

Funding Opportunities Bulletin

January 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 or 864-7771, or Dan Coonfield at dcoonfie@ku.edu or 864-7404.

Click on the links below to go directly to the named section

[BUSINESS](#)

[EDUCATION](#)

[ENGINEERING & COMPUTER SCIENCE](#)

[FINE ARTS](#)

[HUMANITIES](#)

[INTERNATIONAL AREA STUDIES](#)

[MEDICINE & LIFE SCIENCES](#)

[PHYSICAL SCIENCES & MATHEMATICS](#)

[SOCIAL SCIENCES](#)

[MULTIPLE DISCIPLINES](#)

BUSINESS

See also opportunities listed under MULTIPLE DISCIPLINES

Joint NIDA-NIJ Initiative for Research on Retail Drug Markets (R21)

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

Deadline: Non-required letters of intent: January 23, 2007

Full Proposal: February 23, 2007

The purpose of this funding opportunity announcement is to encourage exceptional research on the dynamics of retail drug markets. This is a joint effort between the National Institute on Drug Abuse (NIDA) and the National Institute of Justice (NIJ) to bring together ongoing research agendas within NIDA and NIJ and to encourage the integration of epidemiologic research with behavioral and economic research. The intention is to encourage innovative research on the dynamics of retail drug markets.

This FOA will utilize a modified R21 grant mechanism. The total project period for an application submitted in response to this funding opportunity may not exceed three years. Although the size of award may vary with the scope of research proposed, it is expected that applications will stay within the budgetary guidelines. Direct costs are limited to \$150,000 per year over the three-year period, with no more than \$150,000 in direct costs allowed in any single year. Applicants may request direct costs in \$25,000 modules, up to the total direct costs limitation of \$450,000 for the combined three-year award period. NIDA and NIJ intend to commit \$1 million in FY 2007 to fund 3-5 new grants in response to this FOA.

For more information: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-DA-07-013.html>

Interventionist Research Initiative (Management Accountancy)

Chartered Institute of Management Accountants (CIMA)

Deadline: February 28, 2007

The Chartered Institute of Management Accountants (CIMA) invites proposals that will examine management accountancy issues through the process of interventionist research. In the interventionist research process the researcher is an active participant - finding solutions to organizational problems. Research projects will focus on real and immediate problems, involving academics and practitioners working together to find solutions. CIMA expects the majority of proposals to be based on existing and probably well established partnerships between academics and practitioners. However, enquiries from researchers who are not in such established relationships, but have expertise or interest in interventionist research will be also considered.

Proposals could cover any issues of relevance to the field of management accounting and the role of the accountant in business; but preferably they should fit into the Technical Agenda outlined in the CIMA Technical brochure or in the CIMA Research Strategy (available on the CIMA website). CIMA's Research and Development Group have identified the following as examples of contemporary issues that could be explored:

- Organizations without boundaries
- Technological developments
- Outsourcing and business partnering
- Organizational growth/contraction
- Technical modification of a management accounting system

Other issues within the field of management accounting will also be considered.

For more information: <http://www.cimaglobal.com/cps/rde/xchg/SID-0AAAC544-44EC531A/live/root.xsl/1535.htm>

William Diaz Fellowships

Nonprofit Academic Centers Council

Deadline: March 31, 2007

The Nonprofit Academic Centers Council offers the William Diaz Fellowships to acknowledge William Diaz's contributions to the development of minority leadership for nonprofit organizations, foundations, and the field of philanthropic and nonprofit management studies. This fellowship will also encourage a better understanding of philanthropy from diverse communities.

All fellows must also be members of the following communities of color:

1. African American / Black
2. Latino
3. Asian / Pacific Islander
4. American Indian / Alaskan Native

For more information: http://www.naccouncil.org/fellowship_app_proc.asp

EDUCATION

See also opportunities listed under MULTIPLE DISCIPLINES

Sylvia Taylor Johnson Minority Fellowship in Educational Measurement

Educational Testing Service (ETS)

Deadline: February 1, 2007

Sylvia Taylor Johnson had a significant influence nationally on educational measurement and assessment through her research, extensive writings, and service to the educational community as an educator, editor, counselor, committee member, and collaborator. In honor of Dr. Johnson's important contributions to the field of education, the Educational Testing Service (ETS) has established the Sylvia Taylor Johnson Minority Fellowship in Educational Measurement. The goals of the fellowship include promoting excellence, encouraging original and significant research for early-career scholars, and providing talented minority scholars an opportunity to carry out independent research under the mentorship of ETS senior researchers. Studies focused on issues concerning the education of minority students are especially encouraged.

The Doctorate degree must have been received within the past ten years. The fellowship is for a period of up to two years and is renewable after the first year by mutual agreement. The stipend is in relation to the successful applicant's compensation at the home institution. Limited relocation reimbursement expenses (consistent with ETS policy) will be available.

For more information:

<http://www.ets.org/portal/site/ets/menuitem.1488512ecfd5b8849a77b13bc3921509/?vgnextoid=444866bbe26ed010VgnVCM10000022f95190RCRD&vgnnextchannel=4685d635e06ed010VgnVCM10000022f95190RCRD>

HP Technology for Teaching Grant Initiative

HP Technology

Deadline: February 15, 2007

The HP Technology for Teaching Grant Initiative is designed to support the innovative use of mobile technology in K-16 education and to help identify K-12 public schools and two- and four-year colleges and universities that HP might support with future grants. Based on the outcomes of the projects funded through this initiative in 2007, HP may offer some grant recipients additional, higher-value grants in 2008.

In 2007, HP will award approximately \$10 million in total cash and equipment to schools in the U.S. and Puerto Rico through the HP Technology for Teaching Program, including reinvestment for selected projects previously funded.

K-12 Request for Proposals: In 2007, HP will grant awards to K-12 public schools in the United States, including Puerto Rico, that are using a collaborative, team-based approach to implementing technology integration projects. The activities of the project must be focused on using technology to teach, rather than on teaching students to use technology. HP will select teams of five teachers from approximately thirty schools to receive the equipment, professional development, and support they need to effectively integrate technology into their instruction. The value of the grant award to each school is at least \$30,000.

Higher Education Request for Proposals: For the 2007 U.S. HP Technology for Teaching Grant in Higher Education, HP invites a teams consisting of at least two faculty members to propose a course redesign project for one or more undergraduate courses that are part of an accredited degree program in one or more of the following eligible disciplines: mathematics; science (physical, environmental, computer); and engineering (electrical, computer, mechanical, environmental, materials).

