through innovative educational programs.

Grants will be awarded for education projects related to four priority categories:

- Academic study or research, generally awarded to college or university professors
- Ph.D. dissertation fellowships, awarded to colleges or universities on behalf of the candidate
- Curriculum development, generally awarded at the university level to develop financial markets curricula
- Educational projects or programs, including classroom and extracurricular programs at the high school, college and university level; teacher training; and professional development for adults, and may also include the creation of new educational materials.

Please note that all proposals must further financial markets literacy and entrepreneurship in addition to meeting other criteria. The categories, above, are for guidance only. All proposals compete for a single pool of funds and are subject to selection by the Foundation Board of Directors.

For more information: [http://www.nasdaq.com/services/education\\_initiatives.stm](http://www.nasdaq.com/services/education_initiatives.stm)

### **Economics Program**

National Science Foundation (NSF)

**Deadline: August 18, 2007**

The Economics Program supports research designed to improve the understanding of the processes and institutions of the U.S. economy and of the world system of which it is a part. The program strengthens both empirical and theoretical economic analysis as well as the methods for rigorous research on economic behavior. Topics of current interest are computational economics, the transformation of command economies, human resource-related issues (poverty, labor productivity, the family, gender and racial discrimination, etc.), and global environmental change.

The program also funds conferences and interdisciplinary research that strengthens links among economics and the other social and behavioral sciences, as well as mathematics and statistics. The program supports research in almost every subfield of economics, including econometrics, economic history, finance, industrial organization, international economics, labor economics, public finance, macroeconomics, and mathematical economics.

For further information:

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5437&org=SES&from=home](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5437&org=SES&from=home)

### **International Fellows Program**

Center for the Study of Philanthropy

**Deadline: September 13, 2007**

The Center on Philanthropy and Civil Society's Emerging Leaders International Fellows Program provides leadership training through applied research and professional mentorships for young scholar-practitioners in the nonprofit sector. The program is open to scholars and practitioners interested in building Third-Sector capacity in the United States and overseas. The research topics for applicants to the 2008 Emerging Leaders Program, including the program's Diversity Fellowship, is community foundations. A limited number of fellowships for research on diaspora philanthropy, as well as other topics, may also be available for applicants based outside the United States.

The program is open to practitioners and researchers under the age of 36. Applicants must hold a college or university degree and speak and write English fluently. Preference will be given to

candidates with strong ties to a Third-Sector institution and demonstrated research skills. Traditionally, selected fellows are citizens of countries other than the United States.

Each fellowship covers the cost of tuition and includes a \$1,300 per month stipend to cover living expenses. In addition, the center will provide single-room dormitory accommodations with shared facilities at International House (adjacent to Columbia University) as well as economy round-trip air travel to and from the United States.

For more information: [http://www.philanthropy.org/programs/intnl\\_fellows\\_program.html](http://www.philanthropy.org/programs/intnl_fellows_program.html)

### **Service Enterprise Engineering (SEE)**

National Science Foundation (NSF)

**Deadline: October 1, 2007**

The Service Enterprise Engineering (SEE) program will address focused research on design, planning, and control of operations and processes in commercial service enterprises. Contributions should extend the range of analytical and computational techniques addressed to these systems, or advance novel models offering policy insight or the prospect of implementable solutions. However, measurement and conceptualization of service processes as engineered systems may themselves represent a contribution in some applications.

The SEE program addresses focused research on design, planning, and control of operations and processes in commercial and institutional service enterprises. Contributions should extend the range of analytical and computational techniques addressed to these systems, and/or advance novel models offering policy insight or the prospect of implementable solutions. The SEE program is a new venture that became fully operational with the fiscal year beginning October 1, 2002. Service enterprises dominate the U.S. economy, and the SEE program is intended to parallel more traditional activities in modeling and analysis of manufacturing enterprises with a new focus on engineered systems in service operations. Sectors represented initially include commercial transportation; logistics and distribution; health care delivery; financial engineering; electronic markets and auctions; after sale equipment monitoring, maintenance, and repair; retailing; and hospitality and entertainment.

Customer Call/Contact Centers Contributions may involve generic issues for such enterprises such as staff scheduling, dynamic pricing, facilities design, and quality assurance, or they may address more focused questions of interest mainly in particular sectors.

For further information:

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13343&org=NSF&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13343&org=NSF&from=fund)

## **EDUCATION**

See also opportunities listed under MULTIPLE DISCIPLINES

### **Special Education Research: Serious Behavior Disorders - 84.324A**

United States Department of Education (ED); Institute of Education Sciences (IES)  
National Center for Special Education Research

**Deadline: July 26, 2007**

The purpose of this program is to support the development and evaluation of interventions designed to improve the behavioral and social skills and, concomitantly, the academic outcomes of students with disabilities or at high risk of developing such disabilities in kindergarten through middle school. In addition, this program will support the development and validation of assessment tools and procedures that can be used in home, instructional, and non-instructional settings to identify or diagnose sources of behavior problems in kindergarten through middle school students with disabilities or at high risk for disabilities.

For more information: <http://ies.ed.gov/funding/>

### **Cognition and Student Learning (CASL) Research Grant Program - 84.305B**

United States Department of Education (ED); Institute of Education Sciences (IES); National Center for Education Research

**Deadline: July 26, 2007; November 1, 2007**

The purpose of the Cognition and Student Learning (Cognition) research program is to improve student learning by bringing recent advances in cognitive science to (1) identify underlying processes involved in reading, writing, mathematics skills, or science that are predictive of student achievement in the relevant domain; (2) develop interventions û instructional approaches, practices, and curriculum--for improving student learning; (3) establish the efficacy of existing interventions and approaches for improving student learning with efficacy or replication trials; and (4) develop measurement tools that can be used to improve student learning and achievement. The long-term outcome of this program will be an array of tools and strategies (e.g., instructional approaches, computer tutors) that are based on principles of learning and information processing gained from cognitive science and that have been documented to be efficacious for improving learning in education delivery settings.

