



Focus on Funding Newsletter

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Notices

Reminder! Submit Your Proposals Early!

In anticipation of the large volume of proposals being submitted in response to the American Recovery & Reinvestment Act of 2009 funding opportunities, SDSU Research Foundation strongly urges faculty who are submitting proposals to have their final, completed proposals ready *5 days ahead of the deadline*.

Please notify your Development Specialist as soon as possible if you intend to apply. If you are unsure of the development specialist assigned to you, please see the Sponsored Research Development staff list on the [SDSU Research Foundation website](#) or call 594-5731.

SDSURF Hosts Informative Workshops

If you would like to reserve a seat for either of the following workshops, please contact Linda Valdez at lvaldez@foundation.sdsu.edu.

Deborah Brighton
Editor

Julie Seal
Assistant Editor

Focus On Funding is published by SDSU Research Foundation as a service to San Diego State University faculty and staff.

Additional information about the opportunities described in this publication can be obtained by contacting the [Office of Communications](#) at 594-2458.

Comments and suggestions are welcome and may be sent to jseal@foundation.sdsu.edu.

Export Controls Workshop – What You Need to Know!

With the federal government placing greater importance on national security issues, universities must be able to demonstrate that they can comply with export control laws and avoid the transfer of technology to foreign nationals. This means screening research, equipment, technology, students, and staff.

On *Thursday, April 16 from 2:00-4:00*, an SDSURF representative will provide an introduction to export control regulations, outline exemptions, and provide suggestions about how SDSU can comply.

Grantsmanship Workshop

On *Friday, April 17, 2009 from 11:30-1:00* as we hear best practices for obtaining external funding from successful grant-getter Dr. Roberta Gottlieb, Director of the SDSU Bioscience Center. Dr. Gottlieb has secured over \$2 million in funding over the past two years and will discuss a number of factors to consider when applying for grants, including how to market yourself and general grant writing tips. She will also describe issues specific to NIH (National Institutes of Health) proposals. This is a unique opportunity, especially targeted to new faculty and postdocs. You won't want to miss it!

Bring your lunch. Cookies and beverages will be provided.

NIH Issues Notice of Legislative Mandates in Effect for FY2009

The Omnibus Appropriations Acts, 2009 (Public Law 111-8), provides funding to NIH for the remainder of FY2009. NIH has issued a notice about the following statutory provisions that limit the use of funds on National Institutes of Health (NIH) grant cooperative agreement, and contract awards for FY2009. The Notice of Legislative Mandates for FY2008 was published on February 11, 2008 ([NOT-OD-08-041](http://grants.nih.gov/grants/guide/notice-files/NOT-OD-08-041.html)) and those that remain in effect for FY2009 are:

- (1) NIH Public Access Requirement (Section 217) – Now Permanent
- (2) Dissemination of False or Misleading Scientific Information [Section (517b)]
- (3) Restriction on Employment of Unauthorized Alien Workers (Section 519)
- (4) Continued Salary Limitation (Section 203)
- (5) Anti-Lobbying (Section 503)
- (6) Restriction on Distribution of Sterile Needles (Section 505)
- (7) Acknowledgment of Federal Funding (Section 506)
- (8) Restriction on Abortions (Section 507)
- (9) Ban on Funding Human Embryo Research (Section 509)
- (10) Limitation on Use of Funds for Promotion of Legalization of Controlled Substances (Section 510)
- (11) Certification of Filing and Payment of Taxes (Section 521)

The full notice is available at <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-070.html>. For more information on grants policy, please visit: <http://grants.nih.gov/grants/policy/policy.htm>. For more information on contracts policy, please visit: <http://ocm.od.nih.gov/contracts/contract.htm>.

NIH Fiscal Policy for Grant Awards – FY 2009

NIH has issued a notice regarding its Fiscal Operations Plan for FY2009, which implements the FY 2009 Omnibus appropriation that provided NIH with \$30.4 billion (three percent more than FY 2008 funding). The following NIH fiscal policies are instituted for FY2009:

Non-Competing Research Awards: The FY 2009 appropriation allows NIH to support investments in research by funding grants at the most recently committed levels. Non-competing awards previously issued in FY 2009 at reduced levels will be revised to restore funds to the level indicated above. (See <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-002.html>). This policy does not apply to Career Awards, SBIR/STTRs, and Ruth L. Kirschstein-National Research Service Award (NRSA) Individual Fellowships & Institutional Training Grants.

Competing Research Awards: Each NIH Institute and Center (IC) will manage its competing portfolio using funds that have not been committed for non-competing awards. Consistent with the FY 2009 appropriation, the FY 2008 average cost of competing grants is allowed to increase by 3 percent over FY 2008 when compared to similar policies. It is estimated this will allow ICs to support the NIH investigator pool with approximately 9,800 new and competing Research Project Grants (RPGs).

Ruth L. Kirschstein National Research Service Awards (NRSA): NIH will support a 1 percent increase in all stipend levels.

More information is available in the full notice at <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-066.html>.

NIH Requires Mandatory Use of the eRA Commons Financial Conflict of Interest (FCOI) Module Beginning July 1, 2009

Effective July 1, 2009, NIH will require all Financial Conflict of Interest (FCOI) reports for grants and cooperative agreements to be submitted using the new electronic Research Administration (eRA) Commons FCOI Module. The FCOI Module is part of the eRA Commons, and is an online interface where grantees and Federal staff share information. The FCOI Module provides institutional users the ability to electronically prepare and submit FCOI reports through the eRA Commons. More information is available at <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-072.html>.

Features

Department of Education - Institute of Education Sciences (IES) Research Grant Programs

The Institute of Education Sciences is accepting applications for the following programs:

- **Education Research Grants** fund research that will contribute to education research programs in the following areas: Reading and Writing; Mathematics and Science Education; Cognition and Student Learning; Teacher Quality – Reading and Writing; Teacher Quality – Mathematics and Science Education; Social and Behavioral Context for Academic Learning; Education Leadership; Education Policy, Finance, and Systems; Early Childhood Programs and Policies; Middle and High School Reform; Interventions for Struggling Adolescent and Adult Readers and Writers; English Language Learners; Postsecondary Education; and Education Technology. The size of the award will depend on the project. Application guidelines are available at http://ies.ed.gov/funding/pdf/2010_84305A.pdf. **Deadlines: April 27; August 3 (letters of intent); June 25; October 1 (applications)**
- **Evaluation of State and Local Education Programs and Policies** will provide support for rigorous evaluations of education programs or policies that are implemented by state or local education agencies. The size of the award will depend on the project. Application guidelines are available at http://ies.ed.gov/funding/pdf/2010_84305E.pdf. **Deadlines: August 3 (letters of intent); October 1 (applications)**
- **Postdoctoral Research Training Programs in the Education Sciences and Special Education** are designed to increase the number of scientists and researchers prepared to conduct rigorous evaluation studies, develop and evaluate new products and approaches that are grounded in a science of learning, design and validate tests and measures, and contribute to the advancement of knowledge and theory in education and special education. The maximum award amount is \$655,000. Application guidelines are available at http://ies.ed.gov/funding/pdf/2010_84305B.pdf (Education) and http://ies.ed.gov/funding/pdf/2010_84324B.pdf (Special Education). **Deadlines: April 27 (letters of intent); June 25 (applications)**
- **Research and Development Centers Programs** support centers that will contribute significantly to the solution of education problems in the United States by engaging in research, development, evaluation, and national leadership activities aimed at improving the education system and student achievement.
 - **National Research and Development Centers** will conduct a focused program of education research in one of the following three topic areas: Scaling Up Effective Schools; Mathematics Standards and Assessment; or Cognition and Mathematics Instruction.
 - **Special Education Research and Development Centers** will fund two types of Centers: 1) Special Education Research and Development Center on Assessment and Accountability; and 2) Special Education Research and Development Center on Improving Mathematics Instruction for Students with Mathematics Difficulties.

For both Center programs, typical awards will be in the range of \$1 million to \$2 million per year for five years. Application guidelines are available at http://ies.ed.gov/funding/pdf/2010_84305C.pdf (Education Centers) and http://ies.ed.gov/funding/pdf/2010_84324C.pdf (Special Education Centers). **Deadlines: August 3 (letters of intent); October 1 (applications)**

- **Special Education Research Grants** offer funding for research projects that will contribute to special education research programs in the following areas: Early Intervention and Early Childhood Special Education; Reading, Writing, and Language Development; Mathematics and Science Education; Social and Behavioral Outcomes to Support Learning; Transition Outcomes for Special Education Secondary Students; Cognition and Student Learning in Special Education; Teacher Quality; Related Services; Special Education Policy, Finance, and Systems; and Autism Spectrum Disorders. The size of the award will depend on the project. Application guidelines are available at http://ies.ed.gov/funding/pdf/2010_84324A.pdf. **Deadlines: April 27; August 3 (letters of intent); June 25; October 1 (applications)**

- **Statistical and Research Methodology in Education** supports research to advance education research methodologies and statistical analyses. The long-term outcome of this research program will be a wide range of methodological and statistical tools that will better enable education scientists to conduct rigorous education research. Typical awards are \$75,000 to \$400,000 per year for up to three years. Application guidelines are available at http://ies.ed.gov/funding/pdf/2010_84305D.pdf. **Deadlines: April 27 (letters of intent); June 25 (applications)**

National Science Foundation

NSF is accepting proposals under the following featured programs:

- **Discovery Research K-12**
The purpose of this program is to enable significant advances in preK-12 student and teacher learning of the STEM disciplines through the development, implementation, and study of resources, models, and technologies for use by students, teachers, and policymakers. Approximately \$50 million is available to support 50 to 70 awards. The maximum award amounts are as follows: research and development projects of up to \$3.5 million over five years, with the exception of those that focus on the implementation challenge, which are up to \$5 million over five years; exploratory projects of up to \$450,000 over three years; synthesis projects of up to \$250,000 over two years; and conferences/workshops of up to \$100,000 over two years. Application guidelines are available at http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf08609. **Deadline: January 7, 2010**
- **Faculty Early Career Development (CAREER) Program**
Career awards support junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education, and the integration of education and research within the context of the mission of their organizations. NSF especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply. All proposals must have an integrated research and education plan at their core. Approximately \$80 million is available to support 425 awards. The minimum award amounts are \$400,000 over five years for all directorates except Biological Sciences, which has a minimum award amount of \$500,000 over five years. The solicitation is available at http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf08557. **Deadlines: July 21 (BIO, CISE, EHR); July 22 (ENG); July 23 (GEO, MPS, SBE, OPP)**

Grant Opportunities

Arts, Humanities, & Social Sciences

Administration for Children and Families – Abandoned Infants Assistance: Comprehensive Support Services for Families Affected by Substance Abuse for HIV/AIDS

ACF is inviting applications to develop and implement programs of comprehensive community-based support services for families affected by substance abuse and/or HIV/AIDS; to evaluate the implementation and outcomes of these comprehensive support services; and to develop these programs as identifiable sites that other states/locales seeking to implement comprehensive support services for this population can look to for guidance, insight, and possible replication. Approximately \$3.8 million is available for eight awards of up to \$475,000 each. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at

<http://www.acf.hhs.gov/grants/open/HHS-2009-ACF-ACYF-CB-0060.html>. **Deadline: May 11**

Administration for Children and Families – Assets for Independence Demonstration Program

ACF supports projects that assist low-income individuals to become economically self-sufficient by teaching them about economic and consumer issues and enabling them to establish matched savings accounts (Individual Development Accounts). Approximately \$19 million is available to support 55 to 65 awards. Applications guidelines are available at

<http://www.acf.hhs.gov/grants/open.html>. **Deadline: June 25**

Administration for Children and Families – Discretionary Funds for Refugee Microenterprise Development Projects

ACF is accepting applications for the following projects: 1) assisting refugees in becoming economically self-sufficient; 2) helping refugee communities in developing employment and capital resources; and 3) enhancing the integration of

refugees into the mainstream by helping mainstream organizations develop the experience of serving refugee populations. Approximately \$1.5 million is available to support eight awards. Application guidelines are available [online](#). **Deadline: May 11**

Administration for Children and Families – National Resource Center Programs

ACF is accepting applications for the following National Resource Centers:

1. **Child Welfare Legal and Judicial Issues** will improve legal representation and judicial decision-making in juvenile and family courts. Approximately \$1.15 million is available to support one National Resource Center for Child Welfare Legal and Judicial Issues.
2. **National Resource Center for Tribes** seeks to improve child welfare systems and to support states and Tribes in achieving sustainable, systemic change that results in greater safety, permanency, and well-being for children, youth, and families. Approximately \$875,000 available to support one National Resource Center for Tribes.
3. **In-Home Services** will improve child welfare systems and to support states and tribes in achieving sustainable, systemic change that results in greater safety, permanency, and well-being for children, youth, and families. Approximately \$950,000 is available for one award.