HP will select approximately forty campuses in the U.S. and Puerto Rico to each receive a product bundle for one faculty member and a classroom valued at approximately \$55,000; a \$19,000 cash grant for the principal investigator to use to support the work of the project; and attendance at the annual HP Technology for Teaching Worldwide Higher Education conference in early 2008.

For more information: http://www.hp.com/hpinfo/grants/us/programs/tech_teaching/index.html

Advanced Learning Technologies (ALT) - NSF 06-535

National Science Foundation (NSF)

Deadline: April 25, 2007

Through the Advanced Learning Technologies (ALT) program, the Directorate for Computer and Information Science and Engineering (CISE) and Directorate for Education and Human Resources (EHR) of the National Science Foundation (NSF) support research that enables radical

improvements in learning through innovative computer and information technologies, and advances research in computer science, information technology, learning, and cognitive science through the unique challenges posed by learning environments and learning technology platforms. Integrative research approaches that build across disciplines and establish tight linkages among theory, experiment, and design are strongly encouraged. Technology goals may include systems for tutoring or assessment, modeling and sensing of cognitive or emotional states, context awareness, natural language interfaces, collaboration, knowledge management, and non-traditional goals that redefine the roles of technology in learning. Educational foci for ALT projects must include an area of science, technology, engineering, or mathematics (STEM), or general cross-cutting skills directly relevant to STEM.

In response to this solicitation, an investigator may participate as PI, or Co-PI in no more than one proposal.

For more information: <http://www.nsf.gov/pubs/2006/nsf06535/nsf06535.htm>

ENGINEERING & COMPUTER SCIENCE

See also opportunities listed under MULTIPLE DISCIPLINES

Strategic Technologies for Cyberinfrastructure (STCI)

National Science Foundation (NSF); Office of Cyberinfrastructure (OCI)

Deadline: February 8, 2007

The primary purpose of the Strategic Technologies for Cyberinfrastructure Program (STCI) is to support work leading to the development and/or demonstration of innovative cyberinfrastructure services for science and engineering research and education that fill gaps left by more targeted funding opportunities. In addition, it will consider highly innovative cyberinfrastructure education, outreach and training proposals that lie outside the scope of targeted solicitations.

The National Science Foundation provides a number of targeted funding opportunities for the development of cyberinfrastructure, for the provision of cyberinfrastructure services, and for related education, outreach and training. However, cyberinfrastructure technology and training are broad continua. It is anticipated that, at any given time, there will be ideas that do not map neatly onto the extant portfolio of cyberinfrastructure solicitations yet have a high potential impact on research and education. Accordingly, the Strategic Technologies for Cyberinfrastructure program will accept proposals for cyberinfrastructure development, demonstration, education, outreach and training activities that are not aligned with the specific goals of other existing cyberinfrastructure funding opportunities and which have the potential to transform multiple areas of research or education.

Projects appropriate for this program should:

- be activities that include a demonstration of the potential impact on science or engineering research or education;
- generate outcomes not currently under development elsewhere;
- meet a clearly described cyberinfrastructure need not met elsewhere; and
- generate outcomes that will be of interest to a range of science and engineering communities.

For more information:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=500066&org=NSF&sel_org=NSF&from=fund

Visiting Researcher Support Program

International Information Science Foundation (IISF)

Deadline: February 28, 2007; June 30, 2007

The International Information Science Foundation (IISF) in Japan supports the travel expenses of outstanding young computer scientists who wish to visit Japan for research purposes.

Activities supported by IISF include a presentation at an international conference on computing science held in Japan, and conducting research at a Japanese university or research institute.

The applicant should be a scientist doing fundamental research in computer science at a university or research institute (including graduate studies). The applicant must be a citizen of a country other than Japan, and should be at most 40 years old. If presenting at an international conference, the paper must have been accepted before applying to IISF. If visiting a university or research institute, the application must be accompanied by a letter of recommendation (invitation) from a host researcher at that university or institute. Obtaining such an invitation is the responsibility of the applicant, not of IISF.

Applicants whose research field falls under the general heading of information or computer science will be considered. These fields include, but are not restricted to, computer graphics, computer network, computing system, computing theory, databases, intelligent systems, robotics, and software and software science.

For more information: <http://www.iisf.or.jp/index-en.html>

Environmental Sustainability

National Science Foundation (NSF)

Deadline: March 1, 2007; 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.

Improvements in distribution and collection systems that will advance smart growth strategies and ameliorate effects of growth are research areas that are supported by Environmental Sustainability. Innovations in storm water management, wastewater technology, indoor air quality, recycling and reuse of drinking water, and other green engineering techniques to support sustainable construction projects also may be fruitful areas for research.

Understanding material flows and taking advantage of such understanding to substitute less toxic, longer lived materials are important areas for consideration. The effects of substituted materials on waste streams can be explored. Innovations in industrial ecology are encouraged. Engineering tools for estimating costs and ramifications of sustainable development must be developed, tested, and evaluated.

Along with companion programs in Environmental Engineering and Environmental Technology, the program emphasizes engineering principles underlying pollution avoidance and remediation of degraded environments. Research also may be directed toward improving the cost-effectiveness of pollution prevention and pollution management technologies.

For more information:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501027&org=NSF&sel_org=NSF&from=fund

U.S. Army Research Office Broad Agency Announcement for Experimental and Theoretical Development of Quantum Information Science

United States Department of Defense (DOD); Department of the Army; Army Research Office (ARO)

Deadline: March 19, 2007

The U.S. Army Research Office (ARO) has announced the availability of a Broad Agency Announcement (BAA) for Experimental and Theoretical Development of Quantum Information Science. ARO together with the Disruptive Technologies Office (DTO) solicits research proposals in the following categories:

1. **Quantum Computing Concept Maturation:** proposals are specifically for combined experimental and theoretical studies of potential physical embodiments of quantum bits and quantum logic, perhaps including studies in the related fields of quantum error correction, control, decoherence, and entanglement.
2. **Short-Term, Innovative Concepts:** proposals are smaller, short-term (1-3 year) experimental or theoretical studies exploring new quantum computing concepts that could engender a larger scale project in the future.
3. **Quantum Algorithms:** proposals should primarily develop new quantum computing algorithms, but may also consider issues of quantum computational complexity and computability.
4. **Quantum Enabling Technologies:** proposals should primarily develop special technologies or devices that are difficult to procure or are unavailable commercially, that are critical to the quantum computing and quantum communications projects.
5. **Quantum Computing and Communications Research Fellowships:** proposals for graduate students or postdocs who are U.S. citizens working on quantum computing or communications research in areas described in the BAA.