For more information: <http://ies.ed.gov/funding/>

## **ENGINEERING & COMPUTER SCIENCE**

See also opportunities listed under MULTIPLE DISCIPLINES

### **Greenhouse Gas (GHG) Emission Factor Development Project for Selected Sources in the Natural Gas Industry**

United States Environmental Protection Agency (EPA); Office of Air and Radiation (OAR);  
Office of Atmospheric Programs (OAP)

**Deadline: July 16, 2007**

Through this solicitation, EPA seeks proposals from eligible entities to undertake research and conduct measurement studies to develop Methane (CH<sub>4</sub>) emission factors for select equipment and processes from the natural gas industry. Applicant proposals should demonstrate an understanding of the natural gas industry and climate change, sources of CH<sub>4</sub> emissions and the range of accepted practices and techniques for measuring emissions sources in the natural gas industry. An understanding of options for activity data to develop appropriate default CH<sub>4</sub> emissions factors that reflect conditions in the United States is another important component of the work. This solicitation seeks proposals from eligible entities that will, in the course of the work, identify and synthesize all existing data and information available (both current and historical) that can be used to develop default CH<sub>4</sub> emission factors for selected processes and equipment in the natural gas industry.

For more information: <http://www.epa.gov/oar/grants/>

### **Accelerating Discovery in Science and Engineering Through Petascale Simulations and Analysis (PetaApps) - NSF 07-559**

National Science Foundation (NSF)

**Deadline: July 23, 2007**

This solicitation seeks proposals to develop the future simulation, optimization and analysis tools that can use petascale computing to advance the frontiers of scientific and engineering research. Proposals are sought from researchers aiming to capitalize on emerging petascale computing architectures, catalyzing progress in science and engineering beyond the current state-of-the-art. NSF's emphasis is on implementation and exploitation of forefront techniques. Proposers must be prepared to demonstrate that they have a science or engineering research problem that requires or can exploit petascale computing capabilities. Proposals from or including junior researchers are encouraged as one of the goals of this solicitation is to build a community capable of using petascale computing.

NSF organizations participating are the Office of Cyberinfrastructure, Directorate for Computer & Information Science & Engineering, Directorate for Engineering, Directorate for Geosciences, Division of Earth Sciences, and Directorate for Mathematical & Physical Sciences.

For more information: <http://www.nsf.gov/pubs/2007/nsf07559/nsf07559.htm>

### **Discovery Challenge Thrusts**

United States Department of Defense (DOD); Department of the Air Force (USAF); Air Force Office of Scientific Research (AFOSR)

**Deadline: August 1, 2007**

This is a special BAA in support of the AFOSR's Discovery Challenge Thrusts (DCTs). This research effort will consist of interdisciplinary teams of researchers with the skills needed to address the relevant research challenges necessary to meet the program goals. Multi investigator teaming is encouraged but not required. It is expected that proposals will describe cutting-edge efforts on basic scientific problems.

The thrusts are

Integrated Multi-modal Sensing, Processing, and Exploitation  
Robust Decision Making  
Turbulence Control and Implications  
Space Situational Awareness  
Complex Networked Systems  
Reconfigurable Materials for Cellular Electronic and Photonic Systems  
Thermal Transport Phenomena and Scaling Laws

For more information: <http://fedbizopps.cos.com/cgi-bin/eps/spg/USAF/AFMC/AFOSR/AFOSR-BAA-2007-08/Attachments.html>

### **ONR Defense University Research Instrumentation Program (DURIP) - AFOSR BAA 2007-9**

United States Department of Defense (DOD); Department of the Navy; Office of Naval Research (ONR); University Research Initiative (URI)

**Deadline: August 21, 2007 (4:00 P.M. EST)**

The DOD announces the Defense University Research Instrumentation Program (DURIP). DURIP is designed to improve the capabilities of U.S. institutions of higher education to conduct research and to educate scientists and engineers in areas important to national defense by providing funds for the acquisition of research equipment.

Research areas of interest to the Office of Naval Research include the following:

1. Expeditionary warfare and combating terrorism, including asymmetric warfare research, expeditionary maneuver warfare applications, and combating terrorism integration and transition
2. C4ISR, including mathematics, computers, and information research; electronics, sensors, and networks research; and C4ISR applications
3. Ocean battlespace sensing, including ocean sensing and systems applications; and ocean, atmosphere and space research
4. Sea warfare and weapons, including ship systems and engineering research; undersea weapons and naval materials research; and sea warfare applications

5. Warfighter performance, including basic research; naval warrior applications; and research protections
6. Naval air warfare and weapons, including aerospace science research and air warfare and naval weapons applications

For more information: [http://www.afosr.af.mil/ResearchAreas/funding\\_otherOpp.htm](http://www.afosr.af.mil/ResearchAreas/funding_otherOpp.htm)

### **Environmental Engineering**

National Science Foundation (NSF); Directorate for Engineering (ENG); Chemical, Bioengineering, Environmental, and Transport Systems (CBET); Environmental Engineering and Sustainability

**Deadline: September 15, 2007**

The Environmental Engineering Program supports research and educational activities across the broad field it serves, with the goal of applying engineering principles to understand and reduce adverse effects of solid, liquid, and gaseous discharges into land, inland and coastal waters, and air that result from human activity and that impair the ecological and economic value of those resources. It fosters cutting-edge research based on fundamental science and four types of engineering tools--measurement, analysis, synthesis, and design.

Major areas of interest and activity in the program include: developing innovative biological, chemical, and physical treatment processes to remove and degrade pollutants from water and air; measuring, modeling and predicting the movement and fate of pollutants in the environment; and developing and evaluating techniques to clean up polluted sites, such as landfills and contaminated aquifers, restore the quality of polluted water, air, and land resources and rehabilitate degraded ecosystems.

For more information:

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=501029&org=CBET](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501029&org=CBET)

### **FINE ARTS**

#### **Kevin Freeman Travel Grant**

Music Library Association (MLA)

**Deadline: July 15, 2007**

Applications are now being accepted for the Kevin Freeman Travel Grant. The grant, established in 1994 to honor the memory of Kevin Freeman and awarded for the first time in 1997, supports travel and hotel expenses to attend the Music Library Association's annual meeting.

The applicant must be a member of the Music Library Association and either be in the first three years of his or her professional career, a graduate library school student (by the time of the conference in February 2007) aspiring to become a music librarian, or a recent graduate (within

one year of degree) of a graduate program in librarianship who is seeking a professional position as a music librarian.

