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**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](mailto:jseal@foundation.sdsu.edu).

## Notices

### American Recovery and Reinvestment Act (ARRA): What Does it Mean for Research & Development?

#### American Recovery and Reinvestment Act (ARRA): What Does it Mean for Research & Development?

On February 17, 2009, President Obama signed the [American Recovery and Reinvestment Act of 2009](#) (ARRA). Among the goals of the ARRA are to preserve and create jobs, promote economic recovery, and provide investments to increase economic efficiency by spurring technological advances in science and health. The following provides a brief summary of what the bill entails for each funding agency:

#### U.S. Department of Education (ED)

ED's portion of ARRA funding is approximately \$81.1 billion. The bulk of this amount, approximately \$53.6 billion, will be funded directly to states under the [State Stabilization Fund](#). The average award size to states will be approximately \$929 million.

Of the \$53.6 billion, approximately 81.8 percent of the funds must be used for education-related expenses. The remaining 18.2 percent must be used for other government services, including "modernization, renovation, or repair of public school facilities **and** institutions of higher education (IHE) facilities, including modernization, renovation, and repairs that are consistent with a recognized green building rating system." Interestingly, the House requested \$6 billion specifically for higher education modernization, but that measure did not get past the Senate and therefore was not part of the ARRA.

Other highlights of ED's portion of the ARRA include the following:

- \$13 billion for Title I, Part A grants to states and school improvement grants;
- \$12.2 billion for special education grants to states, preschool grants and grants for infants and families-all under the Individuals with Disabilities Education Act (IDEA);
- \$650 million for education technology grants;
- \$300 million for teacher quality, with \$200 million for the Teacher Incentive Fund and \$100 million for Teacher Quality Partnership Grants; and
- \$17.1 billion (both discretionary and mandatory funding) to increase the maximum Pell Grant by \$500, to \$5,350 in 2009

#### U.S. Department of Energy (DOE)

DOE has received a total of \$40 billion under ARRA, including \$2.5 billion for energy efficiency and renewable research, development, demonstration, and deployment programs. Clean fossil energy technology will receive \$3.4 billion dollars and \$800 million will be spent on biofuels research. Additionally, The Office of Science will receive \$1.6 billion dollars for facilities renovation, basic research, and advanced scientific computing.

ARRA also makes supplemental appropriations for the Energy Policy Act (EPACT) of 2005 Section 721, which authorizes the establishment of a competitive grant pilot program to be administered through the Clean Cities Program, to provide up to 30 geographically dispersed project grants to state governments, local governments, and/or metropolitan transportation authorities in partnership with an active designated Clean Cities Coalition. See [website](#) for details.

#### **U.S. Department of Health and Human Services (HHS), Other than NIH**

HHS has received \$59 billion with the stipulation that it focus on the following areas: scientific research and facilities; community services and early childhood education programs; community health; and health information technology.

- The Health Resources and Services Administration (HRSA) will allocate \$2.5 billion through the following mechanisms: \$500 million for grants to community health centers; \$1.5 billion for grants for construction, renovation, equipment, and acquisition of health IT systems for health centers and health center controlled networks; and \$500 million for scholarships, loan repayments, and grants for training program equipment to address health professions workforce shortages.
- **The Administration for Children and Families (ACF)**'s \$2 billion package will largely go to states for the Child Care and Development Block Grant to provide child care assistance for low-income families. Of that amount, nearly \$256 million will fund activities that support the quality of child care services including training, education and other professional development activities to enhance the skills of the child care workforce, and \$94 million will support activities that improve the quality of infant and toddler care. The ARRA will also provide for the following: \$1 billion for Head Start and \$1.1 billion for Early Head Start of which 10 percent will be used for training and technical assistance (programs in which IHEs may take part); \$1 billion for selected activities under the Community Services Block Grant which provides for state child-care services for low-income families; the grant requires that 90 percent of the state awards be administered to eligible private and public entities; and \$50 million for cooperative research and demonstration projects related to programs authorized under the Social Security Act.
- To finance comparative effectiveness research, \$400 million each will be made available to the **Agency for Healthcare Research and Quality (AHRQ)** and the **National Institutes of Health**. AHRQ will administer grants and/or contracts for research to complete the following: conduct, support, or synthesize research that compares the clinical outcomes, effectiveness, and appropriateness of items, services, and procedures that are used to prevent, diagnose, or treat disease, disorders, and other health conditions; and encourage the development and use of clinical registries, clinical data networks, and other forms of electronic health data that can be used to generate or obtain outcomes data.
- **The Indian Health Service (IHS)** will also receive \$85 million to support health information technology activities such as telehealth services development, and HHS in conjunction with the **Centers for Disease Control and Prevention** will administer \$650 million to carry out clinical and community-based prevention and wellness strategies that address chronic disease rates and, directly or through contracts with public or private entities, provide for annual evaluations of these programs.
- Lastly, the ARRA makes a considerable investment in health information technology through a variety of mechanisms and allocations. The **Office of the National Coordinator for Health Information Technology (ONCHIT)** will be created within HHS and will be allocated \$2 billion to take on a leadership role in developing a nationwide health IT infrastructure. Of those funds, HHS will transfer \$20 million to the **National Institute of Standards and Technology (NIST)** in Commerce for similar initiatives and \$30 million will support regional health IT efforts. An HIT Policy Committee and an HIT Standards Committee will also be created to provide recommendations to the ONCHIT regarding health IT implementation, standards, and certification criteria.