*Please note: submission through Grants.gov is required for these programs. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible. Application guidelines are available [online](#) (Child Welfare and Tribe Centers) and <http://www.acf.hhs.gov/grants/open/HHS-2009-ACF-ACYF-CZ-0068.html> (In-Home Services). **Deadline: May 11***

Administration for Children and Families – Services for Survivors of Torture Program

ACF is accepting applications to: provide services to torture survivors to enable them to regain their health and independence and rebuild productive lives; conduct training to improve services and care for torture survivors; and provide technical assistance to organizations and institutions that serve persons who have been tortured. Support may be provided for research and training for health care providers outside of treatment centers, or programs to enable providers to deliver rehabilitation to torture survivors, including treatment of the physical and psychological effects of torture. Approximately \$8.7 million is available to support 25 Direct Services awards and \$875,000 to support two Technical Assistance awards. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Direct Services application guidelines are also available [online](#). Technical Assistance application guidelines are also available [online](#). **Deadline: May 11**

Herb Block Foundation – Encouraging Citizen Involvement

The Herb Block Foundation is accepting proposals that focus on citizen education and greater voter participation in the electoral process. Awards range from \$5,000-\$25,000. Application guidelines are available at <http://www.herblockfoundation.org/>. **Deadline: June 9**

Center for Advanced Study in the Behavioral Sciences – Residential Fellowships Program

This program awards approximately 45 residential postdoctoral fellowships to scientists and scholars to increase knowledge of principles that govern human behavior. The current theme of the program is "Longevity and Science and Scholarship on Invisible Forces" ranging from gravity to effects of social relationships on gene transcription. Application guidelines are available at <https://www.casbs.org/programs/>. **Deadline: June 1**

Dedalus Foundation – Grant Program

The Dedalus Foundation provides institutional grants to support educational programs, exhibitions and publications by museums, universities, art schools and other educational institutions. Grants range up to \$25,000. Application guidelines are available at <http://dedalusfoundation.org/index.php/site/grants-institutional/>. **Deadlines: October 15 (letters of inquiry)**

William T. Grant Foundation – Understanding the Acquisition, Interpretation, and Use of Research Evidence in Policy and Practice

Through this RFP, the Foundation will support research on the factors that affect policy makers' and practitioners' acquisition, interpretation, and use of research evidence. The foundation encourages interdisciplinary projects and welcomes applications from researchers in various disciplines, including anthropology, communication studies, economics, education, family studies, human development, organizational studies, political science, prevention research, psychology, public administration, public policy, public health, social work, and sociology. Awards will range from \$100,000 to \$600,000 for two to three years. Application guidelines are available at <http://fconline.foundationcenter.org/pnd/15016908/wtgrantfdnnews>.

Deadline: May 12 (letters of inquiry)

Tony Hawk Foundation – Grant Program

The mission of the Tony Hawk Foundation is to promote high-quality, public skateparks in low-income areas throughout the United States by providing grants to encourage and facilitate the design, development, construction, and operation of new skateboard parks and facilities. Grants range from a minimum of \$1,000 to a maximum of \$25,000. Application guidelines are available at

<http://fconline.foundationcenter.org/pnd/15016770/tonyhawkfdn>. **Deadline: October 1**

Charles A. and Anne Morrow Lindberg Foundation – Lindberg Grants Program

This program awards ten grants of up to \$10,580 for research to create a balance between technology and preservation of the natural environment. Program topics include: agriculture; aviation/aerospace; conservation of resources, including animals, plants, water, and general conservation; education, including humanities, the arts, and intercultural communication; exploration; health, including biomedical research, health and population sciences and adaptive technology; and waste minimization and management. Application guidelines are available at <http://www.lindberghfoundation.org/grants/index.php>. **Deadline: June 11**

National Endowment for the Humanities - Preservation Education and Training Grants

Preservation and Education Training Grants will support projects that help the staff of cultural institutions obtain the knowledge and skills needed to serve as effective stewards of humanities collections. Grants also support educational programs that prepare the next generation of conservators and preservation professionals, as well as projects that introduce the staff of cultural institutions to recent improvements in preservation and access practices. The maximum award is \$125,000 per year. *Please note: submission via Grants.gov is required for this program. Please contact your SDSURF development specialist if you plan to apply.* Application guidelines are available at

<http://www.neh.gov/grants/guidelines/pet.html>. **Deadline: July 1**

National Geographic and Ashoka Changemakers – Geotourism Challenge

This program is designed to identify and showcase innovators that directly or indirectly promote tourism sustaining or enhancing the geographical character of a place: its environment, culture, aesthetics, heritage, and the well-being of its residents. The innovation should demonstrate the potential to be successfully replicated in other places and to become self-sustaining. Three winners will each receive a cash prize of \$5,000. Application guidelines are available at

<http://fconline.foundationcenter.org/pnd/15017072/changemakers>. **Deadline: May 20**

National Film Preservation Foundation – Partnership Grants

The National Film Preservation Foundation supports public and nonprofit archives for lab work to preserve culturally and historically significant film materials. Application guidelines will be available at

http://www.filmpreservation.org/sm_index.html. **Deadline: May 22**

National Science Foundation – Decision, Risk and Management Sciences

NSF is seeking proposals for scientific research directed at increasing the understanding and effectiveness of decision making by individuals, groups, organizations, and society. Application guidelines are available at

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5423. **Deadlines: August 18; January 18**

National Science Foundation - Developmental and Learning Sciences

The purpose of this program is to increase understanding of cognitive, linguistic, social, cultural, and biological processes related to children's and adolescents' development and learning. Award size will vary. The solicitation is available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=8671. **Deadlines: July 15; January 15**

National Science Foundation – Economics

NSF is seeking proposals for research designed to improve the understanding of the processes and institutions of the United States economy and of the world system. The program supports research in every area of economics, including econometrics, economic history, environmental economics, finance, industrial organization, international economics, labor economics, macroeconomics, mathematical economics, and public finance. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5437. **Deadline: August 18; January 18**

National Science Foundation – Law and Social Science

NSF supports social scientific studies of law and law-like systems of rules, institutions, processes, and behaviors. These can include research designed to enhance the scientific understanding of the impact of law; human behavior and interactions as these relate to law; the dynamics of legal decision making; and the nature, sources, and consequences of variations and changes in legal institutions. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5422. **Deadlines: August 15; January 15**

National Science Foundation – Linguistics

NSF is inviting proposals that support scientific research focusing on human language as an object of investigation. Award size will vary. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5408. **Deadlines: July 15; January 15**

National Science Foundation – Perception, Action and Cognition

NSF supports research on perception, action and cognition including the development of these capacities. Research topics include vision, audition, haptics, attention, memory, reasoning, written and spoken discourse, motor control, and developmental issues in all topic areas. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5686&org=BCS&sel_org=BCS&from=fund. **Deadlines: August 1; February 1**

National Science Foundation – Political Science

NSF supports scientific research that advances knowledge and understanding of citizenship, government, and politics. Awards support research projects on bargaining processes; campaigns and elections, electoral choice, and electoral systems; citizen support in emerging and established democracies; democratization, political change, and regime transitions; domestic and international conflict; international political economy; party activism; political psychology and political tolerance. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5418. **Deadlines: August 15; January 15**

National Science Foundation – Sociology

NSF is seeking proposals for research on all forms of human social organization societies, institutions, groups and demography and processes of individual and institutional change. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5369. **Deadlines: August 15; January 15**

The Proctor & Gamble Fund – Grant Program

The Proctor & Gamble Fund supports organizations involved with arts and culture, education, clean water, animals, health, disaster relief, human services, international relief, community development, civic affairs, and economically disadvantaged people. Special emphasis is directed toward children in need. Application guidelines are available at www.pg.com/company/our_commitment/grant_application_guidelines.shtml. **Deadline: September 30**

Save Our History – Community Education and Preservation Projects

Save Our History supports local history education and historic preservation efforts in communities across the United States. Save Our History awards a total of \$250,000 to partner with schools or youth groups on preservation projects that engage students in learning, documenting, and preserving the history of their communities. Application guidelines are available at

<http://fconline.foundationcenter.org/pnd/15016914/saveourhistory>. **Deadline: June 5**

Substance Abuse and Mental Health Services Administration - Statewide Family Network Grant

The purpose of this program is to enhance state capacity and infrastructure to be more oriented to the needs of children and adolescents with serious emotional disturbances and their families. Awardees may pursue diverse strategies and methods to achieve their infrastructure development and capacity expansion goals. Successful applicants will provide a coherent and detailed conceptual "roadmap" of the process by which they have assessed, or intend to assess, service system needs and plan/implement infrastructure development strategies that meet those needs. Approximately \$460,000 is available for six awards. Application guidelines are available [online](#). **Deadline: May 14**

Transit Cooperative Research Program – Communication with Vulnerable Populations: A Transportation and Emergency Management Toolkit

The purpose of this program is to develop a toolkit of communications strategies, policies, and practices for transportation agencies and emergency management agencies that focuses on communicating with vulnerable populations prior to, during, and after all hazard emergencies. \$350,000 is available for an 18-month contract. The solicitation is available at

<http://www.trb.org/TRBNet/ProjectDisplay.asp?ProjectID=2611>. **Deadline: May 19**

Education & Training

Department of Agriculture – Smith-Lever Special Needs Program

USDA is accepting applications to support innovative extension education approaches to addressing risks, hazards and disasters. Approximately \$460,000 is available. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available [online](#). **Deadline: May 26**

Department of Education – Enhanced Assessment Instruments

DOE supports projects to enhance the quality of assessment instruments and systems used by states for measuring the achievement of all students. Approximately \$8.7 million is available for six awards. Application guidelines are available at <http://www.ed.gov/programs/eag/index.html>. **Deadline: May 11**

Department of Education - Technology Access in Resource-Limited Environments

The purpose of this program is to improve the effectiveness of services authorized under the Rehabilitation Act of 1973, as amended, by developing methods, procedures, and rehabilitation technologies that advance a wide range of independent living and employment outcomes for individuals with disabilities, especially individuals with the most severe disabilities. One award of up to \$950,000 for one year will be made. Application guidelines are available at <http://www.ed.gov/legislation/FedRegister/announcements/2009-1/032309a.html>. **Deadline: May 22**

Friedman Charitable Foundation – Grant Program

The Friedman Charitable Foundation provides grants to support and challenge today's youth to: succeed in education and participation in the community; create new opportunities for increased interaction between physically and developmentally disabled children and their peers, and encourage youth to attain higher levels of education and to use that increased knowledge to advance a greater understanding and desire to improve their society. Application guidelines are available at www.friedmanfoundation.com/. **Deadline: open**

Genentech, Inc. – Corporate Giving Program

Genentech, Inc.'s Corporate Giving Program will support health science education, patient education and advocacy, and community projects. Grant size will vary. Application guidelines are available at <http://www.gene.com/gene/about/community/overview.html>. **Deadline: open**

Charles LaFitte Foundation – Grant Program

The Charles LaFitte Foundation offers support for programs in the following areas: assisting students with learning disabilities; providing technology and computer based education; creating access to education of the arts; supporting at-risk children from preschool to college; and providing learning enhancement, including the development of leadership skills. Approximately \$1 million is available for grants. Application guidelines are available at <http://www.charleslafitte.org/applications.html>. **Deadline: open**

Mitsubishi Electric American Foundation – Grants for Inclusion of Youth with Disabilities

The Mitsubishi Electric American Foundation supports projects that advance the independence, productivity and community inclusion of young people with disabilities. Projects should have broad scope and the potential for replication nationally. Applicants are urged to develop partnerships with other organizations and involve people with disabilities in planning and implementation. Application guidelines are available at <http://www.meaf.org/apply/>. **Deadline: June 1**

National Council of Teachers of English Research Foundation – Grant Programs

The NCTE Research Foundation offers funding to support research projects related to the teaching and learning of language and literacy. The Foundation also supports Cultivating New Voices Among Scholars of Color, which provides two years of support, mentoring, and networking opportunities for early career scholars of color. Application guidelines are available at <http://www.ncte.org/awards/research>. **Deadline: varies**

National Science Foundation – Education and Interdisciplinary Research

NSF provides funding for activities that seek to improve the education and training of physics students (both undergraduate and graduate), such as curriculum development for upper-level physics courses, and activities that are not included in specific programs elsewhere within NSF. The program supports research at the interface between physics and other disciplines and extending to emerging areas. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5610. **Deadline: September 30**

National Science Foundation – NSF Graduate STEM Fellows in K-12 Education (GK-12)

This program provides funding for graduate students in NSF-supported science, technology, engineering, and mathematics (STEM) disciplines to bring research practice and findings into K-12 learning settings. The purpose of the program is to: provide an opportunity for graduate students to acquire value-added skills, such as communicating STEM subjects to technical and non-technical audiences, leadership, team building, and teaching; add value to the training of U.S. graduate students and energize and prepare the students for a broad range of STEM careers in a competitive globalized marketplace; and provide institutions of higher education with an opportunity to transform the conventional graduate education by infusing and sustaining GK-12 activities in their graduate programs. 20-25 new projects will be awarded up to \$600,000 per year for five years. *Only one proposal per institution will be accepted. If you would like to submit a proposal, please send a white paper of no more than two pages to your Associate Dean and Gene Stein by **May 19, 2009**.* The solicitation is available at http://www.nsf.gov/pubs/2009/nsf09549/nsf09549.htm?govDel=USNSF_25. **Deadlines: May 19 (letters of intent); June 29 (proposals)**

National Science Foundation - Research Experiences for Teachers (RET) in Engineering

NSF is seeking proposals to help build long-term collaborative partnerships between K-12 science, technology, engineering, and mathematics (STEM) teachers, community college faculty, and the NSF university research community by involving the teachers in engineering research and helping them translate their research experiences and new knowledge of engineering into classroom activities. Partnerships with inner city schools or other high need schools are

especially encouraged. Five awards are expected annually. The maximum award amount for RET Sites is \$500,000 over three years; and the maximum award amount for supplements is \$10,000 per teacher over one year. *Please note: two proposals per institution will be accepted. If you would like to submit a proposal, please send a white paper of no more than two pages to your Associate Dean and Gene Stein by **September 25, 2009**.* The solicitation is available at

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07557. **Deadline: November 16**

Oprah's Angel Network – Grant Program

Oprah's Angel Network supports education through the following: increased access to and completion of traditional and nontraditional education programs for people from socio-economically disadvantaged backgrounds; enhanced leadership and professional development for principals, teachers and other education decision-makers; developing communities of learning and advocacy for parents, educators, business leaders and other stakeholders to create a network that supports educational access and quality; and the creation of 21st century schools by providing access to technology and other educational materials to enhance cutting-edge teaching and learning. Application guidelines are available at <http://oprahangelnetwork.org/grants>.