For more information: <http://www.musiclibraryassoc.org/awardsandgrants/freeman.shtml>

### **Fine and Performing Arts -- Award #8218**

Council for International Exchange of Scholars (CIES); Fulbright Scholar Program; Grants for U.S. Faculty and Professionals

**Deadline: August 1, 2007**

Applicants must meet all of the following eligibility requirements:

1. U.S. citizen at the time of application; status as a permanent resident is not sufficient.
2. A Ph.D. or equivalent professional or terminal degree at the time of application.
3. College or university teaching experience is required at the level and in the field of the proposed lecturing activity.
4. Previous Fulbright scholar grantees are eligible to apply only if three years will have elapsed between the ending date of one award and the beginning date of the new award. This rule does not apply if the previous grant was for less than two months.
5. Employees, spouses or dependent children of the United States Department of State or public and private organizations under contract to the United States Department of State are ineligible to apply for a Fulbright grant until one year after the employee's termination.
6. Applicant must be in sound physical and mental health. Citizenship or Residency: United States

For over 50 years, the Fulbright Program has offered U.S. faculty, professionals, teachers, and students the opportunity to conduct research, teach, or study abroad and to make a major contribution to global understanding. The program also brings foreign nationals to the United States to study, teach, and pursue research. The Fulbright Scholar Program, the senior scholar component of the Fulbright Program, offers grants for college and university faculty, as well as for professionals and independent scholars. Approximately one-quarter are for research and three-quarters for lecturing, combined lecturing or research, or seminar participation. Multicountry research is offered in some regions.

Award 8218 is for lecturing, or lecturing and research. The grantee will

- teach,
- advise students,
- assist with curriculum development, and
- collaborate with faculty on research projects.

A prepaid course in Bulgarian language at the Fulbright Language Center in Sofia is available. The grant is for five months. The starting date is September 2008 or February 2009.

For more information: [http://www.cies.org/award\\_book/award2008/award/Fin8218.htm](http://www.cies.org/award_book/award2008/award/Fin8218.htm)

## **Grants**

Judith Rothschild Foundation

**Deadline: September 15, 2007**

The Judith Rothschild Foundation was created to stimulate interest in recently deceased American painters, sculptors, and photographers whose work is considered of the highest quality but lacks adequate recognition. The grant program is dedicated to ensuring that the work of under-recognized, deceased artists has meaningful opportunities for public viewing and critical reassessment. Grants are made to present, preserve, or interpret work of the highest artistic merit by lesser known American artists who have died after September 12, 1976.

Examples of grants include support for: the organization of exhibitions; the acquisition of works of art for display and study in museums and public galleries; the development of accompanying public programs, films, or videos; the preparation of publications; scholarly and critical pursuits; and, the conservation, cataloguing, and safe-keeping of works of art. Requests for general operating funds, capital projects, endowment funds, unrelated travel and scholarships, and other areas of need, as well as grants to living artists, will not be considered.

For more information: <http://www.judithrothschildfdn.org/guidelines.html>

## **HUMANITIES**

See also opportunities listed under MULTIPLE DISCIPLINES

### **Fellowships Programs at Independent Research Institutions**

National Foundation for the Arts and the Humanities; National Endowment for the Humanities (NEH); Division of Research Programs

**Deadline: September 4, 2007**

This program makes grants in support of postdoctoral fellowship programs administered by independent centers for advanced study, libraries, and museums in the United States that support research in the humanities and by American overseas research centers and other organizations that have expertise in the promotion of research on foreign cultures. Fellowships awarded by each institution enable individual scholars to pursue their own research and to participate in the interchange of ideas with other scholars.

In assessing an application from an institution, the endowment emphasizes the intrinsic importance of the institution's fellowship programs to the advancement of thought and knowledge in the humanities, the quality of the research previously supported by the institution and the productivity of its fellows, the relation of this work to the institution's mission and resources, the degree to which the institution promotes collegial exchange, the effectiveness of the administration of the programs, and the equity of the application and selection procedures.

A fundamental consideration in the awarding of funds to a center is the advantage to scholars of working collegially at the center in contrast to working individually at separate locations. Important in the evaluation of institutions and organizations that facilitate research on foreign

cultures are the services and specialized expertise the institutions provide in the administration of their fellowship programs.

Priority is given to programs that provide long-term fellowship opportunities (four to twelve months in duration), but proposals for support of other types of research grant programs are also eligible provided National Endowment for the Humanities (NEH) funds are applied only to stipends for scholars and not to administrative costs. Endowment funds awarded in this program may be used only to support fellowship stipends and standard allowances, and a portion of the costs of publicizing the availability of the NEH fellowships and the costs of selecting the fellows.

For more information: <http://www.neh.gov/grants/guidelines/fpiri.html>

### **Humanities Program Grants - Major Grants**

Kansas Humanities Council (KHC)

**Deadline: September 14, 2007**

Major Grants support lecture series, conferences, scholar residencies, exhibits, media productions, and other projects that engage the general public with the humanities. Media projects involve the production of audio or videotapes, films, or live programming for radio and television.

The humanities are central to the project. Projects should apply the insights and methods of the humanities to the exploration of a well-defined topic. The Kansas Humanities Council (KHC) encourages projects that use the humanities to shed light on contemporary issues and public policy questions, as well as those that enrich our appreciation of our history, culture, and traditions. The humanities include

- history;
- literature;
- philosophy;
- languages;
- linguistics;
- jurisprudence (law);
- archeology;
- the history and philosophy of art, medicine, and science;
- folklore;
- religious studies; and
- women's and minority studies.

Social sciences that take a philosophical or qualitative approach, such as political science, sociology, cultural anthropology, and archeology, are also considered humanities fields.

A project outline (draft application) of the Major Grant application is required at least one month prior to submission of the final application. Project outlines are due on or before September 14 for the fall program.

For more information: <http://www.kansashumanities.org/grants/humanities/humanities.html>

### **Heritage Program Grants**

Kansas Humanities Council (KHC)

**Deadline: September 14, 2007**

The Heritage Program is a small grant opportunity offered by the Kansas Humanities Council (KHC) in cooperation with the Kansas State Historical Society. The Heritage Program encourages the preservation and study of local cultural resources such as historical documents, photographs, artifacts, oral traditions, and languages. These cultural resources form an important foundation for the humanities: the study of people's beliefs, values, experiences, and cultural expression, both past and present.

The Heritage Program fosters a greater appreciation of the humanities by making cultural resources more accessible to local communities, researchers, and the public. Professionals in the humanities (historians, folklorists, museum specialists, etcetera) serve as consultants for all projects.