For more information: <http://www.aro.army.mil/baa>

FINE ARTS

Ronald N. and Susan Dubin Native American Artist Fellowship

School of American Research

Deadline: February 1, 2007

The Ronald N. and Susan Dubin Native American Artist Fellowship has been established to support Native American artists at the Indian Arts Research Center at the School of American Research. The mission of the Dubin Fellowship is to encourage traditional Native American arts through support of artists of high merit. The program is designed to perpetuate the traditional arts by providing financial support to artists, and by assisting them with their study of the School's

collections in order to inspire their work. The program seeks to stimulate Southwestern Native American arts by awarding summer fellowships to individuals who excel primarily in the visual arts which relate to the School's collecting emphasis, but artists who work in the verbal and performing arts will also be considered.

Philosophy of the Program

The program seeks to assist Native American artists in furthering their education about the arts from their own community by facilitating their study of the School's collection, and in general, by encouraging the distinctive, living artistic traditions of southwestern Native people. By providing encouragement, financial assistance, time to study the collections and to interact with the staff, the Ronald N. and Susan Dubin Native American Artist Fellowship will (1) increase the quality of the arts; (2) increase public awareness of individual artists; (3) provide a significant economic benefit for the recipient; and (4) create a dialogue between the artists and the IARC staff that will enhance our understanding of the aesthetic and creative process.

The Ronald N. and Susan Dubin Native American Artist Fellowship enables the Indian Arts Research Center to maintain its leadership position in supporting southwestern Native American artists. The main goal of the fellowship is to stimulate individual creativity and growth, and to assist them in their efforts to make significant contributions to their area of artistic expression.

For more information: <http://www.sarweb.org/IARC/dubin/dubin.htm>

U.S./Japan Creative Artists Program

Japan-United States Friendship Commission (JUSFC)

Deadline: February 1, 2007

Each year leading contemporary and traditional artists from the United States spend five months in Japan as part of the United States/Japan Creative Artists Program. They go as seekers, as cultural visionaries, and as living liaisons to the traditional and contemporary cultural life of Japan. The outlook they bring home provides an unparalleled opportunity to promote cultural understanding between the United States and Japan.

Cultural understanding is at the heart of this program. It provides funds for up to five artists to complete the residency in Japan. Artists are free to interact with Japanese artists anywhere in the country and to pursue activities of greatest relevance to their creative process. While many artists chose to remain in Tokyo, others have undertaken their residencies in Kyoto or other cities, and still others have worked in rural settings or have visited a number of sites relevant to their work.

While artists will be predominantly on their own upon their arrival in Tokyo, International House of Japan provides in-depth orientation materials, expert advice and professional contacts, as well as logistical support during the residency period.

For more information: <http://www.jusfc.gov/programguidelines.asp>

The Multi-Arts (MAP) Production Fund

Creative Capital

Deadline: February 16, 2007

The Multi-Arts (MAP) Production Fund, a program of Creative Capital, supports original new work in all disciplines and traditions of the live performing arts. The goal of the MAP Fund is to assist artists who are exploring and challenging the dynamics of live performance within our changing society, thus reflecting our culture's innovation and growing diversity. In keeping with the mandate of its founding organization, The Rockefeller Foundation, MAP seeks especially to support work that brings insight and vibrant critique to the issue of cultural difference, be that in class, gender, generation, ethnicity, or tradition. In contrast to the preservation or examination of existing repertoire, MAP supports those creating the art of our own time.

As with all Creative Capital programs, the MAP Fund is committed to working in partnership with the artists whom we fund, providing professional development assistance and multi-faceted financial aid throughout the life of a project. For this reason, projects that apply for MAP support early in their development often benefit most from our support.

For more information: <http://www.mapfund.org/apply.html>

Irene Winifred Eno Grant

American Society of Interior Designers (ASID), ASID Foundation, Inc.

Deadline: March 31, 2007

The ASID Foundation, Inc. administers endowments from generous American Society of Interior Designers (ASID) members that have been used to fund awards and scholarships to deserving students. The Irene Winifred Eno Grant provides financial assistance to individuals or groups engaged in the creation of an educational program or programs or an interior design research project dedicated to the health, welfare, and safety of consumers. Entries should address these issues as they relate to the interior design customer. The grant will be awarded on the basis of the project description, break down of potential use of funds, and the marketing plan for the use and distribution of the end product of the project.

For more information: <http://www.asid.org/AsidFoundation/projects.htm>

HUMANITIES

See also opportunities listed under MULTIPLE DISCIPLINES

Gift of Freedom

A Room of Her Own: A Foundation for Women Writers and Artists

Deadline: February 1, 2007

To be selected for the Gift of Freedom, women applicants not only must demonstrate their talent, but also their motivation. We are looking for women who have solid creative goals and a specific

project to accomplish during the two-year term of the grant. We are also interested in helping women who have a track record of commitment to their art and who are also making a substantial effort to be self-sufficient. We also give our award based, in part, on the potential future impact of the artist's or writer's work on the broader community. We support women with a social, as well as an artistic, vision. The award recipients have a "moral" contract to complete their project and give back to A Room of Her Own Foundation and mentor other Gift of Freedom recipients. We are interested in supporting women who have a track record of commitment to their art and who are also making a substantial effort to be self-sufficient.

The successful applicant will have a well articulated creative project concept and a clear plan for how it may be accomplished.

For more information: <http://www.aroomofherown.org/giftfreedom.html>

Humanities Fellowship Program

Asian Cultural Council (ACC)

Deadline: February 1, 2007; August 1, 2007

The Asian Cultural Council's (ACC's) Humanities Fellowship Program assists American scholars, doctoral students, and specialists in the humanities to undertake research, training, and study in Asia in the following fields: archaeology; conservation; museology; and the theory, history, and criticism of architecture, art, dance, film, music, photography, and theater. The program also supports American and Asian scholars participating in international conferences, exhibitions, visiting professorships, and similar projects. Individuals and institutions wishing to inquire about the possibility of grant support should send a brief description of the activity for which assistance is being sought to the Council. If the proposed activity falls within the ACC's guidelines, application materials requesting more detailed information will be provided by the ACC, and applicants will be informed as to when their proposals can be presented to the trustees of the Council for formal review. The deadline for receipt of completed applications is February 1 for proposals to be considered at the spring meeting of the ACC's trustees.

