

Funding Opportunities Bulletin

January 2009

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.

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BUSINESS

See also opportunities listed under MULTIPLE DISCIPLINES

FINRA Investor Education Foundation Grant Program

FINRA Investor Education Foundation

Deadline: February 4, 2009; May 6, 2009

Through its grant program, the FINRA Investor Education Foundation funds research and educational projects that support its mission of providing underserved Americans with the knowledge, skills, and tools necessary for financial success throughout life. In 2008, the foundation is especially interested in applications that focus on the following areas:

1. New marketing and distribution channels for financial and investor education
2. Helping Americans manage their finances and investments in retirement
3. Meeting the financial and investor education needs of underserved audiences
4. Using behavioral finance to improve saving and investing

The FINRA Foundation places a high priority on reaching and engaging a well-defined target audience, and encourages collaboration and partnerships that facilitate effective marketing and distribution efforts. Successful education projects will have measurable impact and reach large audiences in a cost-effective manner. Preference will be given to projects that can be replicated and sustained beyond the term of grant funding. For research projects, the foundation is especially interested in work that has practical applications in the financial and investor education field.

For further information: <http://www.finrafoundation.org/grants.asp>

Service Enterprise Systems (SES)

National Science Foundation (NSF)-Directorate for Engineering (ENG)-Civil, Mechanical and Manufacturing Innovation (CMMI) Division

Deadline: February 15, 2009; October 1, 2009

The SES program supports research on strategic decision making, design, planning and operation of commercial, nonprofit, and institutional service enterprises with the goal of improving their overall effectiveness and cost reduction. The program has a particular focus on health care and other similar public service institutions, and emphasizes research topics leading to more effective systems modeling and analysis as a means to improved planning, resource allocation, and policy development.

For further information: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13343

Les B. Strickler Innovation in Instruction Award

American Risk and Insurance Association (ARIA)

Deadline: February 28, 2009

The American Risk and Insurance Association (ARIA) will present the Les B. Strickler Innovation in Instruction Award for a proposal detailing innovative ideas that the winner has developed and used in risk management and insurance instruction. Proposals may include any effective, creative approach used in teaching risk management and insurance. For example, creative ideas might include new course offerings, alternative methods of evaluation, experiential projects outside the classroom, lecture-based innovation, and development of case materials, class projects, or other unique teaching materials. Projects should not be limited to technological advances or computer applications. The criteria for selection of award winners will be content, transferability of the approach to other institutions, documented potential for improving the quality of risk and insurance education, and a special emphasis on creativity.

For further information: <http://www.aria.org/awards/strickleraward.htm>

The Daniel B. Goldberg Scholarship and Frank L. Greathouse Government Accounting Scholarship

Government Finance Officers Association's

Deadline: March 6, 2009

The Daniel B. Goldberg Scholarship of \$10,000 is available for award to a graduate student who is enrolled in full-time master's study preparing for a career in state and local government finance. The winner of the scholarship is invited to attend the Government Finance Officers Association's annual conference, where the award is presented. This scholarship is funded by the Girard Miller Foundation.

The Frank L. Greathouse Government Accounting Scholarship of \$5,000 is available for award to one or more undergraduate or graduate students enrolled in full-time study preparing for a

career in state and local government finance. The winner of the scholarship is invited to attend the Government Finance Officers Association's annual conference, where the award is presented.

For further information:

http://www.gfoa.org/index.php?option=com_content&task=view&id=96&Itemid=107

Steve Berlin/CITGO Grant

American Accounting Association (AAA)

Deadline: March 10, 2009

The purpose of the American Accounting Association's (AAA's) Steve Berlin/CITGO Grant program is to foster academics' understanding of the contemporary external reporting and governance challenges faced by preparers. Such understanding might be fostered by academics conducting field research, field studies, working in the field, or other such activities. Topic examples include, but are not limited to,

- the application of judgment and expertise in arriving at estimates reported in financial statements,
- the role of accounting in governance,
- preparation of an informative Management's Discussion and Analysis in compliance with SEC guidelines,
- enhancing the credibility and information value of voluntary disclosures, and
- strategic uses of financial reporting to reduce information asymmetries.

The criteria for judging are the relevance and timeliness of the topic, the likelihood of successful completion of the work in a timely and competent manner, and the likelihood of the work having an effect on others' understanding of the issue studied.

For further information: <http://aaahq.org/awards/BerlinCitgo.htm>

Visiting Research Fellowship

American Institute for Economic Research (AIER)

Deadline: March 20, 2009

The American Institute for Economic Research (AIER) invites professors and other qualified individuals to submit applications to spend all or part of the summer as Visiting Research Fellows at the American Institute for Economic Research in the scenic Berkshire Hills of western Massachusetts. Applications are welcome from professionals in the economics field or in related disciplines.

The field of research is open; however, AIER especially welcomes applications for research in

- money, banking, and credit;
- public and personal finance;
- economic and monetary history;
- the role of government in society;

- the methodology of economics; and
- the role of individual freedom, private property, and free enterprise in economic progress.

Fellows are expected to present their research findings to AIER's research staff, other Visiting Research Fellows, and Student Fellows. Fellows are also expected to communicate their research findings to a general readership in either AIER's twice-monthly Research Reports or monthly *Economic Education Bulletin*.

Founded in 1933, AIER is a private, nonprofit organization dedicated to scientific inquiry into economic problems and to the education of the general public through wide dissemination of its research results. Since its founding, AIER has focused on the economic benefits of free markets, disciplined fiscal and monetary policies, limited government, and currencies freely convertible to gold

For further information: <http://www.aier.org/education/research-fellowship>

EDUCATION

See also opportunities listed under MULTIPLE DISCIPLINES

Grant Competition to Prevent High-Risk Drinking or Violent Behavior among College Students CFDA #84.184H

United States Department of Education; Office of Safe and Drug-Free Schools

Deadline: January 30, 2009

This competition supports the establishment of safe, disciplined, and drug-free educational environments. Funds may be used for the development or enhancement, implementation, and evaluation of campus- and/or community-based prevention and early intervention efforts.

For further information: <http://www.ed.gov/programs/dvphighrisk/2009-184h.pdf>

Postdoctoral Fellowship Award Program

Educational Testing Service (ETS)

Deadline: February 1, 2009

Fellows will be selected to conduct independent research one of the following areas:

1. Psychology
2. Education
3. Teaching
4. Learning
5. Learning sciences
6. Statistics
7. Computer science
8. Educational technology
9. Minority issues

10. Testing issues, including alternate forms of assessment for special populations
11. Cognitive science
12. Natural language processing
13. Literacy

The goals of the program are to provide research opportunities to individuals who hold a doctorate in the fields indicated above, and to increase the number of women and minority professionals conducting research in educational measurement and related fields.