Deadline: open

Righteous Persons Foundation – Grant Program

The Righteous Persons Foundation, founded by filmmaker Steven Spielberg, provides organizations with funding to help further ideals that are important to the Jewish community. This program currently funds projects in the United States that are national in scope and can serve as models. Grants range from up to \$2 million per year to fund 30 projects. Application guidelines are available at

<http://www.righteouspersonsfoundation.org/>. **Deadline: June 1**

RGK Foundation – Grant Program

The RGK Foundation awards grants in formal K-12 education, teacher development, literacy, and higher education. The Foundation also provides support for a broad range of human services, community improvement, youth development programs, and parenting education. The average grant size is \$25,000. Application guidelines are available at <http://www.rgkfoundation.org/public/guidelines>.

Deadline: open (letters of inquiry)

Health & Mental Health

American Foundation for Suicide Prevention – Research Grant Programs

The American Foundation for Suicide Prevention supports research on suicide from a variety of disciplines: psychiatry, medicine, psychology, genetics, epidemiology, and neurobiology. Grants are awarded for one to two years under five programs: Young Investigator Grants of \$85,000; Standard Research Grants of \$75,000; Distinguished Investigator Grants of \$100,000; Postdoctoral Research Fellowships of \$100,000; and Pilot Grants of \$30,000. Application guidelines are available at <http://www.afsp.org/>. **Deadline: June 15**

Anesthesia Patient Safety Foundation – Research Grant Program

The Anesthesia Patient Safety Foundation supports research directed toward enhancing anesthesia patient safety. The program encourages studies leading toward the prevention of mortality and morbidity resulting from anesthesia mishaps. Awards range up to \$150,000 for over two years. Application guidelines are available at

<http://www.apsf.org/grants/guidelines.msp>. **Deadline: June 1**

Burroughs Wellcome Fund – Grant Programs

The Burroughs Wellcome Fund supports biomedical researchers at the beginning of their careers in areas of science that are underfunded and poised for significant advance. The program provides grants in the following focus areas: Biomedical Sciences; Translational Research; Reproductive Sciences; and Population and Lab Based Sciences.

Application guidelines are available at <http://www.bwfund.org/page.php?mode=privateview&pageID=52&navID=90>.

Deadline: varies

Burroughs Wellcome Fund – Preterm Birth Initiative

This program was designed to bring together an interdisciplinary group with expertise in genetics/genomics, immunology, microbiology, proteomics, and the more traditional areas of parturition research such as maternal fetal medicine, obstetrics, and pediatrics to address scientific issues related to preterm birth. BWF anticipates making ten planning grants initially, five of which will receive full research grants of up to \$600,000 over a four-year period. Application guidelines are available at <http://www.bwfund.org/pages/363/PTBI/>. **Deadline: June 1 (letters of intent)**

Centers for Disease Control and Prevention - Support for Strengthening and Expanding Comprehensive HIV and AIDS Prevention Programs in the Republic of South Africa

CDC is seeking applications to strengthen and expand the development and implementation of comprehensive HIV and AIDS prevention programs in South Africa with a focus on behavior in order to mitigate the impact of the HIV and AIDS epidemic. Approximately \$2 million is available to support up to seven awards. Application guidelines are available [online](#). **Deadline: May 18**

CIGNA Foundation – Grant Program

The CIGNA Foundation provides grants in the following areas: women's health; obesity awareness and prevention; patient-doctor communication and health literacy; elimination of health disparities; and the connection between a healthy mind and body. Approximately \$3 million is available for awards. Application guidelines are available by contacting the [Office of Communications](#). More information is available at http://www.cigna.com/about_us/community/grant_application_details.html. **Deadline: open**

Cystic Fibrosis Foundation – Research and Training Grants

The Cystic Fibrosis Foundation supports research and training related to cystic fibrosis with studies carried out at the subcellular, cellular, animal or patient levels. Pilot and Feasibility Awards support new investigators to develop or test new hypotheses and methods; and Research Grants support the development of new information to understand etiology and pathogenesis. Application guidelines are available at <http://tinyurl.com/c5sd62>. **Deadline: September 2**

Dana Foundation – Dana Human Immunology Scholars

The Dana Foundation will support promising new investigators who are beginning careers in patient-based immunology research as Dana Scholars. To be considered for a Dana Scholar award, a candidate should be a new faculty member carrying out independent research as instructor or assistant professor. A scholar should be initiating or engaged in research in immunology that requires the study of patients or materials from patients. Each Dana Scholar will be eligible to receive up to \$225,000 in support, payable over a three-year period. Application guidelines are available at <http://fconline.foundationcenter.org/pnd/15017174/danaorg>. **Deadline: May 12**

Department of Defense – Autism Research Program

DOD provides funding for high-risk autism studies that have the potential to reveal entirely new avenues for investigation. The Autism Research Program challenges the scientific community to design high-impact, innovative research that will foster new directions and address neglected issues in the field of Autism Spectrum Disorder research. Approximately \$800,000 is available for seven awards. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available [online](#). **Deadlines: June 24 (pre-applications); July 15 (applications)**

Department of Defense – Ovarian Cancer Research Program Ovarian Cancer Academy Award

DOD is seeking applications to develop a unique, interactive virtual academy that will provide intensive mentoring, national networking, and a peer group for junior faculty. The goal of the Ovarian Cancer Academy is to develop successful, highly productive ovarian cancer researchers in a collaborative and interactive research training environment. Approximately \$6.6 million will be available for six Ovarian Cancer Academy proposals. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available [online](#). **Deadlines: May 8 (pre-applications); May 22 (applications)**

Department of Health and Human Services – Family Planning Services and General Training Grants

This program supports entities seeking to establish and operate voluntary family planning services projects. Family planning services include: clinical family planning and related preventive health services; information, education, and counseling related to family planning; and referral services. Application guidelines are available at <http://www.hhs.gov/opa/grants/index.html>. **Deadline: June 1**

Genentech, Inc. – Corporate Giving Program

Genentech's Corporate Giving Program will support health science education, patient education and advocacy, and community projects. Grant size will vary. Application guidelines are available at <http://www.gene.com/gene/about/community/overview.html>. **Deadline: open**

Gerber Foundation – Research Grants

The Gerber Foundation supports specific nutrition-related interventions to improve infant health and development from the first year to age three. Projects should have a specific nutrition focus with defined outcome parameters. Awards range from \$50,000 to \$1 million. Application guidelines are available at <http://www.gerberfoundation.org/>. **Deadline: June 1 (letters of interest)**

Human Growth Foundation – Small Grants Program for Investigation

The Human Growth Foundation supports postdoctoral research dealing with all aspects of normal and abnormal growth, including the biological, psychological, educational and dietary aspects of human growth. The Program gives special consideration to chondrodystrophies and new researchers, and for research showing strong promise for bringing new ideas into the field. Grants of \$10,000 each will be awarded. Application guidelines are available at http://www.hgfound.org/prog_smallgrants.html. **Deadline: May 15**

Robert Wood Johnson Foundation - Active Living Research and Healthy Eating Research Rapid Response Grants

Active Living Research and Health Eating Research are national programs of RWJF that support research to identify promising policy and environmental strategies for increasing physical activity, promoting healthy eating and preventing obesity. This particular call for proposals supports time-sensitive, opportunistic studies to evaluate changes in policies or environments with the potential to reach children who are at highest risk for obesity, including African-American, Latino, Native American, Asian-American and Pacific Islander children (ages 3 to 18) who live in low-income communities or communities with limited access to affordable healthy foods and/or safe opportunities for physical activity. Research studies may focus on one or both topics: physical activity (including sedentary behavior), healthy eating or both. Grants will be awarded on an ongoing basis. Application guidelines are available at <http://www.rwjf.org/applications/solicited/cfp.jsp?ID=20681>. **Deadline: July 17 (letters of intent)**

Robert Wood Johnson Foundation – Local Funding Partnerships: Peaceful Pathways: Reducing Exposure to Violence

Through this special solicitation from the Local Funding Partnerships Program, RWJF will partner with diversity-focused funders and other local grantmakers to fund projects to reduce violence in specific communities such as those defined by race, ethnicity, tribe, gender, sexual identity or rural/frontier location. Projects must be new, community-based and culturally appropriate, reflecting how language skills, significant cultural differences, education, income and discrimination affect health outcomes. Up to eight grants between \$50,000 and \$200,000 will be awarded. *Cost-sharing is required for this program. Please contact your Associate Dean if you plan to apply.* Application guidelines are available at <http://www.rwjf.org/applications/solicited/cfp.jsp?ID=20781>. **Deadline: December 31**

Robert Wood Johnson Foundation – Public Health Law Research

Under this program, RWJF seeks to build the evidence for and strengthen the use of regulatory, legal and policy solutions to improve public health. As public health practitioners, policy-makers and others consider the use of law as a tool to improve the public's health, it is important to have evidence to inform questions such as: How does law influence

health and health behavior? Which laws have the greatest impact? Can current laws be made more effective through better implementation or amendment? Approximately \$3.5 million will be awarded for two types of studies: short-term studies; and complex and comprehensive legal and public health studies. Application guidelines are available at <http://www.rwjf.org/applications/solicited/cfp.jsp?ID=20761>. **Deadline: May 19**

National Cancer Institute – Epigenetic Approaches in Cancer Epidemiology

NCI supports research to evaluate determinants of methylation patterns, risks of cancer associated with DNA methylation, and markers and modifiers of cancer risk using epidemiologic approaches in existing human population studies. The focus of this program is not on developing new methylation markers, but on utilization of existing markers. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-07-298.html>. **Deadline: June 5**

National Cancer Institute – Impact of Health Communication Strategies on Dietary Behaviors

NCI supports the development and implementation of effective communication strategies related to diet and health. Applicants are required to propose studies utilizing a communications research strategy for dietary behavior that can integrate at least two of the three primary levels: individual; community and environment; and policy within an ecological framework. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-08-239.html>. **Deadline: June 5; October 5; February 5**

National Cancer Institute – The Integrative Cancer Biology Program: Centers for Cancer Systems Biology

NCI is seeking applications to stimulate the development and application of integrative systems approaches and mathematical/computational modeling to cancer research. Approximately \$15 to \$22.5 million is available to support seven to nine awards. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-09-011.html>. **Deadline: May 18**

National Cancer Institute and National Center for Complementary and Alternative Medicine – Exploratory Grants for Behavioral Research in Cancer Control

NCI and NCCAM are seeking applications in developmental and formative behavioral research in cancer prevention and control. This program will support innovative pilot projects or feasibility studies which will facilitate the growth of research science in the cancer control continuum from a behavioral perspective. Funding is limited to \$275,000 over a two-year period, with no more than \$200,000 in a single year. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-09-130.html>. **Deadlines: June 16; October 16; February 16**

National Heart, Lung, and Blood Institute – Prematurity and Respiratory Outcomes Program

NHLBI is accepting applications to investigate the hypotheses on the molecular mechanisms that contribute to respiratory disease risk of premature newborns with the long-term goal of improving outcomes in the first year of life. The Program will consist of up to five Clinical Research Centers, a Steering Committee, and a Data Coordinating Center. Approximately \$1.5 million is available. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-10-007.html>. **Deadlines: May 4 (letters of intent); June 2 (applications)**

National Institute of Allergy and Infectious Diseases – HIV Vaccine Research and Design Program

NIAID provides funding for research to advance past the exploratory stage and address hypotheses crucial to the design of an efficacious HIV/AIDS prophylactic vaccine. Awards will range from up to \$1.5 million per year for up to five years. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PAR-09-134.html>. **Deadlines: May 22 (Letters of intent); June 13 (applications)**

National Institute of Allergy and Infectious Diseases – Population Genetics Analysis Program

NIAID is accepting proposals for research that will replicate previously identified human genotype-phenotype associations. Research will focus on the human immune response to infection by, or vaccination against, one or more of the emerging or re-emerging infectious agents. Application guidelines are available [online](#).