For more information: <http://www.asianculturalcouncil.org/programs.html>

Visiting Research Fellowships 2006-2008

University of Edinburgh; Institute for Advanced Studies in the Humanities (IASH)

Deadline: March 3, 2007

The Institute for Advanced Studies in the Humanities (IASH) invites applications for fellowships in Edinburgh for research in the humanities.

No limitation is placed on the area of research within the humanities and social sciences but priority will be given to those whose work falls within the scope of one of the IASH's current research themes:

- Life Writing, Testimony and Self-Construction

- Diasporas, Migrations and Identities
- Institutions and Oppositions of Enlightenment
- The Humanities in the Twenty-First Century University

Inter-departmental and interdisciplinary study is encouraged.

Fellowships are for two to six months, during the period June 2006 to September 2008.

The fellowships are not funded. Fellows are allocated a private office in the institute with all the usual research facilities and are expected to play a full part in the activities of the institute. Fellows will give at least one seminar on their current research work during their tenure. No regular teaching is required. Fellows are expected to be resident in Edinburgh throughout the tenure of their fellowship.

For more information: <http://www.iash.ed.ac.uk/visiting.fellowships.html>

Parsons Fund Award

Library of Congress; American Folklife Center

Deadline: March 10, 2007

The Parsons Fund Committee for the Gerald E. and Corinne L. Parsons Fund for Ethnography at the Library of Congress invites applications for awards. The purpose of the fund is to make the collections of primary ethnographic materials housed anywhere at the Library of Congress available to the needs and uses of those in the private sector.

Projects may lead to publication in media of all types, both commercial and non-commercial; underwrite new works of art, music, or fiction; involve academic research; contribute to the theoretical development of archival science; explore practical possibilities for processing ethnographic collections in the Archive of Folk Culture or elsewhere in the Library of Congress; develop new means of providing reference service; support student work; experiment with conservation techniques; and support ethnographic field research leading to new library acquisitions.

For more information: <http://www.loc.gov/folklife/grants.html>

INTERNATIONAL AREA STUDIES

See also opportunities listed under HUMANITIES and MULTIPLE DISCIPLINES

Asian Art and Religion Fellowship Program

Asian Cultural Council (ACC)

Deadline: February 1, 2007; August 1, 2007

Asian Cultural Council's (ACC's) Asian Art and Religion Fellowship Program focuses on the relationship between the artistic and religious traditions of Asia. The program enables American scholars, specialists, and artists to conduct research and undertake projects in Asia involving the interdisciplinary analysis of religion and the arts.

For more information: <http://www.asianculturalcouncil.org/programs.html>

Research Travel Within the USA

Association for Asian Studies, Inc. (AAS); AAS NEAC Japan Studies Grants

Deadline: February 1, 2007; October 1, 2007

The Northeast Asia Council (NEAC) of the Association for Asian Studies (AAS), in conjunction with the Japan-United States Friendship Commission (JUSFC), supports a variety of grant programs in Japanese studies designed to facilitate the research of individual scholars, to improve the quality of teaching about Japan on both the college and precollege levels, and to integrate the study of Japan into the major academic disciplines.

Under the Research Travel within the USA category, grants are offered to persons who are engaged in scholarly research on Japan and wish to use museum, library, or other archival materials located in the United States.

For more information: <http://www.aasianst.org/grants/grants.htm#NEAC-JAPAN>

National Endowment for the Humanities (NEH) Collaborative Humanities Research Fellowship

National Council for Eurasian and East European Research (NCEEER)

Deadline: February 15, 2007

The National Endowment for the Humanities (NEH) is pleased to announce the open, merit-based competition for Collaborative Humanities Research Fellowships for the academic year 2007-2008. Postdoctoral scholars from the United States in the humanities may apply for collaborative research opportunities at universities and institutes in any country of Eastern or Central Europe or the Newly Independent States (NIS) of the former Soviet Union.

Topics are not restricted to regional or area studies; however, the project must involve at least one collaborator from the region and research in the region itself. Especially encouraged are

applications with a strong regional focus and the potential to broaden and strengthen international academic linkages beyond the traditional centers such as Moscow, St. Petersburg, Warsaw, and Prague.

The National Endowment for the Humanities manages this program with funding allocated by the Congress of the United States. The NEH Collaborative Humanities Fellowship program is administered by the American Councils for International Education: ACTR/ACCELS (American Councils) in collaboration with the National Council for Eurasian and East European Research (NCEEER).

Individuals who are eligible to participate in the Collaborative Humanities Fellowship program are

- scholars who hold a Ph.D. degree or other relevant terminal degree;
- scholars who demonstrate a specific need to conduct collaborative research on topics in the
- humanities in the regions of East-Central Europe and the Independent States;
- scholars who have a level of writing and speaking proficiency in a language of the region that is sufficient to conduct independent research and engage colleagues, or who are able to demonstrate that such proficiency is not essential to the successful completion of the research;
- scholars prepared to present an authoritative and persuasive plan for collaborative research; and
- scholars who are able to begin their projects between June 2007 and March 2008, and plan to spend a minimum of four months carrying out research.

For more information: <http://www.nceeer.org/Programs/NEH%20%20fellowship.htm>

National Scholarship Programme of the Slovak Republic for the Support of Mobility of Students, Ph.D. Students, University Teachers and Researchers

Ministry of Education - Slovak Republic

Deadline: May 15, 2007; November 15, 2007

The Government of the Slovak Republic has established a national scholarship program for the support of mobility of students, Ph.D. students, university teachers, and researchers under the terms of MINERVA program. MINERVA is the official governmental program for the development of knowledge-based economy in Slovakia. The aim of MINERVA is to pursue activities to support development of the knowledge-based economy in Slovakia. These activities focus on four basic areas: science, R&D, and innovations; education and employment; business environment; and information society.

The following types of scholarships are available:

- a) Scholarships for foreign university students to take part in master's (graduate) study over a period of one to two semesters (from 5 to 10 months) at Slovak universities
- b) Scholarships for foreign Ph.D. students to undertake a portion of their Ph.D. studies over a period of 1 to 12 months at Slovak universities or research institutes of the Slovak Academy of

Sciences

c) Scholarships for foreign university teachers and researchers over a period of 1 to 12 months to carry out teaching or research at Slovak universities, research institutes, or nongovernmental organizations on the basis of an invitation

For more information: <http://www.saia.sk/eng/c.aspx?c=410>

MEDICINE & LIFE SCIENCES

See also opportunities listed under MULTIPLE DISCIPLINES

New Investigator Research Grants

Leukemia Research Foundation, Inc.