For further information:

<http://www.ets.org/portal/site/ets/menuitem.1488512ecfd5b8849a77b13bc3921509/?vgnextoid=a7d6d635e06ed010VgnVCM10000022f95190RCRD&vgnnextchannel=0d03d635e06ed010VgnVCM10000022f95190RCRD>

Unsolicited Grant Opportunities

United States Department of Education (ED); Institute of Education Sciences (IES)

Deadline: February 27, 2009

The Institute of Education Sciences (IES) announces its interest in considering unsolicited applications for research, evaluation, statistics, and dissemination projects that would make significant contributions to the mission of the institute. The institute's mission is to conduct and support rigorous education statistics, research, and evaluation in order to provide reliable information about the condition of education, education practices that improve academic achievement, and the effectiveness of federal and other education programs.

Unsolicited applications are defined as those that are not eligible for funding under the institute's current grant competitions. Among the kinds of unsolicited projects the institute could consider are proposals to conduct innovative research in areas that fall outside the institute's current research priorities (the current research priorities are covered by the institute's regular grant competitions, and are described on the IES website). The institute could also consider proposals that focus on building the capacity of investigators to conduct rigorous research, or of policy-makers to utilize research evidence in decision-making.

In contrast, the institute could not consider an unsolicited application to conduct research on the effectiveness of a mentoring program for teachers because this content was solicited in the institute's competitions for Teacher Quality Research Grants. Potential applicants should be aware that the institute does not provide funds to support program delivery or the provision of services.

For further information: <http://ies.ed.gov/funding/unsolicited.asp>

International Educators for Africa Program (IEFA)

International Foundation for Education and Self Help (IFESH)

Deadline: February 28, 2009

The program places accredited teaching professionals, administrators, and college professors in sub-Saharan African countries to help improve the educational systems of selected nations. Between 1998 and 2004, roughly 65,000 teachers and students have been the direct beneficiaries of both the IEFA and IFP programs. The teachers participating in this program are placed in formal and informal educational settings to

- teach classes,
- assist in developing improved methods of school curriculum through teacher training and observation,
- strengthen administration and management capabilities in educational settings in African nations, and
- provide innovative methods and pedagogical techniques for instruction in classroom settings.

The teachers work in collaboration with their African counterparts in making the subject matter relevant to the local environment. They help identify improved educational materials for schools through resource mobilization and community functions, and have a considerable impact on public policy at the national level.

For further information: http://www.ifesh.org/content.php?section=programs&info_id=147

Live, Learn, and Thrive Program

Procter & Gamble Company

Deadline: February 28, 2009

P&G is focusing its support on its global corporate program, Live, Learn, and Thrive. The program comes to life through initiatives in communities around the world reaching children in need, prenatal to 13 years of age. P&G wants to help children live by ensuring a healthy start; to provide them with places, tools, and programs that enhance their ability to learn; and to help them develop skills for life so they can thrive. Improving the quality of life for children in need is a powerful and tangible way to bring P&G's purpose to life.

Because resources are limited, P&G cannot help fund every worthy endeavor. Each request is carefully evaluated according to the Live, Learn, and Thrive focus and the priorities in the communities in which P&G operates around the world.

For further information:

http://www.pg.com/company/our_commitment/grant_application_guidelines.jhtml

ENGINEERING & COMPUTER SCIENCE

See also opportunities listed under MULTIPLE DISCIPLINES

NRC-NRL Cooperative Research Associateship Program

United States Department of Defense (DOD); Department of the Navy; Naval Research Laboratory (NRL); General Laboratory Scientific Interchange Programs (GLSIP)

Deadline: February 1, 2009; May 1, 2009; August 1, 2009

This program provides postdoctoral scientists and engineers the opportunity to pursue research on problems, largely of their own choice, that are compatible with the interests of the sponsoring laboratories, and to contribute to the overall effort of the Naval Research Laboratory (NRL). For recent doctoral graduates, this program provides an opportunity for concentrated research in association with selected members of the permanent NRL staff, often as a climax to formal career preparation.

For further information: <http://hroffice.nrl.navy.mil/jobs/postdoc.htm>

Strategic Technology Office (STO) Broad Agency Announcement (BAA)

United States Department of Defense (DOD); Defense Advanced Research Projects Agency (DARPA)

Deadline: February 12, 2009

The Defense Advanced Research Projects Agency's (DARPA) Strategic Technology Office (STO) is soliciting proposals under this announcement for the performance of research, development, design, and testing that directly supports STO. This includes space and near-space sensors and systems, strategic and tactical networks, information assurance, counter underground facilities, weapons of mass destruction defense, small unit operations, maritime operations, and core strategic technologies. The criteria to be used to evaluate and select offers under this broad agency announcement are the following, in order of descending importance:

1. Overall scientific and technical merit
2. Offerer's capabilities or related experience
3. Potential contribution and relevance to the DARPA mission
4. Plans and capability to accomplish technology transition
5. Cost reasonableness and realism

Each proposal will be evaluated on its own merit and relevance rather than against other proposals in the same general area, since no common work statement exists. Proposals may be evaluated as they are received, or they may be collected and periodically reviewed

For further information: <http://www.darpa.mil/sto/solicitations/BAA08-10/index.html>

Materials Processing and Manufacturing (MPM)

National Science Foundation (NSF); Directorate for Engineering (ENG); Civil, Mechanical and Manufacturing Innovation (CMMI) Division

Deadline: February 15, 2009; October 1, 2009

The MPM program supports fundamental research on the interrelationship of materials processing, structure, performance, and process control. Analytical, experimental, and numerical studies are supported covering processing methods such as molding, forging, casting, welding, hydroforming, composite layup, and other materials processing approaches. Emphasis is placed on environmentally benign manufacturing and virtual manufacturing. Research leading to the development of novel processes and novel hybrid processing techniques to achieve net shape products and complex multi-scale, multifunctional products with superior quality and performance is also supported.