There are five categories of projects that include the following:

1. **Basic Research:** This project investigates a significant cultural or historical theme in the state, county, or community, using primary source materials found in a local historical society, public library, county courthouse, private collection, or a state archive.
2. **Oral History:** This project records interviews with eye witnesses to historical events on audiotape (and also videotape if desired), and transcribe them. The project should have well-defined objectives and focus on a single subject area.
3. **Cataloging/Indexing:** This project involves the organization and description of documents, tapes, photographs, artifacts, or other resource materials (but not books, newspapers, or newspaper clippings) housed in a public repository, with the goal of making those materials more accessible to the public. Projects should focus on collections that will lead to interpretation of significant themes in community life or history, and should go beyond the creation of simple inventories or lists.
4. **Care of Collections:** This project involves cleaning, preserving, and providing for the public use of unique photographs, artifacts, and manuscripts.
5. **Language Preservation:** This project seeks to perpetuate the use of a non-English language in a community through the teaching or documentation of a language or dialect.

A project outline (draft application) of the Major Grant application is required at least one month prior to submission of the final application. Project outlines are due on or before September 14 for the fall program.

For more information: <http://www.kansashumanities.org/grants/heritage/heritage.html>

## **INTERNATIONAL AREA STUDIES**

See also opportunities listed under HUMANITIES and MULTIPLE DISCIPLINES

### **Andrew E. and G. Norman Wigeland Fund: Norway to the U.S.**

American-Scandinavian Foundation (ASF)

**Deadline: July 15, 2007; September 15, 2007**

The American-Scandinavian Foundation (ASF) administers a special fund for exchange projects between Norway and the United States. Projects open to consideration are restricted to those that involve one-way exchange from Norway to the United States, and preference will be given to projects that bring Norwegian citizens to the United States in an effort to enhance the American public's appreciation of Norwegian life, art, and thought.

For more information: <http://www.amscan.org/public.html>

### **John O. Crane Memorial Fellowship**

Crane-Rogers Foundation Institute of Current World Affairs

**Deadline: August 1, 2007**

The primary purpose of the institute is to provide talented individuals an opportunity to develop a deep understanding of an issue, country, or region outside the United States and to share that understanding with interested segments of the English-speaking public. John O. Crane Memorial Fellowships provide support for study of Eastern Europe and the Middle East.

For more information: <http://www.icwa.org/Opportunities.asp>

### **Japanese Studies in the United States**

Japan-United States Friendship Commission (JUSFC)

**Deadline: August 1, 2007**

The commission believes that American public understanding of Japan, as well as the close friendship between Japan and the United States, requires the development and strengthening of the next generation of American area specialists on Japan, trained to a high level of linguistic and disciplinary competence, and adequately represented in both the scholarly and non-academic professions. The commission therefore spends a large portion of its program budget on Japanese studies at American universities.

The commission's mandate, however, also specifies a broad internal distribution of Japanese studies funds among graduate training, faculty development and research, language training, library support and general education. The commission has sought to identify the most important areas of need, and to emphasize projects of unusual significance and maximum nationwide impact. The commission will leave to other federal agencies those activities that are expressly

and adequately funded in statutory programs of those agencies.

The commission wishes to assure the continued vitality and growth of basic national resources for the study of Japan. In its library support, the commission supports projects and organizations that help organize acquisitions of research materials on a national scale and help expand access to research materials in both printed and electronic format. In its support for language training, the commission will fund those institutional activities that promise the greatest national or regional return.

The commission's current mode of supporting scholarly research is through grants to the Social Sciences Research Council and the Association for Asian Studies, which organize peer review panels to review and select individual and group research project proposals for support with commission funds. Potential applicants should consult first with these organizations. The commission will consider collaborative research, general education projects and professional graduate school faculty and curriculum development projects in Japanese studies on a case-by-case basis.

The following project areas have been established:

1. Faculty Research
2. Library Support
3. Language Training
4. General Education
5. Professional Graduate School Faculty and Curriculum Development

For more information:

<http://www.jusfc.gov/currentprogramguidelines.asp?name=japanesestudies>

### **Short-Term Grants**

Woodrow Wilson International Center for Scholars; East European Studies (EES)

**Deadline: September 1, 2007;** December 1, 2007

With funding provided by Title VIII (the Act for Research and Training for Eastern Europe and Independent States of Former Soviet Union), East European Studies (EES) offers short-term grants to scholars working on policy relevant projects on East Europe. Special consideration will be given to projects on Southeast Europe, or projects that can be credibly linked to issues in the Western Balkans. Projects should focus on fields in the social sciences and humanities including, but not limited to, anthropology, history, political science, Slavic languages and literatures, and sociology. All projects should aim to highlight their potential policy relevance.

For more information:

[http://www.wilsoncenter.org/index.cfm?topic\\_id=1422&fuseaction=topics.item&news\\_id=5989#short](http://www.wilsoncenter.org/index.cfm?topic_id=1422&fuseaction=topics.item&news_id=5989#short)

## **MEDICINE & LIFE SCIENCES**

See also opportunities listed under MULTIPLE DISCIPLINES

### **The Autism Spectrum Disorder Research Program (ASDRP) Concept Award**

Department of Defense Autism Spectrum Disorder Research Program (ASDRP)

**Deadline: Pre-application (LOI): July 10, 2007 (5:00 p.m. Eastern time)**

**Proposal: August 7, 2007 (11:59 p.m. Eastern time)**

The Autism Spectrum Disorder Research Program (ASDRP) Concept Award supports the exploration of an initial idea or novel observation that could give rise to a testable hypothesis. *Presentation of preliminary data is not required and is not consistent with the intent of this award mechanism.* These awards provide Principal Investigators (PIs) with the opportunity to pursue serendipitous observations. Proposals must describe how the new idea will enhance existing knowledge of autism spectrum disorder (ASD) or create an entirely new avenue for investigation. Research completed through a Concept Award may provide sufficient preliminary data to enable the PI to prepare a proposal for future research.