Deadline: February 10, 2007

The Leukemia Research Foundation supports research on leukemia and related subjects. These New Investigator Research grants should be clearly identified as one year of pilot funding for new projects and should not be used for bridge funding of established laboratory investigators who are between larger grants. The foundation intends that its support should enable an investigator to initiate and develop a project sufficiently to obtain continuing funding from national agencies.

For more information: <http://www.leukemia-research.org/researchers/index.asp>

Healthy Eating Research: Building Evidence to Prevent Childhood Obesity

Robert Wood Johnson Foundation

Deadline: February 13, 2007

Healthy Eating Research is a national program that supports research on environmental and policy strategies to promote healthy eating among children to prevent childhood obesity, especially among low-income and racial/ethnic populations at highest risk for obesity. Findings are expected to advance the Foundation's efforts to reverse the childhood obesity epidemic by 2015. This second round of funding focuses on children's food environments and policies in selected community settings: preschool, child-care, school and after-school environments, as well as nearby food outlets.

For more information: <http://www.rwjf.org/applications/solicited/cfp.jsp?ID=19770>

Research Grants

Hereditary Disease Foundation

Deadline: February 15, 2007; June 15, 2007; October 15, 2007

The focus of the Hereditary Disease Foundation is on Huntington's disease. Support will be for research projects that will contribute to identifying and understanding the basic defect in Huntington's disease. Areas of interest include

- trinucleotide expansions,
- animal models,
- gene therapy,
- neurobiology and development of the basal ganglia,
- cell survival and death, and
- intercellular signaling in striatal neurons.

The maximum award for research grants is \$50,000. Grants are usually for one year with a possibility of renewal. Grants are considered seed money.

For more information: <http://www.hdfoundation.org/funding/grants.php>

The Robert Wood Johnson Clinical Scholars Program

Robert Wood Johnson Foundation

Deadline: February 15, 2007

The Robert Wood Johnson Clinical Scholars Program fosters the development of physicians who will lead the transformation of American's health care. These future leaders will conduct innovative research and work with communities, organizations, practitioners and policy-makers on issues important to the health and well-being of all Americans. Program highlights include:

- leadership training;
- mentoring;
- protected research time;
- national networking; and
- health services and community-based research training.

For more information: <http://www.rwjf.org/applications/solicited/cfp.jsp?ID=19707>

Clinical Pharmacy Post-Pharm.D. Fellowships in the Biomedical Research Sciences

American Foundation for Pharmaceutical Education (AFPE)

Deadline: February 15, 2007

The American Foundation for Pharmaceutical Education (AFPE) offers the Clinical Pharmacy Post-Pharm.D. Fellowship in the Biomedical Research Sciences to enable a Pharm.D.-level clinical pharmacist to obtain advanced education, training, and expertise in relevant areas of the

biomedical and related basic sciences in order to become a competent clinical scientist in academia, the pharmaceutical industry, institutional settings, or government able to create and maintain a prominent peer-reviewed research program and make major contributions to the biomedical and pharmaceutical sciences. The fellowship is not intended to support clinical training or experience.

To generate skilled clinical scientists capable of conducting and teaching clinically oriented research, advanced training is required in disciplines beyond that provided in a Pharm.D. program. These advanced disciplines may include, for example, advanced statistics and biostatistics, biochemical pharmacology, pharmaceuticals, pharmacodynamics, pharmacoeconomics, pharmacoepidemiology, pharmacokinetics, and research design/mathematical modeling.

For more information: http://www.afpenet.org/clinic_postpharm_fellow.htm

NIAMS Small Grant Program For New Investigators (R03)

Department of Health and Human Services (HHS); National Institutes of Health (NIH)
National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)

Deadline: February 23, 2007

The National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) Small Grant program (R03) is designed to facilitate the entry of promising new investigators into research on arthritis and musculoskeletal and skin diseases and injuries by providing support for pilot research that is likely to lead to a subsequent individual research project grant (R01). Brief summaries of the focuses of the NIAMS' Extramural Program branches are listed below:

Rheumatic Diseases

The mission of the Rheumatic Diseases Branch is to promote and support research leading to prevention, diagnosis and cure of rheumatic and related diseases. The Branch supports basic, epidemiologic, and clinical research on etiology, pathogenesis, course, interventions, and outcomes in rheumatic and related diseases.

Muscle Biology

The Muscle Biology Branch encourages and supports research on skeletal muscle, its diseases and disorders, and its central role in human physiology and exercise. Topics include the molecular structure of muscle and the molecular mechanisms that produce force and motion. One focus of this program is understanding the alterations in muscle resulting from increased exercise regimens and, conversely, the atrophy that follows immobilization during injury or illness.

Musculoskeletal Diseases

This Branch supports studies of the skeleton including bones, joints and associated connective tissues. Broad areas of interest include skeletal development, metabolism, mechanical properties, and responses to injury. Clinical and basic research in the areas of osteoporosis and orthopaedic sciences are of particular interest under this program. Other musculoskeletal disorders of interest include osteoarthritis, osteogenesis imperfecta, and Paget's disease. The Program supports

research in the area of acute and chronic injuries of the musculoskeletal system including work related and repetitive stress injuries. Research proposals related to the development of new technologies with the potential to improve treatment and/or diagnosis of skeletal disorders and to facilitate the repair of trauma in the normal skeleton are of great interest. In addition, bioengineering, sports medicine and musculoskeletal fitness are areas of special research emphasis.

Skin Diseases

This Branch supports basic and clinical studies of the skin in normal and disease states. The wide range of skin diseases under study with NIAMS support includes keratinizing disorders such as psoriasis and ichthyosis, atopic dermatitis and other chronic inflammatory skin disorders, the vesiculobullous diseases such as epidermolysis bullosa and pemphigus, acne, and vitiligo.

For more information: <http://grants.nih.gov/grants/guide/pa-files/PAR-06-383.html>

Specialized Cooperative Centers Program in Reproduction and Infertility Research (U54) National Institutes of Health (NIH); National Institute of Child Health and Human Development (NICHD)

Deadline: Letters Of Intent Receipt Date: May 22, 2007

Application Receipt Date: June 22, 2007

The National Institute of Child Health and Human Development (NICHD), through the Reproductive Sciences Branch (RSB) in the Center for Population Research (CPR), provides funding for a limited number of research centers in the reproductive sciences. These centers provide an arena for multidisciplinary interactions among basic and clinical scientists interested in establishing high quality research programs in the reproductive sciences. The centers also serve as national resources for the career development of young scientists electing to pursue research in high priority areas of reproduction and infertility research. Accordingly, the purpose of this RFA is to announce the annual recompetition of the Specialized Cooperative Centers Program in Reproduction Research now called the Specialized Cooperative Centers Program in Reproduction and Infertility Research. Applications are sought from investigators willing to participate with the NICHD under a cooperative agreement in a multicenter cooperative research program. Center investigators will be expected to work with NICHD staff in facilitating research collaborations and interactions within and among centers. Such a cooperative program will form a national network that fosters communication, innovation and research excellence with the ultimate goal of improving human reproductive health through accelerated transfer of basic science findings into clinical practice.