For further information: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13344

Environmental Implications of Emerging Technologies

National Science Foundation (NSF), Directorate for Engineering (ENG)

Deadline: March 1, 2009

This program provides support to develop and test the environmental effects of new technologies. Fundamental and basic research is sought to establish and understand outcomes as a result of the implementation of new technologies such as nanotechnology, biotechnology, and information technology. The program also supports research on the development and refinement of sensors and sensor network technologies that can be used to measure a wide variety of physical, chemical, and biological properties of interest in characterizing, monitoring, and understanding environmental impacts. The program emphasizes engineering principles underlying technology impacts. Innovative production processes, waste reduction, recycling, and industrial ecology technologies are of interest. All of these have implications that would be relevant to this program.

Current areas of support include

- understanding and mitigating how new developments in nanotechnology, biotechnology, and information technology will interact with the environment;
- nanotechnology environmental, health, and safety implications and applications;
- predictive methodology for the interaction of nanoparticles with the environment and with the human body, including predictive approaches for toxicity;
- fate and transport of natural, engineered, and incidental (by-product) nanoparticles;
- risk assessment and management of the effect of nanomaterials in the environment;
- evaluation of the effect of increased usage of renewable resources on water supply and land use; and
- sensor and sensor network technologies as they relate to the measurement of these environmental implications.

Current areas of support for this program do not include biomedical and nanotoxicology topics involving clinical trials.

For further information: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501030

Innovations Deserving Exploratory Analysis (IDEA) Programs

National Academies-Transportation Research Board (TRB)

Deadline: March 1, 2009

Innovations Deserving Exploratory Analysis (IDEA) programs fund research into promising but unproven innovations for highways, transportation safety, and transit. There are two project types: Type 1 projects are concept explorations that demonstrate the validity of unproven concepts, and Type 2 projects develop and test prototypes of proven concepts.

NCHRP Highway IDEA projects foster innovative concepts for highway design and construction, materials, operations, maintenance, and other areas of highway systems.

Transit IDEA projects are selected for their potential to enhance security, increase ridership, and improve efficiency for transit agencies.

Safety IDEA projects promote innovative approaches to reducing fatalities and injuries by improving motor carrier safety and railroad safety.

For further information: <http://www.trb.org/Studies/Programs/IDEA.asp>

Environmental Sustainability

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

Deadline: March 1, 2009; September 15, 2009

The Environmental Sustainability program supports engineering research with the goal of promoting sustainable engineered systems that support human well-being and that are also 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. 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. The Environmental Sustainability program supports four general research areas:

1. Industrial Ecology
2. Green Engineering
3. Ecological Engineering

4. Earth Systems Engineering

All proposed research should be driven by engineering principles, and be presented explicitly in an environmental sustainability context. Proposals should include involvement in engineering research of at least one graduate student, as well as undergraduates. Proposals emphasizing enhancement of American competitiveness are encouraged. Incorporation of aspects of social, behavioral, and economic sciences is welcomed.

For further information: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501027

FINE ARTS

NEA/TCG Career Development Program for Designers

Theatre Communications Group (TCG)

Deadline: January 23, 2009

The National Endowment for the Arts (NEA)/Theatre Communications Group (TCG) Career Development Program for Designers provides support to designers who are exceptionally talented and see a career in America's not-for-profit professional theatre. Early-career scenic, costume, lighting, and sound designers benefit from the opportunity to spend six months within a two-year period developing their creative skills and expanding their knowledge of the field. An independent, national selection panel composed of theatre professionals chooses the recipients.

Program activities will include

- travel and research, advanced study such as design workshops and master classes; cross disciplinary forays such as language study or work with a dramaturg or director;
- observing companies or artists of distinction, including various day-to-day activities such as rehearsals, pre-production planning, etc.;
- prolonged residencies, often working as an assistant; and
- developing a new piece with a designated mentor (in the final months of the program).

For further information: http://www.tcg.org/grants/cdpdesign/cdp_des_index.cfm

Sundance Documentary Fund URL

Sundance Institute

Deadline: February 5, 2009

The Sundance Documentary Fund makes grants in support of U.S. and international documentary films focused on current issues and movements in contemporary human rights, freedom of expression, social justice, and civil liberties. In supporting significant, compelling stories, the Documentary Fund aims to raise public consciousness about human rights abuses and restrictions of civil liberties, inspire lively, ongoing debate, and promote the diverse exchange of ideas crucial to developing an open society. Two distinct project categories will be considered for funding:

1. Development Funds
2. Production or Post-production Funds

For further information:

http://www2.sundance.org/press_subgen.html?articleID=4&colorCode=green

Swann Foundation Fellowship

Library of Congress; Prints and Photographs Division; Swann Foundation for Caricature and Cartoon

Deadline: February 13, 2009

The Swann Foundation awards one fellowship annually to assist ongoing scholarly research and writing projects in the field of caricature and cartoon. Although research must be in the field of caricature and cartoon, there is no limitation regarding the place or time period covered. Since the fund encourages research in a variety of academic disciplines, there is no restriction upon the university department in which this work is being done, provided the subject pertains to caricature or cartoon art.

For further information: <http://www.loc.gov/rr/print/swann/swann-fellow.html>

Eugene K. Wolf Travel Fund for European Research

American Musicological Society (AMS), Travel Grants

Deadline: March 3, 2009

The American Musicological Society (AMS) offers travel grants from the Eugene K. Wolf Travel Fund for European Research to encourage and assist Ph.D. candidates in all fields of musical scholarship to travel to Europe to carry out the necessary work for their dissertation on a topic in European music.

For further information: <http://www.ams-net.org/awards/wolf.php>

Operational Support for Arts and Cultural Organizations

Kansas Arts Commission (KAC)

Deadline March 5, 2009

The Kansas Arts Commission supports the ongoing operations of arts and cultural organizations through operational support grants. The commission offers financial assistance to nonprofit arts and cultural organizations with at least a three-year history of incorporation or operation as an independent entity. These grants are not project based, but instead are aimed at supporting the daily work of arts and cultural nonprofits and agencies. This includes supporting personnel, supplies, materials, and equipment the organization may need to function efficiently. Each organization determines how the funds are spent.

The following are objectives of the operational support program:

1. To strengthen the administrative and programming capabilities of arts and cultural organizations
2. To enable arts and cultural organizations to provide high quality, accessible arts activities, programs, and services to their constituencies
3. To support arts and cultural organizations in the planning and development of long-term goals, guiding the evolution of their arts programs and services, and enabling them to meet the changing or expanding needs of their constituencies
4. To augment local support for arts organizations

For further information: http://arts.state.ks.us/grants/operational_support.shtml

HUMANITIES

See also opportunities listed under MULTIPLE DISCIPLINES

AAS-National Endowment for the Humanities (NEH) Fellowships

American Antiquarian Society (AAS); Long-Term Visiting Academic Research Fellowships

Deadline: January 15, 2009

The fellowships support a period of residence for persons who have completed their formal professional training to use the society's library's resources for research and writing. Fellows are expected to be in regular and continuous residence at the society. They must devote full time to their study and may not accept teaching assignments or undertake any other major activities during the tenure of their award. Preference will be given to individuals who have not held long-term fellowships during the three years preceding the period for which the application is being made. Mid-career scholars are encouraged to apply.