The fiscal year 2007 (FY07) ASDRP promotes research that will (1) improve clinical outcomes of ASD, (2) lead to better understanding of ASD across the lifespan of an affected individual, and (3) integrate basic science and clinical observations. To that end, the FY07 ASDRP encourages proposals that specifically address critical needs of the ASD community. The following areas of research are of particular interest to the FY07 ASDRP:

1. Co-morbidity (e.g., manifestations such as gastrointestinal disorders, sleep, seizures, tics, immune disorders)
2. Targets for Treating (e.g., clinical, molecular, cellular)
3. Biomarkers and Pathology (e.g., brain and other tissues)
4. Environment (e.g., clinical and basic toxicology, gene/environment interaction)
5. Clinical Resource Development (e.g., methodology, biostatistics, tools and resources, research informed by clinical observations, tissue programs)

For more information: <http://cdmrp.army.mil/funding/pdf/07asdrpactable.pdf>

### **Young Investigator Award Program**

NARSAD: The Mental Health Research Association

**Deadline: July 25, 2007**

NARSAD: The Mental Health Research Association is a private, not-for-profit organization which raises and distributes funds for scientific research into the causes, cures, treatments, and prevention of severe psychiatric brain disorders. The organization provides support to scientists conducting neurobiological research at a university or research institution. Both U.S. and international applicants are eligible to apply.

NARSAD's Young Investigator Award Program offers award opportunities of up to \$30,000 per year each for up to two years (maximum of \$60,000). The program is open to advanced postdoctoral fellows or assistant professors to either extend their research fellowship training or to begin careers as independent research faculty. Basic and/or clinical investigators are

supported, but research must be relevant to schizophrenia, major affective disorders, or other serious mental illnesses.

For more information: <http://www.narsad.org/research/apply/young/guidelines.html>

### **Exposure Biology Program - SBIR/STTR**

Department of Health and Human Services (HHS); National Institutes of Health (NIH); National Institute of Environmental Health Sciences (NIEHS); Small Business Innovation Research (SBIR)/Small Business Technology Transfer (STTR)

**Deadline: August 5, 2007**; December 5, 2007

The goal of the exposure biology program is to develop new technology and assays to generate precise measurements of human exposure to chemical and biological agents that may lead to disease or dysfunction. For the purpose of this solicitation the focus of this program will be on respiratory disease or reproduction and development. For example, exposures to microbial toxins, particulates, and ozone may result in a spectrum of respiratory effects ranging from allergic sensitization and immune reactivity to chronic lung disease. Exposures to other environmental agents such as pesticides, phthalates, and polybrominated biphenyl ethers (PBDEs) may result in adverse effects on outcomes of pregnancy and development. The desired application of these technologies and assays is in population-based (epidemiological) or clinical research and practice.

For more information: <http://grants1.nih.gov/grants/guide/notice-files/NOT-OD-07-036.html>

### **Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellowships (F31) to Promote Diversity in Health-Related Research**

Department of Health and Human Services (HHS); National Institutes of Health (NIH)  
National Institute of Nursing Research (NINR)

**Deadline: August 13, 2007**; December 13, 2007

The Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellowships to Promote Diversity in Health-Related Research will provide up to five years of support for research training leading to the Ph.D. or equivalent research degree, the combined M.D./Ph.D. degree; or another formally combined professional degree and research doctoral degree in biomedical, behavioral, health services, or clinical sciences.

These fellowships will enhance the diversity of the biomedical, behavioral, health services, and clinical research labor force in the United States by providing opportunities for academic institutions to identify and recruit students from diverse population groups to seek graduate degrees in health-related research and apply for this fellowship.

The overall goal of this program is to increase the number of scientists from diverse population groups who are prepared to pursue careers in biomedical, behavioral, social, clinical, or health services research.

The NIH recognizes a unique and compelling need to promote diversity in the biomedical, behavioral and clinical sciences research workforce. The NIH expects that efforts to diversify the workforce to lead to:

- the recruitment of the most talented researchers from all groups;
- an improvement in the quality of the educational and training environment;
- a balanced perspective in setting research priorities;
- an improved capacity to recruit subjects from diverse backgrounds into clinical research protocols; and
- an improved capacity to address and eliminate health disparities

By the time of award, candidates for the predoctoral Kirschstein-NRSA fellowship award must be citizens or non-citizen nationals of the United States, or must have been lawfully admitted to the United States for permanent residence (i.e., possess a currently valid Alien Registration Receipt Card I-551, or other legal verification of such status). Non-citizen nationals are generally persons born in outlying possessions of the United States (e.g., American Samoa and Swains Island). Individuals on temporary or student visas are not eligible. Individuals may apply for the F31 in advance of admission to the United States as a permanent resident recognizing that no award will be made until legal verification of permanent resident status is provided.

Applicants must have a baccalaureate or higher degree in nursing and be enrolled in doctoral programs or have been accepted by and agreed to enroll in such a graduate program in the academic year in which funds are awarded.

For more information: <http://grants1.nih.gov/grants/guide/pa-files/PA-07-106.html>

### **Pilot Grant**

The Alliance for Lupus Research (ALR)

**Deadline: September 4, 2007**

The Alliance for Lupus Research (ALR) is an independent, voluntary health agency formed to provide a concentrated effort for the prevention, treatment and cure of systemic lupus erythematosus (lupus or SLE). The Pilot Grant program will fund research that is directly relevant to identifying the cause, cure and/or treatment of SLE and/or its secondary complications.

**Program Goals:** The Pilot Grant program is designed to support efforts that reflect innovative approaches and techniques and aid in the development of necessary pilot data for submission of larger awards to NIH, ALR or other funding agencies. Applications in the following areas are particularly encouraged: (1) human investigation; (2) research that takes advantage of existing or planned collections of patients or clinical materials; and/or (3) grants that seek to identify or characterize putative biomarkers. A biomarker is an indicator of a disease process and could replace hard clinical endpoints as a measure of the effectiveness of new therapeutic interventions. Examples might include, but are not limited to: attempts to validate candidate biomarkers in well-defined populations, provide new technologies to measure biomarkers or

establish reliable assays for suspected markers. Preference for funding will be given to applicants who fall into any of the following categories: (1) new investigators who demonstrate promise and productivity and are working in an environment supportive of their research efforts; (2) scientists who are experts in areas other than lupus but whose expertise is relevant to the advancement of lupus research; (3) established lupus investigators embarking upon clearly discernible new directions in their work.