Deadline: July 30

National Institute of Allergy and Infectious Diseases – International Collaborations in Infectious Disease Research

NIAID is seeking applications proposing collaborative research with foreign investigators and organizations to study infectious diseases of the greatest public health significance in resource-constrained countries.

Approximately \$6.3 million is available to support five to nine awards. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-09-010.html>. **Deadlines: June 23 (letters of intent);**

July 23 (applications)

National Institute of Allergy and Infectious Diseases – Phased Innovation Award Program for AIDS Vaccine Research

NIAID is inviting applications for prophylactic vaccine research projects that are innovative, novel, may be high risk/high impact, and that exhibit the potential to advance AIDS prophylactic vaccine design or evaluation.

Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible. Application guidelines are available at

<http://grants.nih.gov/grants/guide/pa-files/PA-09-119.html>. **Deadlines: May 7; September 7; January 7**

National Institute of Allergy and Infectious Diseases, Food Allergy Initiative and Food Allergy and Anaphylaxis Network – Exploratory Investigations in Food Allergy

NIAID, FAI, and FAAN are seeking applications to support high impact, innovative exploratory and developmental investigations to determine the mechanisms of IgE-mediated food allergy and related co-morbid conditions using ex vivo studies with human specimens and studies with current or new animal models of food allergy. Approximately \$3 million per year is available to support ten to 12 awards. Application guidelines are available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-09-011.html>. **Deadlines: May 19**

(letters of intent); June 19 (applications)

National Institute of Arthritis and Musculoskeletal and Skin Diseases – Replication, Fine-Mapping and Sequencing: Follow-Up on Genome-Wide Association Studies for Arthritis and Musculoskeletal and Skin Diseases

The purpose of this program is to perform replication, fine-mapping, and sequencing studies of human genomic regions to enhance the identification of causal genes and genetic variants that influence complex diseases relevant to the NIAMS mission. Approximately \$1.5 million is available to support three to four awards per year.

Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible. Application guidelines are available at

<http://grants.nih.gov/grants/guide/pa-files/PAR-09-135.html>. **Deadlines: August 31 (letters of intent); September 29**

(applications)

National Institute of Biomedical Imaging and Bioengineering – Bioengineering Research Grant (BRG) Program

NIBIB supports basic and applied multi-disciplinary research that addresses important biological or medical research problems. Projects should apply an integrative, systems approach to develop knowledge and methods to prevent, detect, diagnose, or treat disease, or to understand health and behavior. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-07-279.html>. **Deadline:**

June 5

National Institute of Biomedical Imaging and Bioengineering – Bioengineering Research Partnerships

NIBIB supports research partnerships that integrate physical, chemical, mathematical, computational, and engineering sciences to study biology, medicine, behavior, and health. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-07-352.html>. **Deadline: June 5**

National Institute of Child Health and Human Development – Influence of Religiosity and Spirituality on Risk Behaviors

NICHHD supports research that examines mechanisms by which religious and spiritual beliefs develop and are transmitted across generations; and how these beliefs influence early sexual behaviors and alcohol or other drug use that may facilitate transmission of HIV in children and adolescents. The focus of this program is on positive and negative effects of religiosity and spirituality on health risk behaviors in children and adolescents. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants1.nih.gov/grants/guide/pa-files/PA-07-181.html>. **Deadline: June 5**

National Institute of Child Health and Human Development – Outcomes Research in Orthotics and Prosthetics

NICHHD is soliciting applications from institutions and organizations to develop, validate and evaluate a health outcome system measure for the consumers of orthotics or limb prosthetics. Applications should propose new collaborations between different disciplines that will lead to scientific advances in systems outcome research for individual consumers of orthotics or limb prosthetics. Approximately \$1 million is available for two awards. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-09-007.html>. **Deadlines: June 24 (letters of intent); July 24 (applications)**

National Institute of Child Health and Human Development – Pediatric Functional Neuroimaging Research

NICHHD plans to release a request for proposals to develop standardized BOLD fMRI and ASL methodology and software for assessing brain function longitudinally with two developmental domains in developing children with an age range between infancy and 18-years-old. Application guidelines are available [online](#). **Deadline: TBA**

National Institute of Child Health and Human Development – Reducing Risk Behaviors by Promoting Positive Youth Development

NICHHD supports research to enhance understanding of effective positive youth development programs and the mechanisms responsible for positive health and developmental outcomes. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-08-241.html>. **Deadlines: June 5; October 5; February 5**

National Institute of Child Health and Human Development – School-Based Interventions to Prevent Obesity

NICHHD provides funding for research that involves partnerships between academic institutions and school systems to develop and implement controlled, school-based intervention strategies to reduce obesity in childhood. The program encourages evaluative comparisons of different intervention strategies. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-07-180.html>. **Deadlines: June 5; October 5; February 5 (R01); June 16; October 16; February 16 (R03; R21)**

National Institute of Child Health and Human Development – Science and Ecology of Early Development

NICHD supports investigator-initiated research that will develop a comprehensive program focused on the mechanisms through which social, economic, cultural, and community-level factors, and their interactions impact the early cognitive, neurobiological, socio-emotional, and physical development of children. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-08-069.html>. **Deadlines: June 5; October 5; February 5**

National Institute of Diabetes and Digestive and Kidney Diseases – Diabetes and Digestive and Kidney Diseases Research

NIDDK supports research focused on a number of diseases characterized by chronic and disabling effects, including diabetes and other inherited errors of metabolism; diseases of the gastrointestinal tract; endocrine disorders; diseases of the blood and bone; kidney and urological diseases; and nutrition and obesity. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://www.niddk.nih.gov/fund/fund.htm>. **Deadline: June 5**

National Institute of Diabetes and Digestive and Kidney Diseases – Diabetes Research Centers

NIDDK is seeking applications for Diabetes Endocrinology Research Centers and Diabetes Research and Training Centers designed to support and enhance the national research effort in diabetes and related endocrine and metabolic diseases. Approximately \$5 million is available to support three awards. *Only one proposal per institution may be submitted. If you plan to apply, please send a white paper of no more than two pages to Gene Stein and your Associate Dean by June 2, 2009. Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-08-008.html>. **Deadlines: June 22 (letters of intent); July 15 (applications)**

National Institute of Diabetes and Digestive and Kidney Diseases – Reducing Diabetes and Obesity Related Health Disparities within Healthcare

NIDDK supports research to identify healthcare system factors leading to disparate diabetes and obesity health outcomes. Research must examine at least one of the following: healthcare professional factors; bias or discriminatory attitudes; patient factors; behavioral; cultural; education level; utilization of services; healthcare organizational factors; and community factors. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-07-388.html>. **Deadlines: June 5; October 5; February 5**

National Institute of General Medical Sciences – Evolution of Infectious Diseases

NIGMS is accepting applications for research on evolutionary principles that underlie emergence, spread, and containment of infectious disease. The areas of interest include: evolution of pathogens; evolutionary dynamics of; host-pathogen systems; and consequences of intervention strategies. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available <http://grants.nih.gov/grants/guide/pa-files/PA-07-130.html>. **Deadlines: June 5; October 5; February 5**

National Institute of General Medical Sciences – Initiative for Maximizing Student Development

NIGMS is seeking applications to establish research training programs at institutions that will increase the preparation and skills of underrepresented students in the biomedical and behavioral sciences. Approximately \$5 million per year is available for new and renewal applications. *Only one proposal per institution may be submitted. If you plan to apply, please send a white paper of no more than two pages to Gene Stein and your Associate Dean by December 1, 2009.*

Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible. Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-09-104.html>. Deadline: January 25, 2010

National Institute of General Medical Sciences – Metals in Medicine Program

NIGMS supports research bridging the areas of inorganic chemistry and medicine. The mechanisms by which organisms control transition metal ions and the roles of these metals in cellular regulation and signaling in health and disease are of principal interest to NIGMS. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible. Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-08-251.html>. Deadlines: June 5; October 5; February 5*

National Institute of General Medical Sciences – Nanoscience and Nanotechnology in Biology and Medicine

NIGMS provides funding aimed at enhancing nanoscience and nanotechnology research that will focus on the problems in biology and medicine. The program challenge is to determine the assembly instructions for a cell and to implement these instructions to generate synthetic cellular components at the nanoscale. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible. Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-08-052.html>. Deadlines: June 5; October 5; February 5*

National Institute of General Medical Sciences – Pharmacogenomics Knowledge Base

NIGMS is seeking applications for research projects to develop the Pharmacogenetics and Pharmacogenomics Knowledge Base (PharmGKB) which will serve the needs of the entire research community in pharmacogenomics. Approximately \$3 million is available for one five-year award. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible. Application guidelines are available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-10-002.html>. Deadlines: May 2 (letters of intent); June 2 (applications)*

National Institute of Mental Health – Developmental Psychopharmacology

NIMH provides funding for research to examine the impact of psychotherapeutic medications on the immature brain, with particular emphasis on mapping the precise developmental profile of physiological response to psychotropic agents used in the treatment of mental disorders in children. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible. Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-09-111.html>. Deadlines: June 5; October 5; February 5*

National Institute of Mental Health – Functional Links Between Immune System, Brain Function and Behavior

NIMH is accepting applications for research to study neuroimmune molecules and mechanisms involved in regulation of normal and pathological central nervous system function. The program goal is to bridge the gap in the understanding of how immune cells and their mediators affect brain cell development, function and behaviors related to cognition and mood. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible. Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-08-097.html>. Deadlines: June 5; October 5; February 5*

National Institute of Mental Health – Functioning of People with Mental Disorders

NIH supports research that applies methods and approaches from biobehavioral sciences to develop more useful measures for functioning across multiple domains relevant to people with disabilities associated with mental disorders. *If you intend to apply, please contact your SDSURF Development Specialist as soon as possible. Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-08-255.html>. Deadlines: June 5; October 5; February 5*

National Institute of Mental Health – Implicating Noncoding RNAs in the Genetics of Mental Disorders

NIMH provides funding for research investigating the role of microRNAs and other noncoding RNAs in the etiology of mental disorders. The data generated by this effort will contribute to disaggregation of the molecular machinery underlying mental disorders by integrating sequence specific modulators of post-transcriptional gene expression into a theoretical framework of disease pathophysiology. Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-07-370.html>. **Deadlines: June 5; October 5; February 5**

National Institute of Mental Health – Mental Health Consequences of Violence and Trauma

NIMH supports research on the etiology of psychopathology related to violence and trauma and research to advance diagnostics, treatments, services, and prevention strategies. NIMH is concerned with the psychological impact of violence and trauma from both the perspective of resilience and psychopathology. *If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-07-312.html>. **Deadlines: June 5; October 5**

National Institute of Mental Health – Psychosocial/Behavioral Interventions and Services Research in Autism

NIH provides funding in exploratory research on psychosocial and behavioral treatments for autism and innovative services research. The research should include the development of instruments to evaluate the impact of interventions on core features of autism spectrum disorders, and comorbid symptomatology. *If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants1.nih.gov/grants/guide/pa-files/PA-07-343.html>. **Deadlines: June 16; October 16; February 16**

National Institute of Mental Health – Women’s Mental Health and Sex/Gender Differences Research

NIMH is seeking applications that propose to study women's mental health and sex/gender differences in mental health. NIMH has three major areas for research emphasis related to sex and gender differences: basic and clinical neuroscience; epidemiology and risk factors; and intervention and services research. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-09-108.html>. **Deadlines: June 5; October 5; February 5**

National Institute of Mental Health and National Institute of Child Health and Human Development – Translational Research in Eating Disorders

NIMH and NICHD support translational research studies that will increase scientific understanding of the etiology, early identification, best treatment, and medical sequelae of eating disorders. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-07-285.html>. **Deadline: June 5**

National Institute of Mental Health and National Institute on Drug Abuse - Research on Rural Mental Health and Drug Abuse Disorders