#### **U.S. Department of Homeland Security (DHS)**

Homeland Security has received a total of \$2.8 billion under ARRA to fund border protection, aviation security, bridge construction and repair programs, and railroad and port security assistance.

### **SDSURF Hosts Grantsmanship Workshop**

Please join us 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.

Please contact Linda Valdez ([lvaldez@foundation.sdsu.edu](mailto:lvaldez@foundation.sdsu.edu); 4-6304) to reserve a seat.

Highlights include the following:

- \$100 million for Non-Intrusive Inspection technology and \$100 million for border technology on the southwest border through the U.S. Customs and Border Protection;
- \$1 billion for explosives detection systems and checkpoint screening equipment through the Transportation Security Administration; and
- \$150 million for transit and rail security grants, \$150 million for port security grants (no non-federal match required), and additional applications for Katrina/Rita public assistance through the Federal Emergency Management Agency.

#### **U.S. Department of Housing and Urban Development (HUD)**

HUD's portion of the ARRA is approximately \$13.6 billion. Approximately 75 percent has already been awarded to state and local jurisdictions. The remaining funding will be awarded through grant competitions over the next few months.

Highlights include the following:

- \$4.8 billion for Promoting Energy Efficiency and Creating Green Jobs;
- \$5.2 billion for Supporting Shovel-Ready Projects and Assisted Housing Improvements; and
- \$3.5 billion for the Promoting Stable Communities and Helping Families Hardest Hit by the Economic Crisis.

#### **U.S. Department of Justice (DOJ)**

DOJ's portion of the ARRA is approximately \$4 billion. Over half will go to the Office of Justice Programs for various awards made directly to state and local jurisdictions, as well as for discretionary grant programs.

Highlights include the following:

- \$2 billion for the Edward Byrne Memorial Justice Assistance Grant (JAG) Program (formula grants to states and local jurisdictions);
- \$225 million for the Edward Byrne Competitive Grant Program (IHEs are eligible to apply directly);
- \$125 million for the Assistance for Rural Law Enforcement to Combat Drug-Related Crime;
- \$225 million to the Office on Violence Against Women for various formula and discretionary grant programs; and
- \$1 billion for the COPS Hiring Recovery Program

#### **U.S. Department of Labor (DOL)**

DOL's ARRA allocation is approximately \$4.8 billion. Highlights include the following:

- \$3.95 billion for Workforce Investment Act (WIA) programs including Adult Employment and Training Activities; Youth Activities, including summer jobs; Dislocated Worker Employment and Training Activities; Program of Competitive Grants for Worker Training and Placement in High Growth and Emerging Industry Sectors; and YouthBuild Activities;
- \$400 million for Employment Service Grants to States; and
- \$120 million for Community Service Employment for Older Americans

#### **U.S. Department of Transportation (DOT)**

DOT has received a total \$26.6 billion for states and local transportation authorities to repair and build highways, roads, and bridges. Many of these projects, totaling more than \$750 million, will start in late March.

#### **U.S. Environmental Protection Agency (EPA)**

EPA has received a total of \$7.22 billion for projects and programs to promote green jobs and a healthier environment. The Brownfields Grant Program received \$100 million to clean up former industrial and commercial sites and \$600 million for the cleanup of hazardous sites. An additional \$300 million will be available for grants and loans to help organizations with projects that reduce diesel emissions.

#### **National Aeronautics and Space Administration (NASA)**

NASA has received a total of \$1 billion in ARRA funding. Aeronautics research and development will receive \$150 million in stimulus funding and NASA's Science portfolio will receive \$400 million for earth science, planetary science, heliophysics, and astrophysics research.

#### **National Endowment for the Arts (NEA)**

NEA has received \$50 million from ARRA to support projects that focus on the preservation of jobs in the arts. The funds will be split between state arts agencies, regional arts organizations and competitive grants to nonprofit organizations. The guidelines for applying are available online.