For more information: <http://www.lupusresearch.org/research/Pilot.html>

### **PHYSICAL SCIENCES & MATHEMATICS**

See also opportunities listed under MULTIPLE DISCIPLINES

#### **Focused Research Groups in the Mathematical Sciences (FRG) - NSF 06-580**

National Science Foundation (NSF); Directorate for Mathematical and Physical Sciences (MPS)  
Division of Mathematical Sciences (DMS)

**Deadline: Letter of Intent (required): August 17, 2007**

**Full Proposals: September 21, 2007**

The purpose of the Focused Research Groups in the Mathematical Sciences (FRG) activity is to allow groups of researchers to respond to recognized scientific needs of pressing importance, to take advantage of current scientific opportunities, or to prepare the ground for anticipated significant scientific developments in the mathematical sciences. Groups may include, in addition to mathematical scientists, researchers from other science and engineering disciplines appropriate to the proposed research. The activity will support projects for which the collective effort by a group of researchers is necessary to reach the scientific goals. Projects should be scientifically focused and well delineated. It is not the intent of this activity to provide general support for infrastructure. Projects should also be timely, limited in duration to up to three years, and substantial in their scope and impact.

For more information: <http://www.nsf.gov/pubs/2006/nsf06580/nsf06580.htm>

#### **Lunar Advanced Science and Exploration Research**

National Aeronautics and Space Administration (NASA); Research Opportunities in Space and Earth Sciences (ROSES) - 2007

**Deadline: September 7, 2007**

The Lunar Advanced Science and Exploration Research (LASER) program funds basic and applied lunar science. The goal of the program is to support and enhance lunar basic science and lunar exploration science as part of the Vision for Space Exploration's return to the Moon initiatives. The program is funded jointly by NASA's Science Mission Directorate and NASA's Exploration Systems Mission Directorate. It is the objective of the LASER program to fund a portfolio of lunar science investigations spanning the continuum from pure basic science to pure exploration science. Proposals are not required to fall strictly within one of these two end-

member science approaches; therefore, proposals may have significant components of both basic and applied lunar science. Proposals that bridge this gap are highly encouraged.

For more information:

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId=%7BF531EAD6-2BC7-BF9F-5B82-4FC84E5A36EF%7D&path=open>

### **Sloan Science and Technology Research Fellowships**

Alfred P. Sloan Foundation

**Deadline: September 15, 2007**

Sloan Research Fellowships are awarded to enhance the careers of the very best young faculty members in specified fields of science. Currently, fellowships are awarded annually in chemistry, computational and evolutionary molecular biology, computer science, economics, mathematics, neuroscience, and physics. Selection procedures for the Sloan Research Fellowships are designed to identify those who show the most outstanding promise of making fundamental contributions to new knowledge. Sloan Research Fellows, once chosen, are free to pursue whatever lines of inquiry are of the most compelling interest to them. Their Sloan funds can be applied to a wide variety of uses for which other, more restricted funds such as research project grants cannot usually be employed. Former Fellows report that this flexibility often gives the fellowships a value well beyond their dollar amounts.

Candidates for Sloan Research Fellowships are required to hold the Ph.D. (or equivalent) in chemistry, physics, mathematics, computer science, economics, neuroscience, relevant fields in the biological sciences, or in a related interdisciplinary field, and must be members of the regular faculty (i.e., tenure track) of a college or university in the United States or Canada. They may be no more than six years from completion of the most recent Ph.D. or equivalent as of the year of their nomination, unless special circumstances such as military service, a change of field, or child rearing are involved or unless they have held a faculty appointment for less than two years.

Candidates are nominated by department heads or other senior researchers. More than one candidate from a department may be nominated, but the Foundation recommends no more than three candidates from a department be nominated.

For more information: [http://www.sloan.org/programs/scitech\\_fellowships.shtml](http://www.sloan.org/programs/scitech_fellowships.shtml)

### **SOCIAL SCIENCES**

See also opportunities listed under HUMANITIES; INTERNATIONAL AREA STUDIES; and MULTIPLE DISCIPLINES

### **Geography and Regional Science (GRS) Program**

National Science Foundation (NSF); Directorate for Social, Behavioral, and Economic Sciences (SBE); Division of Behavioral and Cognitive Sciences (BCS); Geography and Regional Sciences

**Deadline: August 15, 2007; January 15, 2008**

The Geography and Regional Science (GRS) Program sponsors research on the geographic distributions and interactions of human, physical, and biotic systems on the Earth's surface. Investigations are encouraged into the nature, causes, and consequences of human activity and natural environmental processes across a range of scales. Projects on a variety of topics (both domestic and international) qualify for support if they offer promise of contributing to scholarship by enhancing geographical knowledge, concepts, theories, methods, and their application to societal problems and concerns. Support also is provided for projects that explicitly integrate undergraduate and graduate education into the overall research agenda.

For more information:

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5410&org=NSF&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5410&org=NSF&from=fund)

### **Grants for Individual or Group Projects**

Wabash College; Wabash Center for Teaching and Learning in Theology and Religion

**Deadline: September 1, 2007**

The Wabash Center provides funds for activities that enhance teaching and learning in the fields of religion or theology. It seeks to fund projects that improve practical application of teaching and learning methods, that create a supportive environment for teachers, or that promote a sustained conversation about pedagogy.

Projects might involve meetings of scholars across schools, regions, denominations, or subject areas to think about syllabi, teaching strategies, student learning styles, or teaching as a vocation. Projects might involve a single department experimenting with creative ways to enhance teaching or a doctoral institution helping their students prepare for teaching careers.

For more information: <http://www.wabashcenter.wabash.edu/grants/default.aspx>

### **Research Travel Grants Program**

National Archives and Records Administration (NARA); Office of Presidential Libraries

Gerald R. Ford Library

**Deadline: September 15, 2007**

The Gerald R. Ford Foundation is a private, non-profit corporation whose programs and exhibits are supported entirely by private contributions and bequests. In honoring President Ford's lifelong commitment to public service, the Foundation's focus is on exhibits, community affairs and educational programs, conferences, symposia, research grants and special projects that improve citizen interest and understanding of the challenges that confront government, particularly the presidency.

The Gerald R. Ford Foundation awards grants of up to \$2,000 each in support of research in the holdings of the Gerald R. Ford Library. A grant defrays travel, living, and photocopy expenses of

a research trip to the Ford Library. Overseas applicants are welcome to apply, but they will be responsible for the costs of travel between their home country and North America. The grants only cover travel within North America.

Library collections focus on Federal policies, U.S. foreign relations, and national politics in the 1960s and 1970s. There are earlier and later materials depending upon your topic.