This RFA is specifically designed to stimulate the reproductive sciences research community to organize and maintain research-based centers of outstanding quality that, serving as national research resources, form a cooperative network with NICHD that fosters communication, innovation and high quality reproduction and infertility research. Such networking as afforded by the cooperative nature of this Centers Program will ensure that the reproductive research community remains in the forefront of the development and utilization of new technologies that

can be used to diagnose, treat and ameliorate reproductive diseases and disorders, as well as to identify novel leads for fertility regulation.

Applicants may submit more than one application, provided they are scientifically distinct, and based in different departments or units

For more information: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-07-003.html>

PHYSICAL SCIENCES & MATHEMATICS

See also opportunities listed under MULTIPLE DISCIPLINES

Grants for Women and Mathematics Projects

Mathematical Association of America (MAA)

Deadline: February 15, 2007

The Mathematics Association of America (MAA) plans to award grants for projects designed to encourage college and university women or high school and middle school girls to study mathematics. The Tensor Foundation, working through the MAA, is soliciting proposals for projects that may replicate existing successful projects, adapt components of such projects, or be innovative. Possible projects are to

- organize a club for women interested in mathematics or mathematics and science;
- provide release time to allow a faculty member to prepare a course on women and mathematics provided the host institution agrees to offer such a course;
- create a network of women professional mentors who will direct mathematics projects for girls;
- hold a conference for counselors to prepare them to encourage women and girls to continue to study mathematics;
- conduct a summer mathematics program for high school women;
- bring high school women onto a college campus for a Math Day with follow-up;
- structure a program for high school or college women to mentor younger female mathematics students with math projects or math clubs; and
- form partnerships with industry to acquaint women students with real-life applications of mathematics.

The objectives of the MAA and Tensor Foundation Program are to encourage mathematics faculty to develop projects to increase participation of women in mathematics and to provide support to project directors.

For more information: http://www.maa.org/programs/tensor_solic.html

Microbial Genome Sequencing (CSREES)

United States Department of Agriculture (USDA); Cooperative State Research, Education, and Extension Service (CSREES)

Deadline: March 8, 2007

As a collaborative, interagency effort, the Cooperative State Research, Education, and Extension Service (CSREES) of the U.S. Department of Agriculture (USDA), and the National Science Foundation (NSF) are soliciting proposals for the Microbial Genome Sequencing Project.

The purpose of this interagency program announcement is to solicit proposals to conduct high-throughput sequencing of genomes of microbes that are of fundamental biological interest, as well as those that are important to the productivity and sustainability of agriculture and forestry, and to the safety and quality of the nation's food supply.

Priority will be given to projects that will provide whole genome sequence data and mapping information on microorganisms to fill key gaps in our knowledge of microbial diversity, of microbes that play roles in diverse ecosystems, and/or microbes that have an impact on agriculture. Priority also will be given to projects that integrate education and outreach and those that establish close collaboration among multiple investigators, institutions and end users.

For more information:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5688&org=BIO&from=home.

Research Grants - Young Investigators' Grants and Program Grants

Human Frontier Science Program Organization (HFSP)

Deadline: Required pre-registration for a password: March 22, 2007

Required letter of intent: April 3, 2007

Research Grants provided by the Human Frontier Science Program (HFSP) support basic research in the life sciences with emphasis placed on novel, innovative, and interdisciplinary approaches that involve scientific exchanges across national and disciplinary boundaries.

Recent developments in the biological and physical sciences, in emerging disciplines such as computational biology and nanoscience, open up new approaches to understanding these mechanisms of living organisms and there is a clear need for participation of scientists from outside the life sciences to understand the complex structures and regulatory networks that characterize the living state. The HFSP aims to support research into fundamental biological problems with the involvement of other disciplines such as chemistry, physics, mathematics, computer science, or engineering.

To stimulate novel, daring ideas and innovative approaches, preliminary results are not required in research grant applications.

The principal applicant must be located in one of the member countries. Current member countries include Australia, Austria, Belgium, Canada, Cyprus (EU part), the Czech Republic,

Denmark, Estonia, Finland, France, Germany, Greece, Hungary, the Republic of Ireland, Italy, Japan, the Republic of Korea, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, the United Kingdom, and the United States of America.

Co-Applicants can be located in any country as long as the teams fulfill the basic international requirements described in the guidelines. Applicants must also be affiliated with a research institute located in one of the eligible countries mentioned above (not necessarily the country of their citizenship).

Each team member is expected to have a doctoral degree or equivalent research experience. All team members should be within 5 years of obtaining an independent position and within 10 years of obtaining their Ph.D.

Young investigators under the age of 45 are particularly encouraged to apply as principal applicants.

For more information: <http://www.hfsp.org/>

Chretien International Research Grants

American Astronomical Society (AAS)

Deadline: April 1, 2007

The American Astronomical Society (AAS) administers the Chretien International Research Grants to further international collaborative projects in observational astronomy. Emphasis is on long-term visits and the development of close working relationships with astronomers in other countries. The AAS is a member of the American Institute of Physics (AIP).

For more information: <http://www.aas.org/grants/chretien.html>

2007 National Wildlife Refuge System Centennial Scholarship Program

The Walt Disney Company; U.S. Fish and Wildlife Service; and the National Fish and Wildlife Foundation

Deadline: April 13, 2007

On March 14, 1903 the National Wildlife Refuge System was created when President Theodore Roosevelt signed an Executive Order to establish Pelican Island as a bird reservation along the central Atlantic coast of Florida. In 2003, the National Wildlife Refuge System celebrated 100 years of conserving wildlife and habitat through refuges.

In honor of the Refuge Centennial, The Walt Disney Company, U.S. Fish and Wildlife Service and the National Fish and Wildlife Foundation are pleased to be supporting the 2007 National Wildlife Refuge System (NWRS) Centennial Scholarship Program. The NWRS Centennial Scholarship Program seeks to support students whose research will contribute toward improved

management and understanding of the diverse fish, wildlife and plant resources found on our National Wildlife Refuges.