NIMH and NIDA support research on mental health and drug abuse problems in rural and frontier communities that will enhance understanding of structural, cultural and individual factors that may enhance the provision and utilization of prevention and treatment services; and generate knowledge to improve organization, financing, efficiency, effectiveness, quality, and outcomes of mental health and drug abuse services for rural and frontier populations. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants1.nih.gov/grants/guide/pa-files/PA-07-103.html>. **Deadlines: June 5; October 5; February 5**

National Institute of Mental Health and Substance Abuse and Mental Health Services Administration – Reducing Mental Illness Stigma and Discrimination

NIMH and SAMHSA provide grants to assess the effectiveness of existing stigma and discrimination reduction programs and approaches. Collaborative Research Project Grants require formal collaboration between individuals, groups, or organizations with hands-on experience. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at

<http://grants.nih.gov/grants/guide/pa-files/PAR-08-040.html>. **Deadlines: June 5; October 5; February 5**

National Institute of Nursing Research – Mechanisms, Models, Measurement and Management in Pain Research

NINR supports pain research to stimulate and foster a wide range of basic, clinical, and translational studies on pain. Areas of interest include: back pain and other musculoskeletal pain; cardiovascular pain disorders; chemotherapy-induced neuropathies; fibromyalgia; headache; HIV/AIDS related pain; neuropathic pain; osteoporotic pain; burning mouth syndrome; dysphagia; pain at the end of life; and skin disorder pain. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at

<http://grants.nih.gov/grants/guide/pa-files/PA-07-282.html>. **Deadline: June 5**

National Institute of Nursing Research and National Cancer Institute – Research on Clinical Decision Making in People with or at Risk for Life-Threatening Illness

NINR and NCI are seeking applications for projects that stimulate research on the decision-making processes made by persons at risk for and those faced with life-threatening illness. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at

<http://grants.nih.gov/grants/guide/pa-files/PA-09-122.html>. **Deadlines: February 5; June 5; October 5 (R01); February 16; June 16; October 16 (R21)**

National Institute on Aging – Behavioral and Social Aging Research

NIA supports research on the aging process and the place of older people in society. The program focus is on how people change, the interrelationships between older people and social institutions, health-care systems, and on societal impact of the changing population composition. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at

<http://www.nia.nih.gov/ResearchInformation/ExtramuralPrograms/Behavioral>. **Deadline: June 5**

National Institute on Alcohol Abuse and Alcoholism – Alcohol Research Resource Awards

NIAAA supports established research resources serving the alcohol research community. Applicants must demonstrate an interest in the resource from at least three different institutions, one of which may be their home institution. Applicants are expected to ensure that reagents, technologies, and resources developed under this initiative are made widely available to the research community. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PAR-09-128.html>. **Deadlines: May 25; September 25; January 25**

National Institute on Alcohol Abuse and Alcoholism – Alcohol Use Disorders: Treatment, Services Research, and Recovery

NIAAA supports research on pharmacologic and behavioral treatments for alcohol use disorders; the organizational, financial, and management factors that facilitate or inhibit the delivery of evidence-based services for alcohol use disorders, and recovery from alcohol use disorders. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-07-066.html>. **Deadline June 5**

National Institute on Deafness and Other Communication Disorders – Translating Basic Research into Clinical Tools for Human Health

NIDCD supports research that translates basic research findings into better clinical tools for human health. Research must focus on a disease or disorder of interest to NIDCD, including hearing, balance, smell, taste, voice, and speech or language. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-08-017.html>. **Deadline: June 17**

National Institute on Drug Abuse – Behavioral Science Track Awards for Rapid Transition

NIDA is seeking small grant applications from newly independent investigators for small-scale, exploratory, or pilot research projects. The program includes all areas of behavioral research related to drug abuse. Awards of \$50,000 will be made for one year. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants1.nih.gov/grants/guide/pa-files/PA-06-541.html>. **Deadline: June 16**

National Institute on Drug Abuse - Building System Capacity for Implementing Evidence-Based Practices in Substance Abuse Treatment and Prevention

NIDA is seeking applications for research on the adoption, implementation, and sustainability of evidence-based clinical treatment practices, prevention approaches, and business practices in community-based service delivery settings. Solicitation is intended to foster collaboration between service providers and entities that directly influence their capacity to deliver such practices, including Single State Agencies, other funders, licensing and regulatory bodies, referral sources, educational entities, and other social services agencies that interact with the treatment and prevention systems. The maximum award amount is \$450,000 over three years. *Please note: submission via Grants.gov is required for this program. Please contact your SDSURF development specialist if you plan to apply.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-09-105.html>. **Deadlines: June 16; October 16; February 16**

National Institute on Drug Abuse – Neuroscience Research on Drug Abuse

NIDA provides funding in areas of neuroscience and behavioral neuroscience research that are relevant to understanding the process and mechanisms underlying drug abuse and addiction. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-07-226.html>. **Deadlines: June 5; October 5; February 5**

National Institute on Drug Abuse and National Institute of Environmental Health Sciences – Psychopharmacology of Widely Available Psychoactive Natural Products

NIDA and NIEHS support research that characterizes the chemistry, psychopharmacology, and toxicology of acute and chronic exposure to psychoactive natural products, as well as the transition in the use of these products to licit or illicit drugs of abuse. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-07-374.html>. **Deadline: June 5**

National Institutes of Health – Biobehavioral Methods to Improve Outcomes Research

NIH is accepting applications proposing to foster biobehavioral research and develop innovative research designs, methods of measurement, and data analysis techniques. Designs and methods that examine the impact of biologic and behavioral variables on individuals' health outcomes and quality of life are encouraged. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-09-125.html>. **Deadlines: June 5; October 5; February 5**

National Institutes of Health – Career Enhancement Award for Stem Cell Research

NIH is inviting applications for training and career development awards to enable investigators to appropriately use stem cells in their research. NIH encourages two types of applicants to consider applying for support: independent junior

faculty who wish to expand their research by the use of stem cells; and senior, established investigators who wish to re-direct their research, in whole or in part, to include the use of stem cells. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-09-110.html>. **Deadlines: June 12; October 12; February 12**

National Institutes of Health – Exploratory/Developmental Clinical Research Grants in Obesity

NIH is seeking applications for clinical studies that will accelerate the development of effective interventions for prevention or treatment of overweight or obesity in adults and/or children. Exploratory epidemiological research with a goal of informing translational/clinical research will also be supported. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-09-124.html>. **Deadlines: June 16; October 16; February 16**

National Institutes of Health – Geographic and Contextual Influences on Energy Balance

NIH supports hypothesis-driven projects exploring associations between the built environment, other contextual features of where people live and work, and health behaviors related to energy balance. Projects should use population level data from health surveys and other large health studies. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-08-192.html>. **Deadlines: June 5; October 5; February 5**

National Institutes of Health – Methodology and Measurement in the Behavioral and Social Sciences

Under this program, NIH supports research that will improve the quality and scientific power of data collected in the behavioral and social sciences. The program encourages addressing four general areas: research design, data collection techniques, measurement, and data analysis. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-08-212.html>. **Deadline: June 5**

National Institutes of Health and National Aeronautics and Space Administration – Biomedical Research on the International Space Station

NIH and NASA are seeking applications for biomedical research that will use the unique microgravity and radiation environment and resources of the International Space Station to test innovative hypotheses for the potential benefit of human health on Earth. Applications should propose innovative biomedical research on the molecular or cellular level that is directly relevant to the NIH mission and can be carried out on the International Space Station. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available <http://grants.nih.gov/grants/guide/pa-files/PA-09-120.html>. **Deadlines: August 31 (letters of intent); September 30 (applications)**

National Library of Medicine – Research Grants in Biomedical Informatics and Bioinformatics

The National Library of Medicine provides funding for projects that focus on understanding data, information and knowledge in the domains of health care and basic biological sciences. Award size will vary. Application guidelines are available at <http://www.nlm.nih.gov/ep/GrantResearch.html>. **Deadlines: June 5; October 5; February 5**

OneSight Research Foundation – Block Grants

The OneSight Research Foundation provides grants to research treatments and cures for vision threatening diseases and disorders with a focus on diabetic and pediatric eye diseases. Block Grants of \$5,000 to \$50,000 are available. Application guidelines are available at <http://www.onesight.org/northamerica/na/>. **Deadlines: June 30; December 31**

Christopher and Dana Reeve Foundation – Individual Research Grants

The Christopher and Dana Reeve Foundation supports senior scientists, young investigators, and postdoctoral fellows with two-year grants of up to \$75,000 for research on treating spinal cord injuries. Priorities include: strategies to promote restoration of a damaged central nervous system, evaluating efficacy of drugs and interventions, and approaches for improving concomitant functions. Application guidelines are available at <http://tinyurl.com/43mxwc>. **Deadline: June 15**

Society for the Psychological Study of Social Issues – Clara Mayo Grants for Research on Sexism, Racism, or Prejudice

The Society for the Psychological Study of Social Issues supports master's theses or pre-dissertation research on aspects of sexism, racism, or prejudice. Studies of the application of theory or the design of interventions or treatments to address these problems are encouraged. Up to four awards of \$1,000 each are made each year. Application guidelines are available at <http://tinyurl.com/dfgo7p>. **Deadline: May 8**

Christopher D. Smithers Foundation – Grant Program

The Smithers Foundation offers grants to support the prevention, educational service, and treatment and research programs in the field of alcoholism. Approximately \$700,000 is available for grants. Application guidelines are available at <http://www.smithersfoundation.org/index.htm>. **Deadline: open (letters of introduction)**

Science & Engineering

Air Force Office of Scientific Research - Research Interests of the Air Force Office of Scientific Research

AFOSR is soliciting proposals for basic research in many broad areas: Aerospace, Chemical and Material Sciences; Physics and Electronics; Mathematics, Information and Life Sciences; Discovery Challenge Thrusts; Education and Outreach Programs; Special Programs; and University Research Initiative Programs. Approximately \$200 million is available to support awards averaging \$150,000 per year that may be proposed for up to five years. The solicitation is available [online](#). **Deadline: open**

Air Force Research Laboratory – Space-Based Advanced Sensing and Protection Branch

AFRL is inviting proposals for research and development of space payload technologies including |phenomenology, advanced focal plane components and arrays, cryogenic systems, passive and active |surveillance, and protection capabilities for contemporary and future space systems. Approximately \$13.6 million is available annually. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available [online](#). **Deadline: open**

Defense Advanced Research Projects Agency – Armor Challenge

DARPA is seeking concept papers to identify promising new armor for military personnel and military vehicles. Concept papers may focus on both novel body armor designs and/or novel vehicle armor designs. Application guidelines are available [online](#). **Deadline: March 15, 2010 (Concept Papers)**

Defense Advanced Research Projects Agency – Defense Sciences Research and Technology

DARPA is accepting proposals in innovative fundamental and applied research in the following areas: Physical Sciences; Material Science; Manufacturing Science and Technology; Biology; Neuroscience; and Mathematics. Multiple awards are expected. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available [online](#). **Deadline: March 8, 2010**

Defense Advanced Research Projects Agency – Dynamic Prevention of Biofouling

DARPA provides funding to develop and demonstrate coatings and surfaces that are inherently impervious to biofouling for extended periods, especially while at zero or at low velocities, biocide-free, durable for several years, and whose effectiveness does not degrade over the life expectancy of the coating and surface. Multiple awards are expected. Application guidelines are available [online](#). **Deadline: May 11**

Defense Advanced Research Projects Agency – Gravity Anomaly for Tunnel Exposure (GATE)

DARPA is seeking proposals for prototype development of a gravity-based tunnel detection capability. The GATE Program will expand the ability to thwart both underground infiltration of secure perimeters and tactical underground operations. Multiple awards are possible. The solicitation is available [online](#). **Deadline: June 5**

Defense Advanced Research Projects Agency – Interrogative Anti-Submarine Warfare

DARPA provides funding to develop innovative solutions to dramatically close detect-to-engage timelines for Navy tactical Anti-Submarine Warfare search systems. Proposers should consider solutions that permit rapid delivery of multiple proximity sensors capable of detecting, classifying, and communicating the presence or absence of a target. Multiple awards are expected. Application guidelines are available [online](#). **Deadline: May 20**

Defense Advanced Research Projects Agency – Microsystems Technology Office-Wide Broad Agency Announcement

DARPA is seeking proposals for revolutionary research ideas in materials, devices, circuits, and mathematics to develop beyond leading edge microsystems components in areas not being addressed by ongoing Microsystems Technology Office programs or other published Broad Agency Announcement solicitations. Multiple awards are anticipated. The BAA is available [online](#). **Deadline: February 17, 2010**

Defense Advanced Research Projects Agency – Multipath Exploitation Radar

DARPA supports innovative research proposals to increase coverage over a large urban terrain by extending the tracking capabilities of existing radar sensor architectures beyond line-of-sight using both multipath energy that represents nuisance signals for current radar system and knowledge of the urban scattering surfaces. Multiple awards are possible. The solicitation is available at https://www.fbo.gov/download/cec/cec43208b39c38e1b6187efa48d39376/MER_BAA.pdf. **Deadline: May 22**