For more information: <http://www.americanantiquarian.org/nehfellowship.htm>

Samuel Flagg Bemis Research Grants

Society for Historians of American Foreign Relations (SHAFR)

Deadline: February 1, 2009

The grants are intended to promote research by doctoral candidates, by untenured faculty members, and by those within six years of the Ph.D. and working as professional historians. A limited number of grants of varying amounts will be awarded annually to help defray the costs of domestic or international travel necessary to conduct research on significant scholarly projects. Applicants must be actively working on dissertations or postdoctoral research projects dealing with some aspect of U.S. foreign relations history.

For further information: <http://www.shafr.org/prizes.htm#travel>

National Leadership Grants for Libraries

Institute of Museum and Library Services (IMLS); Library Grants

Deadline: February 1, 2009

National Leadership Grants (NLG) involve grants, contracts, and cooperative agreements to enhance the quality of library services nationwide and to provide coordination between museums and libraries. Activities may be funded in the following three categories:

1) Advancing Learning Communities supports the development of learning networks and services for people of all ages. Projects will support learning throughout the lifetime, whether that learning takes place in communities, in schools, or in the workplace. IMLS will support programs based on current research in cognitive science; learning and literacy partnerships among early, adult, and community learning providers; development of innovative learning technologies using library (and museum) content; and exploration of new ways to integrate digital and physical services and programs.

2) Building Digital Resources supports the creation, use, and preservation of significant digital resources as well as the development of management tools. IMLS will support projects that preserve and enhance access to valuable library resources; support the development of tools to help libraries (and other collection holders) manage and share digital assets; address the challenges of preserving and archiving digital media; and enhance interoperability, integration, and seamless access to digital assets, particularly projects that are of statewide, regional, thematic, or national scope.

3) Research and Demonstration supports basic and applied research and demonstration projects to test potential solutions to problems in a real-world environment. IMLS will support research to enhance libraries' understanding of learning within and across different age groups; improve the effectiveness of library and museum services and their impacts on users; fulfill users' needs and expectations; address knowledge integration, digital preservation, or the integration of physical and digital experiences; and develop new methodologies, standards, or practices.

For further information: <http://www.ims.gov/applicants/grants/nationalLeadership.shtm>

Fellowship

United States Capitol Historical Society

Deadline: March 15, 2009

Fellowship support permits scholars - selected on the basis of their qualifications and research proposals - to use the extensive documents housed in the Office of the Architect of the Capitol, the Library of Congress and the National Archives. The proposed topic must directly relate to some elements of art or architecture within the United States Capitol complex: the Capitol, the congressional office buildings, the Library of Congress buildings, the Supreme Court buildings, and the Botanic Garden. It may include studies of individual artists, architects, or other historical figures and forces. The research must involve the resources of the Architect of the Capitol, including the architectural drawings, manuscripts, and reference collections, or material on the

Capitol in the Library of Congress, National Archives, or other specific collections identified in the applicant's proposal.

The fellowship is funded by the United States Capitol Historical Society and jointly administered by the Architect of the Capitol.

For further information: http://www.uschs.org/72/Fellowship_and_Internships.htm

INTERNATIONAL AREA STUDIES

See also opportunities listed under HUMANITIES and MULTIPLE DISCIPLINES

Korean Studies Scholarship Program (Korea Foundation Fellowship for Graduate Students)

The Association for Asian Studies

Deadline: January 31, 2009

This program is designed to promote Korean studies and foster young scholars in this field by providing graduate students majoring in Korean studies in North America with scholarships for their coursework and/or research while enrolled at their home institutions.

For further information: <http://www.aasianst.org/grants/main.htm#AAS/KOREA>

Fellowships for Intensive Turkish Language Study in Istanbul, Turkey

American Research Institute in Turkey (ARIT)

Deadline: February 1, 2009

For summer 2009, the American Research Institute in Turkey will offer full travel and fellowships for up to 15 advanced students for participation in the summer program in intensive advanced Turkish language at Bogaziçi University in Istanbul. This intensive program offers the equivalent of one full academic year of study in Turkish at the college level.

The fellowships cover round-trip airfare to Istanbul, application and tuition fees, and a maintenance stipend. Full-time students and scholars affiliated at academic institutions are eligible to apply.

ARIT fellowship supported courses are offered at the advanced level. Class size is limited to ten students. Each class meets twenty hours per week. Classes are held on weekdays from 9 am to 1 pm. They are conducted in Turkish, with informal and formal styles introduced and reviewed through instruction, language laboratory work, and open conversations with teaching assistants. In the afternoon, students meet with teaching assistants on an informal basis for additional instruction and free conversation. Participants also attend extracurricular activities including films, lectures, and cultural events both on- and off-campus.

For further information: <http://ccat.sas.upenn.edu/ARIT/ARISummerLanguageProgram.htm>

David L. Boren Undergraduate Scholarships

Institute of International Education (IIE); Institute of International Education (IIE) - United States; National Security Education Program (NSEP)

Deadline: February 11, 2009

The National Security Education Program (NSEP) David L. Boren Undergraduate Scholarships offer a unique opportunity for U.S. undergraduates to study abroad. NSEP awards scholarships to American students for study of world regions critical to U.S. interests (including Africa, Asia, Central and Eastern Europe, Eurasia, Latin America and the Caribbean, and the Middle East). NSEP focuses on geographic areas, languages, and fields of study deemed critical to U.S. national security. It draws on a broad definition of national security applied by the President in his annual National Security Strategy, recognizing that the scope of national security has expanded to include not only the traditional concerns of protecting and promoting American well-being, but also the challenges of global society, including: sustainable development, environmental degradation, global disease and hunger, population growth and migration, and economic competitiveness.

For further information: http://www.borenawards.org/boren_scholarship

DAAD-AICGS Research Fellowship

German Academic Exchange Service / Deutscher Akademischer Austausch Dienst (DAAD); Grants for German Studies

Deadline: February 28, 2009

The fellowship program is designed to bring scholars and specialists working on Germany, Europe, or transatlantic relations to the AICGS, which is located in Washington, DC, for stays of two months each.