For more information: <http://www.fordlibrarymuseum.gov/library/foundationgrants.asp>

## **MULTIPLE DISCIPLINES**

### **Faculty Early Career Development (CAREER) Program - NSF 05-579**

National Science Foundation (NSF)

**Deadline: July 17, 2007 (BIO, CISE, and HER); July 18, 2007 (ENG); July 19, 2007 (GEO, MPS, SBE, and OPP)**

The Faculty Early Career Development (CAREER) Program is a foundation-wide activity that offers the National Science Foundation's (NSF's) most prestigious awards in support of the early career-development activities of those teacher-scholars who most effectively integrate research and education within the context of the mission of their organization. Such activities should build a firm foundation for a lifetime of integrated contributions to research and education. NSF encourages submission of CAREER proposals from junior faculty members at all CAREER-eligible organizations and especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply.

Each year NSF selects nominees for the Presidential Early Career Awards for Scientists and Engineers (PECASE) from among the most meritorious new CAREER awardees. The PECASE program recognizes outstanding scientists and engineers who, early in their careers, show exceptional potential for leadership at the frontiers of knowledge. This Presidential Award is the highest honor bestowed by the U.S. government on scientists and engineers beginning their independent careers.

The minimum CAREER award, including indirect costs, will total \$400,000 for the five-year duration with the following exception. Proposers to the Biological Sciences Directorate (BIO) must submit budget requests for a minimum of \$500,000 for the five-year duration. The PECASE award is an honorary award for all NSF recipients and does not provide additional funds

By the directorate's July deadline for submission of CAREER proposals, applicants must fulfill the following requirements:

1. Hold a doctoral degree in a field of science or engineering supported by NSF
2. Be untenured
3. Have not previously received an NSF PECASE or CAREER award

By October 1 following the July deadline for submission of CAREER proposals, applicants must fulfill the following requirements:

1. Be employed in a tenure-track position (or tenure-track-equivalent position) as an assistant professor (or equivalent title) at an institution in the United States, its territories or possessions, or the Commonwealth of Puerto Rico, that awards degrees in a field supported by NSF, or
2. Be employed in a tenure-track position (or tenure-track-equivalent position) as an assistant professor (or equivalent title) at an organization in the United States, its territories or possessions, or the Commonwealth of Puerto Rico, that is a nonprofit, non-degree-granting organization such as a museum, observatory, or research lab

Proposers may submit only one CAREER proposal per annual competition, and may not participate in more than three CAREER competitions. Proposals that are not reviewed (i.e., are withdrawn or are returned without review) do not count toward the three-competition limit.

In addition to meeting the eligibility requirements of the CAREER program listed above, PECASE nominees must be U.S. citizens, nationals, or permanent residents who hold such status on or before their directorate's July deadline for submission of CAREER proposals. An individual may receive only one PECASE award in their career, therefore, persons who have received PECASE awards through other agencies are no longer eligible.

For more information: <http://www.nsf.gov/pubs/2005/nsf05579/nsf05579.htm>

### **Science and Society (S&S) - NSF 05-588**

National Science Foundation (NSF); Directorate for Social, Behavioral, and Economic Sciences (SBE); Division of Social and Economic Sciences (SES)

**Deadline: August 1, 2007**

Science and Society (S&S) considers proposals that examine questions that arise in the interactions of engineering, science, technology, and society. There are four components: Ethics and Values in Science, Engineering, and Technology (EVS); History and Philosophy of Science, Engineering, and Technology (HPS); Social Studies of Science, Engineering, and Technology (SSS); and Studies of Policy, Science, Engineering, and Technology (SPS). The components overlap, but are distinguished by the different scientific and scholarly orientations they take to the subject matter, as well as by different focuses within the subject area.

This program solicitation covers the following modes of support:

1. S&S Scholars Awards
2. Standard Research Grants and Grants for Collaborative Research
3. S&S Postdoctoral Fellowships
4. S&S Professional Development Fellowships
5. Doctoral Dissertation Research Improvement Grants
6. Small Grants for Training and Research
7. Conference and Workshop Awards

Proposals for the Small Grants for Training and Research (SGTR) mode of support may only be submitted by the August target date for consideration in the fall of each year.

For more information: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5324](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5324)

### **Development of PET and SPECT Ligands for Brain Imaging (STTR Award)**

Department of Health and Human Services (HHS); National Institutes of Health (NIH)

**Deadline: August 5, 2007;** December 5, 2007; April 5, 2008

Tremendous opportunities exist for the application of positron emission tomography (PET) and single photon emission computed tomography (SPECT) imaging in studies of the pathophysiology and treatment of brain disorders, but relatively few radioligands are currently available for functional imaging of target molecules implicated in normal brain function and in brain and behavioral disorders.

This initiative is intended to stimulate the development of radioligands for molecular targets (e.g., receptors, cell adhesion molecules, intracellular messengers, and disease-related proteins) that are of broad interest to the scientific community. The widespread availability and use of these radioligands are expected to accelerate research on identifying and characterizing the neural circuits and pathways implicated in the pathophysiology of brain disorders, and facilitate the identification of new therapeutic targets and the development of new compounds as potential therapeutic agents.

Exploratory studies on the identification of novel targets or the identification of base compounds for specific molecular targets are not appropriate topics for this initiative.

Molecular targets for which radioligands are needed, and for which research and development is encouraged under this PA include, but are not limited to, the following: receptors: adenosine; adrenergic: alpha 1, alpha 2; cannabinoid: CB1, CB2; corticotropin releasing hormone: CRH R1, CRH R2; dopamine: D1, D3, D4, D5, and low affinity DA receptors; estrogen; GABA A subunits; GABA ion channel; GABA B; glutaminergic; glycine site; metabotropic glutamate subtypes; muscarinic subunits; neurokinin receptors: NK1, NK2, NK3; nicotinic receptor subunits: alpha 7 and alpha 4 beta 2; NMDA subunits; opioid receptors: mu, delta, kappa; serotonin: 5-HT1A, 5-HT1B, 5-HT1D, 5-HT2A, 5-HT2C, 5-HT6, 5-HT7; sigma ligand; substance P; and voltage gated ion channels: Ca, Na, K - M current proteins.