Defense Advanced Research Projects Agency – Strategic Technologies

DARPA is seeking innovative proposals for research, development, design, and testing that directly support the Strategic Technology Office in the areas of: Space and Near-Space Sensors and Systems; Strategic and Tactical Networks; Information Assurance; Counter Underground Facilities; Weapons of Mass Destruction (WMD) Defense; Small Unit Operations; Maritime Operations; and Core Strategic Technologies. Proposed research should investigate innovative approaches that enable revolutionary advances in science, devices, or systems. Application guidelines are available [online](#). **Deadline: March 10, 2010**

Department of Agriculture – Beginning Farmers and Ranchers Development Program

Under this program, USDA will provide United States farmers and ranchers the knowledge, skills and tools needed to make informed decisions for their operations. Funding is provided for the development of education, outreach, curricula, workshops, educational teams, training, and technical assistance programs. Approximately \$17.28 million is available. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://www.csrees.usda.gov/funding/rfas/bfrdp.html>. **Deadline: May 13**

Department of Agriculture – Revolving Fund Program

USDA is seeking applications to establish a lending program for eligible entities to finance pre-development costs of water or wastewater projects, or short-term small capital projects not part of the regular operation and maintenance of current water and wastewater systems. Approximately \$496,000 is available to support one award. *Please note:*

submission through [Grants.gov](#) is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible. Application guidelines are available [online](#). **Deadline: May 26**

Department of Agriculture – Smith-Lever Special Needs Program

USDA is accepting applications to support innovative extension education approaches to addressing risks, hazards and disasters. Approximately \$460,000 is available. *Please note: submission through [Grants.gov](#) is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available [online](#). **Deadline: May 26**

Department of Defense – Broad Agency Announcement

DOD supports research in the broad fields of hydraulics, dredging, coastal engineering, instrumentation, oceanography, remote sensing, geotechnical engineering, earthquake engineering, soil effects, vehicle mobility, self-contained munitions, military engineering, geophysics, pavements, protective structures, aquatic plants, water quality, dredged material, treatment of hazardous waste, wetlands, physical/mechanical/chemical properties of snow and other frozen precipitation, infrastructure and environmental issues for installations, computer science, telecommunications management, energy, facilities maintenance, materials and structures, engineering processes, environmental processes, land and heritage conservation, and ecological processes. Application guidelines are available [online](#). **Deadline: February 28, 2010**

Department of Defense – Small Business Innovation Research (SBIR) Program

The SBIR Program funds early-stage research and development at small technology companies and is designed to stimulate technological innovation; increase private sector commercialization of federal research and development; increase small business participation in federally funded research and development; and foster participation by minority and disadvantaged firms in technological innovation. Application guidelines are available at <http://www.acq.osd.mil/osbp/sbir/solicitations/index.htm>. **Deadline: June 17**

Department of Energy - Development of Supply Systems to Handle and Deliver High Tonnage Biomass Feedstocks for Cellulosic Biofuels Production

Under this program, DOE plans to stimulate the design and demonstration of a comprehensive system to handle the harvesting, collection, pre-processing, transport and storage of sufficient volumes of sustainably produced feedstocks required to achieve the rapid expansion of the commercial domestic biofuels industry. DOE is seeking applications from consortia that include at least one Original Equipment Manufacturer of industrial/agricultural equipment used in harvest, collection, pre-processing, transport and storage of lignocellulosic feedstocks, along with partners such as universities. Applicants must secure licensing, use, and/or manufacturing rights for any equipment or components used in the proposed comprehensive system. Approximately \$15 million is available to support three awards. Application guidelines are available [online](#). **Deadline: May 18**

Department of Energy - Innovative and Advanced Technologies and Protocols for Monitoring/ Verification/Accounting (MVA), Simulation, and Risk Assessment of Carbon Dioxide (CO₂) Sequestration in Geologic Formations

DOE will fund research that addresses key challenges with the integration of MVA, Simulation, and Risk Assessment of CO₂ sequestration in geologic formations. Award size will vary. *Cost-sharing is required for this program. Please contact your Associate Dean if you plan to apply.* The solicitation is available [online](#). **Deadline: May 12**

Environmental Protection Agency and Department of Agriculture – Enhancing Ecosystem Services from Agricultural Lands: Management, Quantification, and Developing Decision Support Tools

EPA and USDA are seeking applications for research on the ecosystem services provided by agricultural lands. Ecosystem services are the goods and services derived from natural and managed ecosystems upon which human welfare depends. Approximately two EPA awards are anticipated with an estimated total funding level of \$1 million. Approximately seven USDA awards are anticipated with an estimated funding level of approximately \$3.5 million. *Please note: submission through [Grants.gov](#) is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available [online](#). **Deadline: May 26**

Environmental Protection Agency – Understanding the Role of Nonchemical Stressors and Developing Analytic Methods for Cumulative Risk Assessments

EPA is seeking applications from interdisciplinary teams to address research needs that currently limit the ability to conduct cumulative risk assessments. The cumulative risk assessments should include both chemical and nonchemical stressors, exposures from multiple routes, and factors that differentially affect exposure or toxicity to communities. Approximately \$8 million is available to support nine awards. Application guidelines are available at http://es.epa.gov/ncer/rfa/2009/2009_star_cumulative_risk.html. **Deadline: June 17**

Environmental Protection Agency – Small Business Innovation Research (SBIR)

EPA is accepting proposals for feasibility-related experimental research or research and development efforts on the following agency topics: A) Green Building Materials and Systems; B) Innovation in Manufacturing; C) Nanotechnology; D) Greenhouse Gases; E) Drinking Water and Water Monitoring; F) Water Infrastructure; G) Air Pollution; H) Biofuels and Vehicle Emissions Reduction; I) Waste Management; and J) Homeland Security. Twenty-five awards are expected. The solicitation is available [online](#). *Small businesses are eligible, but universities may partner.* **Deadline: May 14**

Federal Transit Administration - Broad Agency Announcement for Innovative Small Research Projects to Advance Public Participation Related to Public Transportation Planning

FTA is seeking applications for applied research in the area of public participation as it relates to the planning of public transportation projects and programs. The purpose of the program is to support the research and development of innovative approaches to enhance the quality and level of public participation in public transportation planning. Approximately \$750,000 is available to support six to ten awards. The BAA is available [online](#). **Deadline: May 8**

U. S. Geological Survey – 2010 National Earthquake Hazards Reduction Program

The purpose of this program is to: provide products for earthquake loss reduction; carry out research on earthquake occurrence and effects; and provide earthquake safety policy. Approximately \$7 million is available to support 70-100 new awards. The majority of grants will range between \$15,000 and \$75,000. Application guidelines are available [online](#). **Deadline: May 13**

Intelligence Advanced Research Projects Activity – IARPA - Broad Agency Announcement

IARPA supports research programs that have the potential to provide the United States overwhelming intelligence advantage over our future adversaries. This announcement seeks research ideas for topics not addressed by ongoing IARPA programs or other published IARPA solicitations. Multiple awards are anticipated. Application guidelines are available [online](#). **Deadline: August 31 (abstracts and proposals)**

Intelligence Advanced Research Projects Activity and Army Research Office – Advanced Materials and Fabrication for Coherent Superconducting Qubits Program

IARPA and ARO are seeking proposals to develop fundamental understanding into defects in superconducting qubits; develop means to characterize defects; develop advanced materials, constructions and fabrication methods to eliminate these defects; and subsequently demonstrate substantially extended coherence times in superconducting qubits fabricated from the foregoing developments. Multiple awards are anticipated. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available [online](#). **Deadline: July 31**

National Aeronautics and Space Administration – Glory Science Team

NASA will fund research on aerosol forcing on climate change. The measurements produced by this mission and the scientific knowledge such observations will provide are essential to predicting future climate change and to making sound, scientifically based economic and policy decisions related to environmental change. Approximately \$3 million is available to support 15 awards. Application guidelines are available [online](#). **Deadline: June 1**

National Institute of Standards and Technology – Measurement Science and Engineering Research Grants Programs

Under the Measurement Science and Engineering Program, NIST is seeking applications for the following programs: Electronics and Electrical Engineering Laboratory Grants Program; Manufacturing Engineering Laboratory Grants Program; the Chemical Science and Technology Laboratory Grants Program; Physics Laboratory Grants Program; Materials Science and Engineering Laboratory Grants Program; Building Research Grants and Cooperative Agreements Program; Fire Research Grants Program; Information Technology Laboratory Grants Program; NIST Center for Neutron Research Grants Program; and Center for Nanoscale Science and Technology Grants Program. Application guidelines are available [online](#). **Deadline: June 1**

National Science Foundation – Antarctic Research

NSF supports analytical research and field work in Antarctica to expand fundamental knowledge of Antarctica, to foster research on global and regional problems of current scientific importance, and to use Antarctica as a platform from which to support research in the following areas: Aeronomy and Astrophysics, Organisms and Ecosystems, Earth Sciences, Ocean and Atmospheric Sciences, Glaciology, and Integrated System Science. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5519. **Deadline: June 8**

National Science Foundation – Biological Research Collections

NSF is seeking proposals for biological collection enhancement, computerization of specimen-related data, research to develop better methods for specimen curation and collection management, and activities such as symposia and workshops to investigate support and management of biological collections. Approximately \$6 million is available to support 20 to 25 awards annually. *The maximum award amount is \$500,000. Please note: only one proposal per institution will be accepted. If you would like to submit a proposal, please send a white paper of no more than two pages to your Associate Dean and Gene Stein by **June 15, 2009**.* Application guidelines are available at http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf06569. **Deadline: July 24**

National Science Foundation – Biomolecular Systems Cluster

NSF supports proposals that focus on the structure, function, dynamics, interactions, and interconversions of biological molecules. The context for such studies can range from investigations of individual macromolecules to the large-scale integration of metabolic and energetic processes. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12771. **Deadlines: July 12; January 12**

National Science Foundation – Cellular Systems Cluster

NSF provides funding for research focusing on the structure, function, and regulation of plant, animal and microbial cells, and their interactions with the environment and with one another. Areas supported include studies of the structure, function, and assembly of cellular elements, such as the cytoskeleton, membranes, organelles, intracellular compartments, intranuclear structures, and extracellular matrix, including eukaryotic and prokaryotic cell walls and envelopes. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12772. **Deadlines: July 12; January 12**

National Science Foundation – Chemistry Research Instrumentation and Facilities: Multi-User Instrumentation

NSF provides funds to universities, colleges, and consortia for the purchase of multi-user instruments. The maximum request is \$500,000 for instrumentation, *but* additional funds may be requested for personnel who are needed to support cyber-enhanced projects. *Please note: only two proposals per institution will be accepted. If two are submitted at least one must involve cyberinfrastructure. If you would like to submit a proposal, please send a white paper of no more than two pages to your Associate Dean and Gene Stein by **May 15, 2009**.* Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13579. **Deadline: June 22**

National Science Foundation – Cognitive Neuroscience

NSF is seeking innovative and interdisciplinary proposals aimed at advancing a rigorous understanding of how the human brain supports thought, perception, affect, action, social processes, and other aspects of cognition and behavior, including how such processes develop and change in the brain and through time. Approximately \$5 million is available to support 15 to 40 awards annually. Application guidelines are available at http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf06557. **Deadline: July 14**

National Science Foundation - Computational Mathematics

NSF is seeking proposals in mathematical research in areas of science where computing plays a central and essential role; emphasizes algorithms design, numerical methods and their analysis, and symbolic methods. Award size varies. The solicitation is available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5390. **Deadline: December 15**

National Science Foundation – Computer and Communication Foundations (CCF): Core Programs

NSF will fund research and education projects that develop new knowledge in three core programs: Algorithmic Foundations; Communications and Information Foundations; and Software and Hardware Foundations. Proposers are invited to submit proposals in three project classes: Small Projects of up to \$500,000 for up to three years; Medium Projects ranging from \$500,001 to \$1,200,000 for up to four years; and Large Projects of \$1,200,001 to \$3,000,000 for up to five years. Application guidelines are available at <http://www.nsf.gov/pubs/2008/nsf08577/nsf08577.htm>. **Deadlines: August 30 (Medium Projects); November 28 (Large Projects); December 17 (Small Projects)**

National Science Foundation – Computer and Network Systems (CNS): Core Programs

NSF supports research and education projects that develop new knowledge in two core programs: The Computer Systems Research (CSR); and Networking Technology and Systems (NeTS). Proposers are invited to submit proposals in three project classes: Small Projects of up to \$500,000 for up to three years; Medium Projects of \$500,001 to \$1,200,000 for up to four years; and Large Projects of \$1,200,001 to \$3,000,000 for up to five years. Application guidelines are available at <http://www.nsf.gov/pubs/2008/nsf08576/nsf08576.htm>. **Deadlines: August 30 (Medium Projects); November 20 (Large Projects); December 17 (Small Projects)**