For further information: <http://www.daad.org/?p=aicgsresearch>

MEDICINE & LIFE SCIENCES

See also opportunities listed under MULTIPLE DISCIPLINES

Fiscal Year 2009 Ovarian Cancer Research Program

Department of Defense (DOD) Congressionally Directed Medical Research Programs

Deadline: Pre-application: January 13, 2009 (5:00 p.m. Eastern Time)

Proposal: January 27, 2009 (11:59 p.m. Eastern time)

The OCRP Consortium Development Award mechanism was first offered in FY08, and two awards were recommended for funding.

The OCRP seeks to promote a major multi-institutional research effort conducted by leading ovarian cancer researchers that specifically focuses on identifying and characterizing early

changes of disease associated with ovarian cancer. This effort will be executed through two separate award mechanisms, the Consortium Development Award in FY08 and FY09, and the Consortium Award in FY10.

Proposals for the first award, the Consortium Development Award, are being requested in this program announcement. The Consortium Development Award is an infrastructure development mechanism which provides support to create a Coordinating Center and establish the necessary collaborations at potential Research Sites for the development of a multi-institutional ovarian cancer research team. Participants in this consortium should be scientists and/or clinicians who have made significant contributions to the field of ovarian cancer or who have specific expertise related to the early changes associated with ovarian cancer progression. Infrastructure development includes (but is not limited to): building appropriate collaborations, outlining an administrative management plan, developing a research and communication plan, and devising an intellectual property plan. The FY09 Consortium Development Award does not provide funding for research costs. However, recipients of both the FY09 and FY08 OCRP Consortium Development Award are expected to submit proposals to compete for the Consortium Award which will be offered in FY10 to support the research efforts. The OCRP expects to fund two FY09 Consortium Development awards, depending on the number and the quality of proposals received. If this goal is met, the OCRP expects only the two FY09 and two FY08 Consortium Development award recipients will compete for the FY10 Consortium Award. If this goal is not met, the OCRP then reserves the right to open the FY10 Consortium Award to all applicants meeting the eligibility requirements.

The consortium must include a Coordinating Center and multiple Research Sites. The Coordinating Center, in addition to functioning as a Research Site, will serve as the consortium's information and planning nexus, providing administrative, operational, and data management support services to participant Research Sites. The Coordinating Center should have extensive experience in developing and conducting multi-institutional research projects. Responsibilities of the Coordinating Center will include protocol coordination, regulatory coordination, study management and monitoring, data collection, management and statistics, intellectual/material property coordination, and a plan for assessment of individual Research Site performance. All Research Sites will be responsible for working collaboratively. The Consortium Director, i.e., the Principal Investigator on the proposal, must have a proven track record of leadership and scientific ability to direct and oversee the overall research effort.

For further information: <http://cdmrp.army.mil/funding/pdf/09ocrpreftable.pdf>

AHRQ Independent Scientist Award (K02)

Department of Health and Human Services (HHS); Agency for Healthcare Research and Quality (AHRQ)

Deadline: February 12, 2009; June 12, 2009; October 12, 2009

AHRQ announces its continued interest in supporting the Independent Scientist Award (K02) in health services research. The K02 provides support for a sustained period of protected time for relatively new independent scientists who can demonstrate the need for a period of intensive

research focus as a means of enhancing their research careers. It is intended to foster the development of outstanding scientists and enable them to expand their potential to make significant contributions to their specific field of health services research. The expectation is that through this sustained period of research career development, awardees will more firmly establish their independent research careers and become more competitive for new Federal and non-Federal research project funding.

For further information: <http://grants1.nih.gov/grants/guide/pa-files/PA-07-444.html>

New Investigator Research Grants

Leukemia Research Foundation, Inc.

Deadline: February 13, 2009

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 further information: <http://www.leukemia-research.org/NETCOMMUNITY/Page.aspx?pid=215&srcid=183>

2009 Gina M. Finzi Memorial Student Summer Fellowship Grant Opportunities

Lupus Foundation of America, Inc

Deadline: February 16, 2009

The Lupus Foundation of America, Inc. (LFA) is pleased to announce that Gina Finzi Memorial Student Summer Fellowships will be available for the summer of 2009. The purpose of these awards is to foster an interest among young researchers in systemic lupus erythematosus (SLE) through support of lupus research under the supervision of an established investigator. Undergraduate, graduate and medical students are eligible to apply, however, preference is given to students with a college degree.

As we reach the unfortunate milestone of 50 years without a new, FDA-approved drug to treat lupus, the LFA remains committed to the effort of advancing the science and medicine of lupus and to Bring Down the Barriers that have obstructed the forward progress of basic, biomedical, clinical, epidemiological, behavioral, and translational research for decades. The Lupus Foundation of America, Inc. (LFA) is the nation's foremost national nonprofit voluntary health organization dedicated to finding the causes of and cure for lupus and providing support and services to all people affected by the disease. The LFA manages comprehensive programs of lupus research, education, patient services, and advocacy through a national network of nearly 300 chapters, affiliates, and support groups.

It is the Foundation's hope that this investment in research will produce new information which may directly lead to much larger projects and increased funding from other sources, particularly the National Institutes of Health.

For further information: <http://www.lupus.org/finzifellowships>.

Research and Product Development Summer Intern Program for Doctoral Candidates
Procter & Gamble Company; Doctoral Internships
Deadline: March 1, 2009

Procter & Gamble has summer intern openings for students pursuing Ph.D.s and regulatory and clinical personnel, including future M.D.s, D.V.M.s, D.D.S.s, and PharmD.s, in

- chemistry;
- most areas of life sciences;
- chemical engineering;
- statistics; and
- toxicology. Procter & Gamble is looking for outstanding candidates to participate in these programs that provide a challenging and educational experience.

For further information: http://www.pg.com/science/summer_intrn.jhtml

PHYSICAL SCIENCES & MATHEMATICS

See also opportunities listed under MULTIPLE DISCIPLINES

Graduate Student Researchers Program (GSRP) - ESMD
National Aeronautics and Space Administration (NASA); Exploration Systems Mission Directorate (ESMD)
Deadline: February 1, 2009

The NASA Graduate Student Researchers Program (GSRP) awards fellowships for graduate study leading to masters or doctoral degrees in the fields of science, mathematics, and engineering related to NASA research and development. This twelve month award includes a required internship at the NASA Center affiliated with the NASA sponsored research.