Under this competitive scholarship program, a minimum of ten scholarships will be awarded to support students' research expenses, tuition, fees, books, and room and board. Undergraduate, Master's, and Juris Doctorate students are eligible to receive a one-time award of \$5,000; PhD and DVM students are eligible to receive a one-time award of \$15,000. Awards will be made based on merit and will take into consideration the value of the research towards improving management and understanding of fish, wildlife and plant resources on or related to National Wildlife Refuges as well as the student's academic achievements.

For more information: <http://www.nfwf.org/programs/centennial scholarship/index.cfm>

SOCIAL SCIENCES

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

Parenting Capacities and Health Outcomes in Youths and Adolescents (R21)

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

Deadline: February 16, 2007

This program announcement solicits research applications aimed at increasing the parenting skills and capacities of parents and caregivers to improve the health outcomes of their young and adolescent children. This is important because childhood, and particularly adolescence, is a time for the development of health habits that can last a lifetime. Moreover, adolescence is a transitional period during which experimentation and high-risk health behaviors may be displayed. The long-term consequences of health habits and behaviors often become manifest in young adulthood and adulthood. Against this backdrop, it is well documented that the probability of children and adolescents acquiring non-optimal health behaviors and developmental problems increases significantly when their adult caregivers exhibit ineffective parenting skills and practices. Thus, interventions to increase parenting skills and capacities and reduce high-risk behaviors should involve both parents and their children. Interventions targeting two or more risk factors that indicate ineffective parenting practices (e.g., lack of appropriate parental monitoring, supervision, and communication, high family conflict and disorganization, parental stress and depression, lack of parent-child bonding, and negative discipline methods) that simultaneously focus on multiple high-risk adolescent health behaviors (e.g., unhealthy dietary behaviors, inadequate physical activity, tobacco use, alcohol and other drug use, sexual behaviors, and unintentional [e.g., accidents] and intentional behaviors [e.g., firearm related injuries]), are fundamental to this initiative. Interventions that target the reduction of a broad range of family risk factors and simultaneously build upon protective factors are highly encouraged. Parents and similarly situated caregivers of children 10 to 18 years of age are the targets of this initiative.

Institutes and centers participating in this program are the National Institute of Nursing Research (NINR), National Institute of Child Health and Human Development (NICHD), National Heart,

Lung, and Blood Institute (NHLBI), National Institute on Alcohol, Alcoholism, and Alcohol Abuse (NIAAA), and National Institute on Drug Abuse (NIDA).

For more information: <http://grants2.nih.gov/grants/guide/pa-files/PA-06-530.html>

Broad Agency Announcement for Fundamental Research in Behavioral Science - Training, Leader Development and Soldier/Personnel Issues

United States Department of Defense (DOD); Department of the Army; U.S. Army Research Institute for the Behavioral and Social Sciences (ARI); Basic Research Office (BRO)

Deadline: March 31, 2007

The U.S. Army Research Institute for the Behavioral and Social Sciences (ARI), Basic Research Office (BRO), is soliciting proposals for its contract program of fundamental research in behavioral science. Under this particular announcement, proposals are sought in them areas of training, leader development and soldier/personnel issues.

The award amount is unspecified. Normally, research programs can range from one to three years. Proposals may include an option for further research that will be exercised by ARI if early results are promising. Short-term, small-scale efforts in high-risk/high-gain areas are also welcome.

For more information: <http://fedbizopps.cos.com/cgi-bin/eps/spg/USA/DSS-W/DASW01/DASW01-04-R-000101/listing.html?notice=PRESOL>

MULTIPLE DISCIPLINES

Wayne F. Placek Grants

American Psychological Foundation

Deadline: Small Grants: January 31, 2007

Large Grants: March 9, 2007

The Wayne F. Placek Grants were established in 1994 and are intended to encourage scientific research to increase the general public's understanding of homosexuality and to alleviate the stress that gay men and lesbians experience in this and future civilizations. The grants are made possible by a bequest from Wayne Placek a participant in Dr. Evelyn Hooker's groundbreaking research in the 1950s which showed that homosexuality is not a form of psychopathology. Since 1995, the Placek Fund has supported more than \$1 million in research funding.

There are two categories of grants available:

Large Grants offer up to \$50,000 in research support. The 2007 deadline for small grants is March 9, 2007.

Small Grants provide up to \$5,000 in research support and are intended to encourage small-scale scientific research. The 2007 deadline for small grants is January 31, 2007.

Program Goals: The grant programs support empirical research from all fields of the behavioral and social sciences. Proposed research may deal with any topics related to lesbian, gay, or bisexual issues. Proposals are especially encouraged for empirical studies that address the following topics:

- heterosexuals' attitudes and behaviors toward lesbians and gay men, including prejudice, discrimination, and violence;
- family and workplace issues relevant to lesbians and gay men; and
- subgroups of the lesbian and gay population that have historically been underrepresented in scientific research.

All applicants (including co-investigators) must have a doctoral degree at the time of application and must be affiliated with a college, university, or research institute that meets U.S. federal requirements for administering research awards.

For more information: <http://www.apa.org/apf/placek.html>

2007 Postdoctoral and Senior Research Associateship Programs

National Research Council of the National Academies

Deadline: February 1, 2007; May 1, 2007; August 1, 2007; November 1, 2007

The Resident Research Associateship Programs provide postdoctoral and senior scientists and engineers with opportunities to conduct research on projects, largely of their own choice, which are compatible with the research interests of the sponsoring laboratories, thereby contributing to the overall research efforts of the federal government. The program is conducted on behalf of 120 research laboratories throughout the United States representing nearly all U.S. government agencies with research facilities. The programs provide opportunities for Ph.D., Sc.D. or M.D. scientists and engineers of unusual promise and ability to perform research on problems largely of their own choosing, yet compatible with the research interests of the sponsoring laboratory. Initiated in 1954, the Associateship Programs have contributed to the career development of more than 11,000 scientists and engineering ranging from recent Ph.D. recipients to distinguished senior scientists.

Full-time Associateships will be awarded on a competitive basis in 2007 for research in the fields of chemistry, earth and atmospheric sciences, engineering, applied sciences and computer science, life and medical science, mathematics, space and planetary sciences, and physics.