National Science Foundation – Cooperative Studies of Earth’s Deep Interior

NSF is seeking proposals for collaborative, interdisciplinary studies of the Earth's interior within a community-based framework. Funding will support basic research on the character and dynamics of the Earth's mantle and core, their influence on the evolution of Earth as a whole, and processes operating within the deep interior that affect or are expressed on Earth's surface. Approximately \$2 million is available to support five to 10 awards annually. Application guidelines are available at http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf06578. **Deadline: September 25**

National Science Foundation - Decision Making Under Uncertainty Collaborative Groups

This program supports collaborative teams of researchers who will advance the understanding of decision making under uncertainty for climate change and related long-term environmental risks. The focus of these collaborative groups will be to: generate new knowledge, information, and tools that decision makers will find useful to help them incorporate climate change and related long-term environmental risks in their decision making; provide new knowledge about how public officials, firms in the private sector, other groups, and/or individuals can incorporate existing knowledge about climate change and related long-term environmental risks into their decisions; and enhance basic understanding within and across the social and behavioral sciences as well as related science and engineering disciplines. \$5 million is available for four to five collaborative groups. The solicitation is available at http://www.nsf.gov/pubs/2009/nsf09544/nsf09544.htm?govDel=USNSF_25. **Deadline: July 14**

National Science Foundation – Earthscope

The EarthScope Program provides a framework for studies across the Earth sciences, including research on fault properties and the earthquake process, strain transfer, magmatic and hydrous fluids in the crust and mantle, plate

boundary processes, large-scale continental deformation, continental structure and evolution, and composition and structure of the deep-Earth. \$12 million is available for 15 to 25 awards. Application guidelines are available at <http://www.nsf.gov/pubs/2009/nsf09535/nsf09535.html?govDel=USNSF> 25. **Deadline: July 16**

National Science Foundation – Education and Interdisciplinary Research

NSF provides funding for activities that seek to improve the education and training of physics students (both undergraduate and graduate), such as curriculum development for upper-level physics courses, and activities that are not included in specific programs elsewhere within NSF. The program supports research at the interface between physics and other disciplines and extending to emerging areas. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5610. **Deadline: September 30**

National Science Foundation – Energy for Sustainability

NSF is seeking proposals for fundamental research and education in energy production, conversion, and storage, with a focus on energy sources that are environmentally friendly and renewable. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501026. **Deadlines: May 2; September 15**

National Science Foundation – Enhancing the Math Sciences Workforce in the 21st Century

NSF supports increases to the number of well-prepared United States citizens, nationals, and permanent residents who pursue careers in math sciences. Vertical Integration of Research and Education (VIGRE) activities involve entire departments and span the spectrum of higher education levels; Research Training Groups (RTG) support the training of a group of faculty who have a common research interest; and Mentoring through Critical Transition Points (MCTP) focuses on specified stages in professional development of a larger group of faculty. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5732. **Deadline: June 2**

National Science Foundation – Expeditions in Computing

NSF is accepting proposals for research agendas that promise to define the future of computing and information. In planning Expeditions, investigators are encouraged to come together within or across departments or institutions to combine their creative talents in the identification of compelling, transformative research agendas that promise disruptive innovations in computing and information. Three awards are expected annually. The maximum award amount is \$2 million per year for five years. Application guidelines are available at http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf08568. **Deadlines: September 10 (preliminary proposals); February 10 (full proposals)**

National Science Foundation – Focused Research Groups in the Mathematical Sciences

NSF is accepting proposals for groups of researchers to prepare for scientific developments in the mathematical sciences. Groups may include mathematical scientists and researchers from other science and engineering disciplines appropriate to the proposed research. Approximately \$12 million is available to support ten to 15 awards annually. Application guidelines are available at http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf06580. **Deadlines: August 21 (letters of intent); September 18 (proposals)**

National Science Foundation – Genes and Genome Systems Cluster

NSF supports proposals focusing on genomes and genetic mechanisms in all organisms, prokaryote, eukaryote, phage, or virus. Areas of interest include: genome organization; molecular and cellular evolution; replication; recombination; repair; and vertical and lateral transmission of heritable information. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12780. **Deadlines: July 12; January 12**

National Science Foundation – Geography and Spatial Sciences

NSF will sponsor research on the geographic distributions and interactions of human, physical, and biotic systems on the Earth's surface. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5410. **Deadlines: August 15; January 15**

National Science Foundation - Geomechanics and Geomaterials

This program provides support for fundamental research on the mechanics and engineering properties of geologic materials including the mechanical properties of soil and rock, mechanically stabilized and biologically modified soil, and on natural processes, such as hydraulic, biological and thermal, that affect the behavior of these materials. The solicitation is available at

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13350. **Deadlines: October 1; February 15**

National Science Foundation – Geomorphology and Land Use Dynamics

NSF provides funding for research on processes that shape and modify landscapes over a variety of length and time scales. The program encourages research that investigates the coupling and feedback among such processes, their rates, and their relative roles, especially in the contexts of variation in climatic and tectonic influences and in light of changes due to human impact. Approximately \$3 million is available annually for 15 to 25 awards. Application guidelines are available at <http://www.nsf.gov/pubs/2009/nsf09537/nsf09537.htm>.

Deadlines: July 16; January 16

National Science Foundation – Geophysics Program

NSF supports basic research in the physics of the solid earth to explore its composition, structure, and processes. Topics of interest include: seismicity, seismic wave propagation, and the nature and occurrence of earthquakes; the earth's magnetic, gravity, and electrical fields; the earth's thermal structure; and geodynamics. The program will also fund research of geophysical studies of active deformation, including geodesy, and studies of the properties and behavior of earth materials in support of geophysical observation and theory. \$14.6 million is available for 70 to 80 awards. The solicitation is available at

http://www.nsf.gov/pubs/2009/nsf09539/nsf09539.htm?govDel=USNSF_25. **Deadlines: June 5; December 8**

National Science Foundation - Hazard Mitigation and Structural Engineering

NSF will support research on the design and performance of structural systems and on new technologies for improving the behavior, safety, and reliability of structural systems and their resistance to natural hazards such as earthquakes and technological hazards. The solicitation is available at

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13358&org=CMML&from=home. **Deadlines: October 1; February 15**

National Science Foundation – Hydrologic Sciences

This program supports research on the flow of water and transport processes within streams, soils, and aquifers. Of particular interest is spatial and temporal heterogeneity of fluxes and storages of water, particles, and chemicals coupling across interfaces with the landscape, microbial communities, and coastal environments; and upscaling and downscaling given these heterogeneities and interfaces and how these processes are altered by climate and land use changes. \$7.9 million is available for 30 to 40 awards. Application guidelines are available at

http://www.nsf.gov/pubs/2009/nsf09538/nsf09538.htm?govDel=USNSF_25. **Deadlines: June 1; December 5**

National Science Foundation – Information and Intelligent Systems (IIS): Core Programs

NSF supports research and education projects that develop new knowledge in three core programs: Human-Centered Computing; Information Integration and Informatics; and Robust Intelligence. Proposers are invited to submit proposals in three project classes: Small Projects of \$500,000 for up to three years; Medium Projects of \$500,001 to \$1,200,000 for up to four years; and Large Projects of \$1,200,001 to \$3,000,000 for up to five years. Applications guidelines are available at <http://www.nsf.gov/pubs/2008/nsf08575/nsf08575.htm>. **Deadlines: August 30 (Medium Projects); November 28 (Large Projects); December 17 (Small Projects)**

National Science Foundation - Manufacturing Enterprise Systems

This program will support research on design, planning, and control of operations in manufacturing enterprises. Research that impacts the analytical and computational techniques relevant to extended enterprise operations and that offer the prospect of implementable solutions will be supported. Award size will vary. The solicitation is available at

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13342. **Deadlines: October 1; February 15**

National Science Foundation – Marine Geology and Geophysics

NSF supports research on all aspects of geology and geophysics of the ocean basins and margins, as well as the Great Lakes. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11726. **Deadlines: August 15; February 15**

National Science Foundation - Materials and Surface Engineering

NSF is seeking proposals for research leading to a better understanding of the effect of microstructure, surfaces and coatings on the properties and performance of engineering materials, and the ultimate control of these properties through material design. The solicitation is available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13356. **Deadlines: October 1; February 15**

National Science Foundation - NanoManufacturing

NSF will fund research and education projects involving manufacturing at the nanoscale, and the transfer of research results in nanoscience and nanotechnology to industrial proposals. Award size will vary. The solicitation is available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13347. **Deadlines: October 1; February 15**

National Science Foundation – NSF Graduate STEM Fellows in K-12 Education (GK-12)

This program provides funding for graduate students in NSF-supported science, technology, engineering, and mathematics (STEM) disciplines to bring research practice and findings into K-12 learning settings. The purpose of the program is to: provide an opportunity for graduate students to acquire value-added skills, such as communicating STEM subjects to technical and non-technical audiences, leadership, team building, and teaching; add value to the training of U.S. graduate students and energize and prepare the students for a broad range of STEM careers in a competitive globalized marketplace; and provide institutions of higher education with an opportunity to transform the conventional graduate education by infusing and sustaining GK-12 activities in their graduate programs. 20-25 new projects will be awarded up to \$600,000 per year for five years. *Only one proposal per institution will be accepted. If you would like to submit a proposal, please send a white paper of no more than two pages to your Associate Dean and Gene Stein by **May 19, 2009**.* The solicitation is available at http://www.nsf.gov/pubs/2009/nsf09549/nsf09549.htm?govDel=USNSF_25. **Deadlines: May 19 (letters of intent); June 29 (proposals)**

National Science Foundation - Nuclear Physics

This program supports research at the frontiers of nuclear science, including properties and behavior of nuclei and nuclear matter under extreme conditions, and/or as they relate to astrophysical phenomena; the quark-gluon basis for the structure and dynamics of nuclear matter; phase transitions of nuclear matter from normal nuclear density and temperature to the predicted high-temperature quark-gluon plasma; and basic interactions and fundamental symmetries. The solicitation is available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5627&org=PHY&from=home. **Deadline: September 30**

National Science Foundation - Ocean Technology and Interdisciplinary Coordination

NSF is accepting proposals for a broad range of research and technology development activities. Proposals are accepted for instrumentation development that has broad applicability to ocean science research projects and that enhance observational, experimental or analytical capabilities of the ocean science research community. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12724. **Deadlines: August 15; February 15**

National Science Foundation – Operations Research

This program supports research leading to advances in the science of models and algorithms that are applicable to the operation and optimization of large-scale systems. The solicitation is available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13341. **Deadlines: October 1; February 15**

National Science Foundation - Physics of Living Systems

This program offers funding for projects that cover a broad spectrum of physics approaches in biology, ranging from the physical principles and mechanisms at the single cell level such as cellular organization, energy metabolism, gene regulation and intracellular and intercellular communication, to collective behavior and evolution of complexity in life forms and living populations of organisms. Approximately \$2 million dollars is available for ten awards. The solicitation is available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=6673. **Deadline: July 31**

National Science Foundation – Research Coordination Networks in Biological Sciences

Under this program, NSF supports investigators communicating and coordinating their research, training, and educational activities across disciplinary, organizational, institutional, and geographical boundaries. Projects may focus on a broad research question, a specific group of organisms, or particular technologies or approaches. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11691. **Deadline: June 30**

National Science Foundation - Research Experiences for Teachers (RET) in Engineering

NSF is seeking proposals to help build long-term collaborative partnerships between K-12 science, technology, engineering, and mathematics (STEM) teachers, community college faculty, and the NSF university research community by involving the teachers in engineering research and helping them translate their research experiences and new knowledge of engineering into classroom activities. Partnerships with inner city schools or other high need schools are especially encouraged. Five awards are expected annually. The maximum award amount for RET Sites is \$500,000 over three years; and the maximum award amount for supplements is \$10,000 per teacher over one year. *Please note: two proposals per institution will be accepted. If you would like to submit a proposal, please send a white paper of no more than two pages to your Associate Dean and Gene Stein by **September 25, 2009**.* The solicitation is available at http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07557. **Deadline: November 16**

National Science Foundation – Research Experiences for Undergraduates

This program supports active research participation by undergraduate students in any research area under two mechanisms: REU Sites support independent projects to initiate and conduct research projects involving a number of undergraduates; and REU Supplements support the addition of undergraduates to ongoing, new, or renewal NSF-funded projects. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517. **Deadline: June 5**

National Science Foundation - Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)