The Exploration Systems Mission Directorate (ESMD) is a new organization within NASA dedicated to creating a constellation of new capabilities, supporting technologies, and foundational research that enables sustained and affordable human and robotic exploration. It results from integrating the responsibility of the previous Office of Exploration Systems and the Office of Biological and Physical Research, including research and development efforts focused on crew health and life-support systems, countermeasures, and radiation protection. The ESMD will address strategic technical challenges and minimize the health and safety risks for the crew of any space vehicle.

For further information: <http://fellowships.hq.nasa.gov/gsrp/nav/>

CEDAR, GEM, and SHINE Postdoctoral Research - NSF 06-584

National Science Foundation (NSF); Directorate for Geosciences (GEO); Division of Atmospheric Sciences (ATM)

Deadline: February 2, 2009

The Coupling, Energetics, and Dynamics of Atmospheric Regions (CEDAR) program, the Geospace Environment Modeling (GEM) program, and the Solar, Heliosphere, and INterplanetary Environment (SHINE) program are special programs within the Aeronomy, Magnetospheric Physics, and Solar-Terrestrial Research programs in the Division of Atmospheric Sciences of the Directorate for Geosciences. These three programs each involve specific regions of the space environment and the way these regions interact. Each of the programs has its own program solicitation, but they also have a common commitment to support researchers who have recently received their Ph.D. degree, allowing them to request limited support for CEDAR/GEM/SHINE research activities of their own devising.

For further information: <http://www.nsf.gov/pubs/2006/nsf06584/nsf06584.htm>

National Network for Environmental Management Studies (NNEMS) Fellowship Program

United States Environmental Protection Agency (EPA)

Deadline: February 2, 2009

The United States Environmental Protection Agency (EPA) established the National Network for Environmental Management Studies (NNEMS) Fellowship Program in 1986 to foster a growing interest among higher education students in environmental careers. The NNEMS program is a comprehensive fellowship program that provides students an opportunity to participate in a fellowship project that is directly related to their field of study. The NNEMS program is sponsored by the Environmental Education Division (EED) in the EPA Office of Children's Health Protection and Environmental Education (OCHPEE).

The purpose of the NNEMS program is to

- provide students with practical research opportunities and experiences in EPA's program and regional offices and in its laboratories;
- increase public awareness of and involvement in environmental issues;
- encourage qualified individuals to pursue environmental careers; and
- help defray the costs associated with the pursuit of academic programs related to the field of environmental protection, such as pollution control, science, engineering, technology, social science, and specialty areas.

Students selected for NNEMS fellowships are offered a unique opportunity to gain research and training experience directly linked to their undergraduate or graduate studies. NNEMS fellows conduct research projects to augment their academic studies, which EPA supports with financial assistance. Under the NNEMS program, a range of fellowship activities are offered to help students increase their knowledge of environmental issues while refining their professional skills.

Each year, the NNEMS program offers approximately 20 to 30 fellowships, developed and sponsored by EPA Headquarters in Washington, D.C., and in EPA's 10 regional offices and laboratories throughout the United States. The projects are specifically narrow in scope, allowing students to complete the fellowship while working full-time at EPA during the summer or part-time during the school year. Typically, the research is conducted at an EPA office or laboratory, although other arrangements can be made in certain circumstances.

The fellowships are organized among the following five categories:

1. Environmental Policy, Regulation, and Law - fellowships offered in this category provide students an opportunity to review and evaluate existing policies and regulations, as well as conduct research related to the development of new policies; the projects may include a component that focuses on environmental compliance
2. Environmental Management and Administration - the topics of fellowships in this category focus on environmental management goals
3. Environmental Science - fellowships in this category typically include direct participation in field studies and laboratory research (environmental policy and regulation review requiring technical expertise is included in the Environmental Policy, Regulation, and Law category described above)
4. Public Relations and Communications - these types of fellowships include the review and analysis of public response to EPA policies and regulations, as well as general public opinion of environmental issues - the projects may include the development of communication tools; for example, pamphlets and informational materials
5. Computer Programming and Development - fellowships in this category may include the development of computer software, the development and querying of databases, and the design of programming functions required in laboratory work

For further information: <http://www.epa.gov/enviroed/NNEMS/index.html>

Interdisciplinary Training for Undergraduates in Biological and Mathematical Sciences (UBM) - NSF 08-510

National Science Foundation (NSF)

Deadline: February 12, 2009

The goal of the Undergraduate Biology and Mathematics (UBM) activity is to enhance undergraduate education and training at the intersection of the biological and mathematical sciences and to better prepare undergraduate biology or mathematics students to pursue graduate study and careers in fields that integrate the mathematical and biological sciences. The core of the activity is long-term research experiences for interdisciplinarily balanced cohorts of at least four undergraduates. Projects should focus on research at the intersection of the mathematical and biological sciences. Projects should provide students exposure to contemporary mathematics and biology, addressed with modern research tools and methods. That is, projects must be genuine research experiences rather than rehearsals of research methods. Projects must involve students from both areas in collaborative research experiences and include joint mentorship by faculty in both fields. In addition, it is expected that projects will strengthen the research and

education capacity, infrastructure, and culture of the participating institutions. To this end, projects should create models for education in the mathematical and biological sciences and influence the direction of academic programs for a broad range of students. UBM is a joint effort of the Education and Human Resources (EHR), Biological Sciences (BIO), and Mathematical and Physical Sciences (MPS) directorates at the National Science Foundation (NSF).

For further information: <http://www.nsf.gov/pubs/2008/nsf08510/nsf08510.htm>

SOCIAL SCIENCES

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

Dissertation Fellowships

Harry Frank Guggenheim Foundation; Research for Understanding and Reducing Violence, Aggression and Dominance

Deadline: February 1, 2009

Dissertation fellowships are awarded each year to individuals who will complete the writing of the dissertation within the award year. These fellowships are designed to contribute to the support of the doctoral candidate to enable him or her to complete the thesis in a timely manner. Applications are evaluated in comparison with each other and not in competition with the postdoctoral research proposals.

Highest priority is given to research that can increase understanding and amelioration of urgent problems of violence, aggression, and dominance in the modern world. Particular questions that interest the foundation concern violence, aggression, and dominance in relation to social change, the socialization of children, intergroup conflict, drug trafficking and use, family relationships, and investigations of the control of aggression and violence. Research with no useful relevance to understanding and attempting to cope with problems of human violence and aggression will not be supported, nor will proposals to investigate urgent social problems where the foundation cannot be assured that useful, sound research can be done. Priority will also be given to areas and methodologies not receiving adequate attention and support from other funding sources.