For more information: <http://www7.nationalacademies.org/rap/>

Page and Johnson Legacy Scholars Grants

Pennsylvania State University- College of Communications, Arthur W. Page Center

Deadline: February 16, 2007

The Page Center will award grants to support scholars and professionals making important contributions to knowledge, practice or public understanding of ethics and responsibility in public communication or other principles of Arthur W. Page. The themes for this year's call for proposals are how company credos and codes of ethics affect corporate behavior; ethics in public communication; the role of public relations in fostering corporate responsibility; curriculum development in and pedagogical approaches to ethics in public relations; and other areas of Page's legacy, including political communication, public opinion formation and attitude change, history of public relations, and international broadcasting.

Proposals for studies or projects that have potential to directly impact or influence the practice of public relations are particularly welcome. Recipients of these grants will be designated either a Page Legacy Scholar or a Robert Wood Johnson Legacy Scholar. Page and Johnson Legacy Scholars may come from a variety of academic disciplines and professional fields, including scholars and researchers, either university-based, think-tank or independent; doctoral candidates, who will have completed their coursework and examinations and are at the dissertation-writing stage during the year of the award; and practitioners of public communication, such as corporate or non-profit public relations professionals, journalists, and editors.

Proposals from any perspective, paradigm or methodological orientation are welcome. Joint applications and collaborative projects are especially encouraged.

For more information: <http://www.comm.psu.edu/pagecenter/grants.htm>

Steven H. Sandell Grant Program for Junior Scholars in Retirement Research

Boston College- Center for Retirement Research

Deadline: February 28, 2007

The Center for Retirement Research at Boston College (CRR) is soliciting proposals for the Steven H. Sandell Grant Program for Junior Scholars in Retirement Research, which is funded by a grant from the Social Security Administration (SSA). The program promotes research on retirement issues, including (1) Social Security and retirement, (2) macroeconomic analyses of Social Security, (3) wealth and retirement income, (4) program interactions, (5) international research, and (6) demographic research. Within the six broad areas, three topics of particular interest include (1) the future role of Social Security, (2) assuring Social Security solvency, and (3) global aging.

The principal investigator must have a Ph.D. in a related discipline or a comparable professional certification. Grants are not intended to fund dissertation research. The principal investigator must be a nontenured junior scholar or a senior scholar working in a new area. Junior scholars from a wide variety of academic disciplines, including actuarial science, demography, economics, finance, gerontology, political science, public administration, public policy,

sociology, social work, and statistics are encouraged to submit a proposal, as are senior scholars working in a new area.

Six grants will be awarded in April; final projects must be completed within a year. Awardees are required to complete the research project outlined in their proposal and to present the results to the SSA in Washington, District of Columbia.

For more information: <http://www.bc.edu/centers/crr/sandellguidelines.shtml>

Christine Mirzayan Science and Technology Policy Graduate Fellowship Program

National Academies-National Research Council (NRC) - USA

Deadline: March 1, 2007; June 1, 2007

The Christine Mirzayan Science and Technology Policy Graduate Fellowship Program of the National Academies is designed to engage graduate science, engineering, medical, veterinary, business, and law students in the analysis that informs the creation of science and technology policy and to familiarize them with the interactions of science, technology, and government. As a result, students develop essential skills different from those attained in academia and make the transition from being a graduate student to a professional.

During the program, interns engage in studies and activities throughout the National Academies. Some examples of projects interns conducted include developing an outline of themes of leading research in remote sensing applications, a workshop on how scientists in developing countries can take better advantage of the new wireless communication networks to gain access to the Internet, a background paper on the current state of knowledge about the demography of street-children, and on what is known about the cost and effectiveness of existing programs to help street-children and orphans in the United States and abroad.

Applicants should currently be in a graduate program or within five years of receipt of their graduate or professional degree. Each intern is assigned to a senior staff member who acts as his or her mentor. The mentor provides guidance and ensures that the intern's time is focused on substantive work and activities.

For more information: <http://www7.nationalacademies.org/policyfellows/index.html>

Mathematical Sciences: Innovations at the Interface With the Sciences and Engineering (MSPA-MCS) - NSF 07-534

National Science Foundation (NSF)

Deadline: March 12, 2007

In FY 2007, the Division of Mathematical Sciences (DMS) of the Directorate for Mathematical and Physical Sciences and the Division of Computing and Communication Foundations (CCF) of the Directorate for Computer and Information Science plan to support projects of mutual interest

in specific areas. More precisely, NSF plans to support research and development teams focusing on mathematical and computational innovations relevant to the following areas of specific interest:

- statistical learning in nonlinear spaces, transductive learning; models inspired by statistical physics; game theoretic ideas as applied to learning theory.
- algorithms, techniques, and theories for the modeling, reduction, and visualization of large, real-time data sets.

As this joint funding will focus on areas of mutual interest, proposals must originate from teams involving collaborators of mathematical scientists and computer scientists. We seek proposals that offer new approaches and promise significant breakthroughs in these areas that aim to develop rigorous mathematical/statistical and computational foundations to advance our understanding in both the mathematical sciences and computer science. Thus, proposals for incremental improvements of ongoing efforts are not eligible for this competition. Furthermore, proposals that appear to be requests to augment existing resources for current projects are not eligible for this competition.

For more information: <http://www.nsf.gov/pubs/2007/nsf07534/nsf07534.htm>

Shared Instrumentation Grant Program (S10)

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

Deadline: March 21, 2007

The purpose of this funding opportunity is to continue the competitive National Center for Research Resources (NCRR) Shared Instrumentation Grant (SIG) Program initiated in Fiscal Year 1982. Results of the most recent study, "The National Survey of Academic Research Instruments and Instrumentation," published in 1997 identified bioanalytical equipment of the type provided through this Program as the top most priority. The objective of the program is to make available to institutions expensive research instruments that can only be justified on a shared-use basis and for which meritorious research projects are described. The SIG Program provides a cost-effective mechanism for groups of NIH-supported investigators to obtain commercially-available, technologically sophisticated equipment costing more than \$100,000.

This program is designed to provide for the acquisition or updating of expensive shared-use instrumentation not generally available through other NIH mechanisms, such as the regular research project, program project, or center grant programs. Proposals for research on advancing the design or for the development of new instrumentation will not be considered.

Types of instrumentation supported include, but are not limited to, nuclear magnetic resonance systems, electron and confocal microscopes, mass spectrometers, protein and DNA sequencers, biosensors, x-ray diffractometers and cell sorters. Support will not be provided for general purpose equipment or purely instructional equipment, personal computers, personal workstations, printers, and Ethernet interfaces. Proposals for "stand alone" computer systems

will only be considered if the instrument is solely dedicated to the research needs of a broad community of NIH-supported investigators.

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 more information: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=11774>