The following objectives would make appropriate topics for proposed Phase I/Phase II projects. This list is not meant to be all-inclusive:

1. Lead compound identification/development and syntheses of chemicals with suitable binding affinity, biodistribution, pharmacokinetics, and physio-chemical properties allowing radiochemical synthesis
2. Preclinical studies, including initial pharmacology and toxicology to screen out compounds that are unlikely to be promising candidates for PET or SPECT imaging; radiolabeling procedures; in vitro and ex vivo autoradiography; in vivo imaging including micro PET (rodent or primate); and studies of pharmacological specificity, biodistribution, and pharmacokinetics

3. Model development for quantitation, including development and evaluation of pharmacokinetic models and use of animal models of gradient of binding sites/enzymes to assess sensitivity to changes
4. Determination of toxicology/pathology (Food and Drug Administration [FDA] approvable) for submission of and Radioactive Drug Research Committee (RDRC) or Investigational New Drug (IND) application
5. IND application development and submission to the FDA prior to pilot human studies
6. Pilot human imaging studies with normal controls, pharmacological challenges with analyses of radiometabolites under the auspices of IRB approval (i.e., RDRC or IND development and submission)
7. Clinical studies in patient/disease population or experimental manipulations

For more information: <http://grants2.nih.gov/grants/guide/pa-files/PA-06-018.html>

### **High-End Instrumentation Grant Program (S10)**

National Institutes of Health (NIH); National Center for Research Resources (NCRR)

**Deadline: Letter of Intent: August 17, 2007**

**Full Proposal: September 17, 2007**

The NCRR High-End Instrumentation Grant (HEI) program solicits applications from groups of NIH-supported investigators to purchase a single major item of equipment to be used for biomedical research that costs at least \$750,000. The maximum award is \$2,000,000. Instruments in this category include, but are not limited to, structural and functional imaging systems, macromolecular NMR spectrometers, high-resolution mass spectrometers, cryoelectron microscopes and supercomputers. It is expected that most of the equipment requested in the HEI Program will be of a specialized nature and will require a high level of technical expertise to operate the instrument and conduct experiments. Therefore, for the requested instrument to be used effectively and to avoid abuse of instrumentation, which frequently occurs in an open access environment, the bulk of the research time may have to be reserved for a few investigators. Alternatively, some type of instruments might be accessed by the research community through collaborations with appropriate investigators. Other types of instruments requested may not be as dedicated and will serve a broadly diversified biomedical community. In any case, priority for instrument use should be given to NIH-supported scientists engaged in biomedical/behavioral research.

For purpose of eligibility, a major user group of three or more investigators must be identified. A minimum of three major users must be Principal Investigators on NIH peer reviewed research grants at the time of the application and award. For purposes of this program, research grants are defined as those grants awarded with the following activity codes: P01, R01, U01, R35, and R37. The application should also show a clear need for the instrumentation by projects supported by multiple NIH peer reviewed research grants (including, but not limited to those listed above) and demonstrate that these projects will require at least 75 percent of the total usage of the instrument. Major users can be individual researchers, or a group of investigators within the same department or from several departments at the applicant institution. NIH extramural awardees from other nearby institutions may also be included.

For more information: <http://grants.nih.gov/grants/guide/pa-files/PAR-07-383.html>

### **Decision, Risk, and Management Science (DRMS)**

National Science Foundation (NSF); Directorate for Social, Behavioral, and Economic Sciences (SBE); Division of Social and Economic Sciences (SES); Decision, Risk, and Management Sciences (DRMS)

**Deadline: August 18, 2007;** January 18, 2008

The Decision, Risk and Management Sciences program supports scientific research directed at increasing the understanding and effectiveness of decision making by individuals, groups, organizations, and society. Disciplinary and interdisciplinary research, doctoral dissertation research, and workshops are funded in the areas of judgment and decision making; decision analysis and decision aids; risk analysis, perception, and communication; societal and public policy decision making; management science and organizational design. The program also supports small grants for exploratory research of a time-critical or high-risk, potentially transformative nature. Funded research must be relevant to an operational or applied context, grounded in theory, and generalizable. Purely algorithmic management science proposals should be submitted to the Operations Research Program rather than to DRMS.

For more information:

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5423&org=NSF&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5423&org=NSF&from=fund)

### **Youth Literacy Programs**

Starbucks Foundation

**Deadline: September 1, 2007;** March 1, 2008

Through its Giving Voice program, the Starbucks Foundation, a philanthropic vehicle of the Starbucks Coffee Company, will fund programs for youth, ages 6-18, which integrate literacy with personal and civic action in the communities where they live.

The Starbucks Foundation invites Letters of Inquiry from qualifying organizations that work with underserved youth in one of two areas: 1) Arts & Literacy — programs that innovatively address literacy and learning for the 21st century, provide high standards of excellence in mastering basic skills, and promote youth voices through a variety of venues; and 2) Environmental Literacy — programs that offer place-based approaches to addressing environmental literacy and empower youth to be heroes for a sustainable environment in their own communities.

The foundation supports registered, nonprofit, tax-exempt 501(c)(3) charitable organizations in the United States, as well as Registered Charities in Canada, that deliver services to youth and address at least one of the program's action areas.

Grants range from \$5,000 to \$20,000.

For more information: <http://www.starbucks.com/aboutus/grantinfo.asp?cookie%5Ftest=1>

### **Environmental Sustainability**

National Science Foundation (NSF); Directorate for Engineering (ENG); Chemical, Bioengineering, Environmental, and Transport Systems (CBET); Environmental Engineering and Sustainability

**Deadline: September 15, 2007**

The Environmental Sustainability program supports engineering research with the goal of promoting sustainable engineered systems that support human well-being and that also are compatible with sustaining natural (environmental) systems, which provide ecological services vital for human survival. The long-term viability of natural capital is critical for many areas of human endeavor, including agriculture, industry, and tourism. Research in Environmental Sustainability considers long time horizons and incorporates contributions from the social sciences and ethics.

This program supports engineering research that seeks to balance society's need to provide ecological protection and maintain stable economic conditions. Research is encouraged to advance the next generation of water and wastewater treatment that will decrease material and energy use, consider new paradigms for delivery of services, and promote longer life for engineered systems.

Other activities of interest include:

- advancing engineering methods to promote smart growth strategies,
- integrating economic development and protection of natural resources,
- regenerating ecological functions of degraded environments,
- understanding how large complex environmental systems behave, and
- developing effective principles for adaptive management of such systems.

For more information:

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=501027&org=CBET](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501027&org=CBET)