For further information: <http://www.hfg.org/df/guidelines.htm>

Teaching Enhancement Fund (TEF) Small Grants Program

American Sociological Association (ASA)

Deadline: February 2, 2009

The American Sociological Association (ASA) Teaching Enhancement Fund (TEF) Small Grants Program supports projects that extend the quality of teaching in the United States and Canada. The principal criteria for the award are that the project is likely to enhance the teaching of sociology and student learning, and serve as a seed-project that will continue to have systemic

impact in years to come. The criteria are intentionally flexible in order to accommodate innovative proposals.

For further information:

http://www.asanet.org/cs/root/leftnav/funding/teaching_enhancement_fund

Basic and Translational Research in Emotion (R01)

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

Deadline: February 5, 2009

The purpose of this Funding Opportunity Announcement (FOA) is to solicit grant applications to expand basic and translational research on the processes and mechanisms involved in the experience, expression, and regulation of emotion.

For further information: <http://grants1.nih.gov/grants/guide/pa-files/PA-07-083.html>

Geography and Regional Science Doctoral Dissertation Research Improvement (DDRI) Grants

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

Deadline: February 15, 2009

Doctoral dissertation research improvement grants are available from the Geography and Regional Science Program to enable doctoral students to improve the quality of dissertation research. These grants provide funds for items not normally available through the student's university. Additionally, these grants allow doctoral students to undertake significant data-gathering projects and to conduct field research in settings away from their campus that would not otherwise be possible. Proposals are judged on the basis of their scientific merit, including the theoretical importance of the research question and the appropriateness of the proposed data and methodology to be used in addressing the question.

For further information: <http://www.nsf.gov/sbe/bcs/grs/suppdiss.jsp>

Cultural Anthropology Research Experience for Graduates (REG) Supplements

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

Deadline: March 1, 2009

To advance the integration of research and education, the Cultural Anthropology program of the National Science Foundation (NSF) invites researchers holding existing NSF awards to request a Research Experience for Graduates (REG) Supplement. This supplemental funding will support the cost of a Cultural Anthropology Ph.D. student's closely mentored but independent, pre-dissertation research experience. The student's research should be his or her own research

project; supplements are not intended to support clerical or research assistants to the PI. The purpose of these supplements is to provide Ph.D. students opportunities for independent research while also encouraging PIs to mentor students in cooperative, collaborative activities. Special attention will be paid to the appropriateness and value of the educational experience for the student participants, particularly the independence and theoretical significance of the student's activities and the quality of the supervision.

For further information: <http://www.nsf.gov/pubs/2008/nsf08019/nsf08019.jsp>

Ruth Simms Hamilton Research Fellowship

TIAA-CREF

Deadline: March 2, 2009

The TIAA-CREF Ruth Simms Hamilton Research Fellowship was established to honor the memory and outstanding work of the late Dr. Ruth Simms Hamilton, the former Michigan State University professor and TIAA Trustee. Professor Hamilton served as a Trustee from 1989 to 2003, and during her 35-year career at Michigan State University, she was a highly regarded sociology professor and a faculty member of the African Studies Center, the Center for Latin American and Caribbean Studies and the Center for Advanced Study of International Development. She was an early pioneer of research concerning the African Diaspora, the dispersion and settlement of African people once they left Africa.

Fellowships are awarded to one or more graduate students enrolled in a social science program at an accredited U.S. college or university and studying the African Diaspora.

For further information: <http://www.tiaa-crefinstitute.org/awards/hamilton/index.html>

MULTIPLE DISCIPLINES

2009 Smithsonian Fellowships

Smithsonian Institute

Deadline: January 15, 2009

Applicants to the Smithsonian Institution Fellowship Program must propose to conduct research in a discipline pursued at the Smithsonian and must submit a specific and detailed research proposal indicating why the Smithsonian is an appropriate place to carry out the study. Projects that broaden and diversify the research conducted within these disciplines are encouraged. Fellowships are offered to support research at Smithsonian facilities or field stations. Fellows are expected to spend most of their tenure in residence at the Smithsonian, except when arrangements are made for periods of field work or research travel.

For all fellowships, appropriate members of the Smithsonian professional staff must be willing and able to serve in the capacity of principal advisor or host, and space and facilities must be available to accommodate the proposed research.

Postdoctoral Fellowships are offered to scholars who have held a Ph.D. or equivalent for less than seven years. Senior Fellowships are offered to scholars who have held a Ph.D. or equivalent for seven years or more. The term is 3 to 12 months.

Predoctoral Fellowships are offered to doctoral candidates who have completed preliminary course work and examinations, and have been advanced to candidacy. Candidates must have the approval of their universities to conduct doctoral research at the Smithsonian Institution. The term is 3 to 12 months.

Graduate Student Fellowships are offered to students formally enrolled in a graduate program, who have completed at least one semester and not yet been advanced to candidacy if in a Ph.D. Program. Applicants must submit a proposal for research in a discipline which is pursued at the Smithsonian. The term is 10 weeks.

The following fields of interest are emphasized:

American History, American Material and Folk Culture, and the History of Music and Musical Instruments; History of Science and Technology; History of Art, Design, Crafts, and the Decorative Arts; Anthropology, Archaeology, Linguistics, and Ethnic Studies; Evolutionary, Systematic, Behavioral, Environmental, and Conservation Biology; Earth, Mineral, and Planetary; Materials Characterization and Conservation.

For further information: <http://www.si.edu/ofg/fellowopp.htm>

Coming Up Taller

President's Commission on the Arts and the Humanities

Deadline: January 30, 2009

The Coming Up Taller Awards recognize and support outstanding community arts and humanities programs that celebrate the creativity of America's young people, provide them learning opportunities and chances to contribute to their communities. These awards focus national attention on exemplary programs currently fostering the creative and intellectual development of America's children and youth through education and practical experience in the arts and the humanities. Accompanied by a cash award, the Coming Up Taller Awards not only reward these projects with recognition, but also contribute significant support to their continued work.

Award recipients receive \$10,000 each, an individualized plaque, and an invitation to attend the annual Coming Up Taller Leadership Enhancement Conference. In addition, 35 exceptional youth arts and humanities programs across the country receive a Semifinalist Certificate of Excellence.

Coming Up Taller is an initiative with the Institute of Museum and Library Services, National Endowment for the Arts and the National Endowment for the Humanities to showcase cultural

excellence and enhance the availability of out-of-school arts and humanities programs to children.