NSF is seeking proposals to increase the number of students (U.S. citizens or permanent residents) receiving associate or baccalaureate degrees in established or emerging fields within science, technology, engineering, and mathematics (STEM). Type 1 projects provide for full implementation efforts at academic institutions; and Type 2 projects support educational research projects on associate or baccalaureate degree attainment in STEM. Approximately \$26 million is available to support 15 to 20 Type 1 awards and one to three Type 2 awards annually. *Please note: only one Type 1 proposal per four-year institution as the lead OR collaborator will be accepted. If you would like to submit a proposal, please send a white paper of no more than two pages to your Associate Dean and Gene Stein by **August 18, 2009**.* The solicitation is available at http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf08569. **Deadlines: August 18 (optional letters of intent); September 29 (proposals)**

National Science Foundation - Sensors and Sensing Systems

NSF is accepting proposals for research on methods to acquire and use sensor data on civil, mechanical, and manufacturing systems. The program supports fundamental research on advanced actuators, sensors, wireless sensor networks, new materials and concepts for sensing applications, power generation and energy supply for sensors and sensing systems. Award size will vary. The solicitation is available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13349&org=CMML&from=home. **Deadlines: October 1; February 15**

National Science Foundation - Small Business Innovation Research Program (SBIR)

The purpose of the SBIR Program is to stimulate technological innovation in the private sector by strengthening the role of small business concerns in meeting Federal research and development needs, increasing the commercial application of federally supported research results, and fostering and encouraging participation by socially and economically disadvantaged and women-owned small businesses. Topics of interest include: Biotech and Chemical Technologies; Education Applications; Information and Communication Technologies; and Nanotechnology, Advanced Materials, and Manufacturing. *Eligibility is limited to small businesses, but opportunities for partnerships exist.* The solicitation is available at http://www.nsf.gov/pubs/2009/nsf09541/nsf09541.htm?govDel=USNSF_25. **Deadline: June 9**

National Science Foundation – Solar, Heliospheric, and Interplanetary Environment

NSF is seeking proposals for research to promote an enhanced understanding of the processes by which energy in the form of magnetic fields and particles are produced by the Sun and accelerated in interplanetary space and on the mechanisms by which these fields and particles are transported to Earth through the inner heliosphere. Approximately \$2 million is available to support six to eight awards annually. The maximum award amount is \$200,000 per year for five years. The solicitation is available at http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf04585. **Deadline: August 19**

National Science Foundation - Structural Materials and Mechanics

NSF is seeking proposals for research on the behavior of civil infrastructure materials and the mechanics of structural components in the built environment. Of particular interest is research on structural components consisting of natural and synthetic materials, their response to mechanical, hydrothermal and time-dependent loads, and their impact on life-cycle performance and sustainable development of the civil infrastructure. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13357. **Deadlines: October 1; February 15**

National Science Foundation – Undergraduate Research and Mentoring in the Biological Sciences

This program supports innovative programs that engage undergraduates in a year-round research and mentoring activity to increase the number and diversity of individuals pursuing graduate studies in all areas of biological research supported by the NSF Directorate for Biological Sciences. Approximately \$4 million is available to support eight awards. Application guidelines are available at http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf06591. **Deadlines: September 15 (preliminary proposals); March 2, 2010 (full proposals)**

National Science Foundation – University-Industry Cooperative Research Programs in Math Sciences

NSF supports opportunities for mathematical scientists to have the experience of conducting research in an industrial environment and for industrial scientists to return periodically to academia, to acquire new knowledge, and to move it efficiently into technology. Four types of awards are available: university-industry postdoctoral research fellowships; university-industry senior research fellowships; industry-based graduate research assistantships; and industry-based graduate cooperative fellowships. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=156. **Deadline: June 2**

National Science Foundation – Workforce Program in the Mathematical Sciences

NSF will fund workforce research in three areas: recruitment and retention to increase number and diversity of United States students who successfully pursue undergraduate and graduate degrees in math and statistics; educational breadth to broaden graduate and undergraduate education content in the mathematical sciences to prepare students for a wider range of career opportunities; and professional development. Application guidelines are available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503233. **Deadline: June 15**

U.S. Navy - Research on Edge Organizations in the Context of Network-Centric Operations

The U.S. Navy is seeking proposals for the following: Edge Organizations; Near-Optimizing Knowledge and Power Flows; Infrastructure Enhancement; Exploring and Exploiting Intercultural Knowledge Flows and Organizational Forms; and Emerging Research. The solicitation is available at <http://www.nps.edu/research/Documents/BAA-09-001.pdf>. **Deadline: February 28, 2010**

Office of Naval Research – Long Range Broad Agency Announcement for Navy and Marine Corps Science and Technology

ONR is seeking applications for basic research, applied research and advanced technology development in Long-Range Science and Technology, which offer potential for the advancement and improvement of Navy and Marine Corps operations. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available at <http://www07.grants.gov/search/search.do;jsessionid=1qdCJBvBBTfGL3BLv4Z9>.

Deadline: September 30

San Diego Unified Port District - Environmental Fund 2009

The San Diego Unified Port District is seeking proposals for environmental programs to benefit San Diego Bay, including projects that will focus on environmental education, natural resources, environmental research, air quality, habitat restoration and protection, energy conservation, sediment quality, water quality, stormwater management, watershed management, endangered species, and research on the Bay's physical, biological or chemical processes and structures. \$1 million is available, and awards will begin at \$10,000. *Cost-sharing is required for this program. Please contact your Associate Dean if you plan to apply.* Application guidelines are available at <http://www.portofsandiego.org/environment/committee/912-request-for-proposals-rfp.html>.

Deadline: May 4

International

U.S. Agency for International Development – African Urban Poor – Improved Water and Sanitation

This program will fund projects geared towards improving water and sanitation in Asia, the Near East, Eastern Europe and Eurasia. Approximately \$4.5 million will be available. *Please note: submission through Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible.* Application guidelines are available [online](#). **Deadline: June 1**

Canadian Embassy – Conference Grant Programs

The Canadian Embassy supports conferences that address important and timely issues about Canada, its relationship with the United States, and its international affairs. The grant is designed to assist an institution in holding a conference and publishing the resulting papers and proceedings in a scholarly fashion. Application guidelines are available at <http://tinyurl.com/bgmm6l>. **Deadline: June 30**

Canadian Embassy – Program Enhancement Grant

The Canadian Embassy provides grants to United States to further the development of Canadian Studies Programs on campuses. Allowable activities include travel, honoraria, materials, printing, computer time, and publishing fees, as well as faculty and course development and membership fees for the Association for Canadian Studies in the U.S. Grants range up to \$18,000 per year. Application guidelines are available at <http://tinyurl.com/bgmm6l>. **Deadline: June 15**

Centers for Disease Control and Prevention - Support for Strengthening and Expanding Comprehensive HIV and AIDS Prevention Programs in the Republic of South Africa

CDC is seeking applications to strengthen and expand the development and implementation of comprehensive HIV and AIDS prevention programs in South Africa with a focus on behavior in order to mitigate the impact of the HIV and AIDS epidemic. Approximately \$2 million is available to support up to seven awards. Application guidelines are available [online](#). **Deadline: May 18**

National Institute of Allergy and Infectious Diseases – International Collaborations in Infectious Disease Research

NIAID is seeking applications proposing collaborative research with foreign investigators and organizations to study infectious diseases of the greatest public health significance in resource-constrained countries. Approximately \$6.3 million is available to support five to nine awards. *Please note: submission through*

Grants.gov is required for this program. If you intend to apply, please contact your SDSURF Development Specialist as soon as possible. Application guidelines are available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-09-010.html>. Deadlines: June 23 (letters of intent); July 23 (applications)

National Science Foundation – Antarctic Research

The purpose of this program is to expand fundamental knowledge of the Antarctic region, to foster research on global and regional problems of current scientific importance, and to use Antarctica as a platform from which to support research. The program provides support for field work only when justification exists for doing the work in Antarctica. The program also supports Antarctic-related analytical research performed at home organizations. \$20 million is available for 50 awards. The solicitation is available at http://www.nsf.gov/pubs/2009/nsf09536/nsf09536.htm?govDel=USNSF_25. **Deadline: June 8**

North Atlantic Treaty Organization – Collaborative Linkage Grants

This program supports research collaborations between scientists in NATO countries and NATO's Partner countries of the Euro-Atlantic Partnership Council or scientists of the Mediterranean Dialogue countries. Projects must address key priorities in the areas of: Defense Against Terrorism; or Countering Other Threats to Security. Grants cover travel and living expenses of investigators where basic costs will be covered by national funding. Application guidelines are available at http://www.nato.int/science/nato_funded_activities/grant_mechanisms/clg. **Deadline: June 1**

(Continued)

Awards Received March 1 through March 31, 2009

College of Arts & Letters

Geography

Dr. John Weeks

National Institute of Child Health and Human Development: "Health, Poverty and Place: Modeling Inequalities in Accra," \$29,658

College of Education

Policy Studies in Language and Cross-Cultural Education

Dr. Karen Cadiero-Kaplan

California Department of Education: "Even Start Program: Project ACCESS (Kimbrough and Edison Elementary Schools)," \$5,700

College of Engineering

Electrical and Computer Engineering

Dr. Yusuf Ozturk

Nokia: "Mobile Developer Days San Diego Workshop," \$6,876

Mechanical Engineering

Dr. Randall German

National Science Foundation: "Workshop for Scientific Issues on Medical Applications of Micro/Nano Powder Injection Molding-Molding, Sintering, Modeling, and Commercial Applications," \$33,030

College of Health & Human Services

Graduate School of Public Health

Dr. Guadalupe Ayala

American Cancer Society: "Latino Mothers as Primary Agents of Change in a Healthy Lifestyle Parenting Intervention," \$318,137

Dr. John Elder

National Institute of Diabetes, Digestive and Kidney Diseases: "Obesity Prevention and Control in Community Recreation Centers," \$71,125

Ms. Susan Hedges

Jewish Family Service of San Diego: "First 5 for Parents - Year 3," \$51,170

Dr. Melbourne Hovell

National Cancer Institute: "Clinician Promotion of Healthy Diet and Activity to Reduce Obesity Among Adolescents," \$778,419

Dr. Suzanne Lindsay

Susan G. Komen Breast Cancer Foundation: "Clinical Breast Exam Training Support," \$5,000; \$1,320

School of Social Work

Mr. Michael Eichler

Price Charities: "Price Community Builders Program," \$9,236; \$9,271

School of Speech, Language and Hearing Sciences

Dr. Karen Emmorey

National Institute on Deafness and Other Communication Disorders: "Neural Systems Underlying Sign Language Production," \$42,285

College of Sciences

Biology

Dr. Marshal Hedin

National Science Foundation: "Collaborative Research: Phylogeny of Leiobunine Harvestman (Opiliones) of Eastern North America and Phylogeny-based Tests of Sexually Antagonistic Coevolution," \$32,980

Dr. Kevin Hovel

San Diego Unified Port District: "Movement and Population Size of Spiny Lobsters in San Diego Bay," \$90,000

Dr. Leroy McClenaghan and Mr. Thomas Zink

U.S. Navy: "Native Seed Collection, Propagation, Site Selection Outplanting, and Maintenance and Erosion Control and Habitat Restoration INRMP Implementation," \$240,939

Computer Science**Dr. Marko Vuskovic**

New York University School of Medicine: "Biomarker Study of Lung Cancer and AIDS Associated Malignancies," \$17,343

Geological Sciences**Dr. George Jiracek**

National Science Foundation: "U.S. Electromagnetic Geophysics Community Workshop," \$20,000

Mathematics and Statistics**Dr. C.D. Lin**

Grossmont Union High School District: "Creation of Regression Models for Teacher Performance Evaluation Adjusting for Students' Variability- Phase I," \$4,500

Physics**Dr. Milton Torikachvili**

National Science Foundation: "Hydrostatic Pressure Studies of Intermetallic Phosphide, Antimonide, and Germanide Compounds," \$173,680

Psychology**Dr. Elizabeth Klonoff and Dr. Stanley Maloy**

National Cancer Institute: "Comprehensive SDSU/UCSD Cancer Center Partnership," \$1,392,737

Dr. Claire Murphy

National Institute on Aging: "Chemosensory Perception and Psychophysics in the Aged," \$306,475

SDSU Research Foundation**Sponsored Research Services****Mr. W. Timothy Hushen**

Science Applications International Corporation: "Student Services: Effects of Thermal and Exercise Stress on Human Performance," \$26,420

Interdisciplinary Programs**Dr. Faramarz Valafar (Computer Science) and Dr. Thomas Scott (Graduate & Research Affairs)**

California State University Foundation: "Advancing Professional Science Master's Programs in the California State University System," \$464,602

Dr. Jose Castillo (Math & Statistics), Dr. Paul Paolini (Biology), and Dr. Satchi Venkataraman (Aerospace Engineering)

National Science Foundation: "Undergraduate Student Scholarships for Participation in Interdisciplinary Computational Science and Engineering Research," \$6,973

Dr. Donna Beshgetoor (Exercise & Nutritional Sciences) and Dr. P.J.E. Quintana (Graduate School of Public Health)

California Department of Public Health: "Women, Infants and Children Supplemental Nutrition Program," \$25,300