For further information: www.cominguptaller.org

Science, Technology, and Society (STS) - NSF 08-553

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

Deadline: February 1, 2009; August 1, 2009

STS considers proposals that examine historical, philosophical, and sociological questions that arise in connection with science, engineering, and technology, and their respective interactions with society. STS has four components:

1. Ethics and Values in Science, Engineering, and Technology (EVS)
2. History and Philosophy of Science, Engineering, and Technology (HPS)
3. Social Studies of Science, Engineering, and Technology (SSS)
4. 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. STS encourages the submission of hybrid proposals that strive to integrate research involving two or more of these core areas.

STS provides the following modes of support:

1. Scholars Awards
2. Standard Research Grants and Grants for Collaborative Research
3. Postdoctoral Fellowships
4. Professional Development Fellowships
5. Doctoral Dissertation Research Improvement Grants
6. Small Grants for Training and Research (SGTR)
7. Conference and Workshop Awards
8. Other Funding Opportunities

For further information: <http://www.nsf.gov/pubs/2008/nsf08553/nsf08553.htm>

Research on Ethical Issues in Human Subjects Research (R01)

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

Deadline: February 5, 2009

This Funding Opportunity Announcement (FOA) solicits research project grant applications (R01) addressing ethical challenges of human subjects research in order to optimize the protection of human subjects and enhance the ethical conduct of human subjects research. Recent developments in biomedical and behavioral research which include the rapid growth of new interventions and technologies, increasing involvement of foreign populations in human subjects

research, and concerns about financial conflicts of interest among researchers, challenge investigators' abilities to interpret and apply the regulations.

For further information: <http://grants1.nih.gov/grants/guide/pa-files/PA-07-277.html>

Strategic Technologies for Cyberinfrastructure (STCI)

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

Deadline: February 12, 2009; August 13, 2009

The primary purpose of this program 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. NSF 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, this 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.

Investigators interested in submitting proposals with large budgets (roughly \$500,000 per year or larger) are encouraged to develop strong support from within the science and engineering community prior to submitting a proposal and to document this support within the proposal; for example, in the form of references to workshop reports, reports from the National Academies of Science or Engineering, or other reports based on broad community input, on the topic proposed.

Proposals should include a clear and compelling description of why the proposed work has the potential to significantly advance research or education capabilities in multiple areas of science and engineering. Proposals should also provide a convincing explanation of why the project is not suitable for other NSF programs or solicitations.

Before developing a proposal intended for this program, investigators are encouraged to discuss their ideas with program officers associated with the program to check that there is no targeted solicitation in development for which the project would be a better fit.

For further information: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=500066

Proactive Recruitment in Introductory Science and Mathematics (PRISM) - NSF 08-596
National Science Foundation (NSF); Directorate for Mathematical and Physical Sciences (MPS);
Division of Mathematical Sciences (DMS)
Deadline: February 16, 2009

The goal of this program is to strengthen the nation's scientific competitiveness by increasing the numbers of well-prepared, successful U.S. undergraduate majors and minors in science and mathematics. The program will fund innovative, potentially transformational partnerships between the mathematical sciences and other science or engineering disciplines that widen the cross section of the mathematical sciences to which freshman and sophomore students are exposed and that provide these students increased opportunities for research experiences involving the mathematical sciences.

The program aims to increase and enhance the mathematical and statistical content of degree plans across mathematics/statistics and science/engineering fields. This program is not meant to encourage one STEM discipline to gain majors at the expense of another. Activities involving high schools and two-year colleges may be proposed where appropriate. Proposing institutions are expected to design programs that also attract greater numbers of students from underrepresented groups into mathematics, statistics, science, and engineering. This solicitation requires partnerships of a mathematical sciences department with at least one other discipline outside the mathematical sciences.

For further information: <http://www.nsf.gov/pubs/2008/nsf08596/nsf08596.htm>

Science of Virtues
University of Chicago
Deadline: March 2, 2009

The Arete Initiative at the University of Chicago is pleased to announce a new \$3 million research program on a New Science of Virtues. This is a multidisciplinary research initiative that seeks contributions from individuals and from teams of investigators working within the humanities and the sciences. We support highly original, scholarly projects that demonstrate promise of a distinctive contribution to virtue research and have the potential to begin a new field of interdisciplinary study.

In 2010, about twenty (20), two-year research grants will be awarded ranging from \$50,000 to \$300,000. Scholars and scientists from around the world are invited to submit Letters of Intent (LOI) as entry into a research grant competition.

For further information: <http://www.scienceofvirtues.org/>

Air Quality

United States Department of Agriculture (USDA)

Deadline: March 5, 2009

Agriculture, forest, and range production practices have increasingly become subject to state and federal regulations that are meant to protect air resources. The long-term (10-year) goals of this program are: a) develop emission data for agriculture, forest, and range production practices that will lead to emission reduction targets that will significantly improve air quality and protect human and environmental health; b) develop mitigation strategies that will increase adoption of best management practices to reduce agricultural emissions; and c) improve understanding of odor, gases, and particulate matter (PM) measurement, production, flux, fate and transport that will lead to a better understanding of the environmental fate of emissions.

For further information: <http://www.csrees.usda.gov/fo/airqualitynri.cfm>

Shared Instrumentation Grant Program (S10)

National Institutes of Health

Deadline: March 23, 2009

The NCRR Shared Instrument Grant (SIG) program solicits applications from groups of NIH-supported investigators to purchase or upgrade commercially available instruments that cost at least \$100,000. The maximum award is \$500,000. Types of instruments supported include confocal and electron microscopes, biomedical imagers, mass spectrometers, DNA sequencers, biosensors, cell sorters, X-ray diffraction systems, and NMR spectrometers among others.

Funds Available and Anticipated Number of Awards. The NCRR intends to commit approximately \$43 million in FY2010 to fund approximately 125 new awards. Since the cost of the various instruments will vary, it is anticipated that the size of awards will also vary. The total amount awarded and the number of awards will depend on the funds available for the SIG program. Awards are for one year and for direct costs only. Cost sharing is not required.

Eligible institutions include domestic non-profit organizations, public or private institutions, such as universities, colleges and hospitals. Eligible principal investigators include any technically qualified research scientists. To be eligible to apply, three or more NIH funded investigators (Principal Investigators of active P01, R01, U01, R35, R37, DP1 or DP2 research grants) who will be users of the requested instruments must be identified.

For further information: <http://grants.nih.gov/grants/guide/pa-files/PAR-09-028.html>