The deadline for applications for [competitive grants to nonprofit organizations](#) is **April 2, 2009**. Organizations may request a grant amount of \$25,000 or \$50,000. Projects are limited to 1) salary support, full or partial, for one or more positions that are critical to an organization's artistic mission and that are in jeopardy or have been eliminated as a result of the current economic climate AND/OR 2) fees for previously engaged artists and/or contractual personnel to maintain or expand the period during which such persons would be engaged.

Local, state, and regional arts agencies and organizations are expected to sub-grant a portion of the funds they receive to individual institutions. Sub-grants share the same limitations on project support as the competitive grant program. The organizations offering sub-grants have also been urged by NEA to have an early April deadline for applications. NEA's [website](#) lists the relevant groups that will be eligible for this funding.

In addition, institutions are limited to receiving NEA ARRA funds through only one source; from NEA directly OR through an entity eligible to sub-grant NEA funds. Each applicant is limited to one application. Exceptions to this one-application rule are made only for parent organizations applying on behalf of separately identifiable and independent components. To be eligible, an independent component must have received NEA support during the previous four years. For a definition of an eligible independent component see "[Parent \(and Related\) Organizations](#)" in the Grants for Arts Projects guidelines.

An application in response to ARRA funding does not preclude an organization from applying under other NEA funding opportunities including Grants for Arts Projects. In each case, the request must be for a distinctly different project. Direct questions to the [discipline staff](#) appropriate to your project.

### **National Science Foundation (NSF)**

NSF received \$3 billion in ARRA funding. Of that, \$100 million will go to the Education and Human Resources Directorate for the following:

- \$60 million for Robert Noyce Teacher Scholarships (more proposals than usual will be funded for the competition that closed 2/24/09);
- \$25 million for Math and Science Partnerships; and
- \$15 million to establish the Professional Science Master's program authorized in 2007 by America COMPETES.

Stimulus-funded research grants will primarily be made by funding more FY 09 applications in the pipeline, or, possibly, reaching back to support highly ranked but unfunded proposals submitted since June 2008.

There will only be a few new solicitations funded with stimulus dollars--most new solicitations and continuing awards will be funded by FY 09 regular appropriations. Exceptions are early/new investigator awards, CAREER awards (funded for full five years), Graduate Research Fellowships and other similar scholarship/fellowship programs (tripled), academic research infrastructure (for outfitting and rehabilitating research space, not for new construction), and Major Research Instrumentation (received \$300 million in ARRA). Current discussions say project periods won't be limited to 18 months as initially suggested.

No continuing awards will be made with stimulus money; supplemental funding of existing awards is being discouraged but possible. Stimulus funding will be "sequestered from any other funds," be separately accounted for, and be subject to detailed quarterly status reports.

NSF has also proposed to bring in more faculty rotators and Intergovernment Personnel Act (IPA) appointees to administer the stimulus funds. The agency may take on the rotator and IPA salaries. This would free up faculty positions at universities to enable them to hire new postdocs in spite of hiring freezes.

### **National Institutes of Health (NIH)**

NIH has received \$10.4 billion in ARRA funding, of which the agency plans to distribute as much as feasible in FY 09 to support "projects with the broadest impact, work that can be accomplished in two years, that relies heavily on [NIH's] new streamlined, modernized peer review system." The \$10.4 billion will be allocated as follows:

- \$8.2 billion to the Office of the Director, of which \$7.4 billion will be transferred to the institutes and centers, and \$800 million will be left for the OD to use
- \$1.3 billion to NIH's National Center for Research Resources, of which \$1 billion will fund the construction and renovation of extramural research facilities and \$300 million will support the acquisition of shared instrumentation and other research equipment;

- \$500 million to NIH for its own buildings and facilities; and
- \$400 million transferred from the Agency for Healthcare Research and Quality for "health care comparative effectiveness research;"

NIH Institutes and Centers will receive \$7.4 billion with highlights as follows:

- The National Heart, Lung, and Blood Institute will receive about 10 percent of the \$7.4 billion provided to NIH Institutes and Centers to support scientific research. This amount is proportional to the institute's share of the overall NIH appropriation;
- Approximately \$1.26 billion will go to the National Cancer Institute;
- Approximately \$405 million to the National Institute of Neurological Diseases and Stroke;
- Approximately \$175 million to the National Eye Institute; and
- Approximately \$350 million to the National Institute of Mental Health.

There will be three main "buckets," as Kington calls them, of NIH stimulus funding:

- Funding for R01 applications that have already been reviewed but not funded. Other funding mechanisms may be used as appropriate.
- Administrative supplements to currently funded projects. For example, NIH may competitively expand the scope of current research awards or supplement existing awards with additional support for infrastructure (e.g., equipment) that will be used in the two-year availability of these funds; and
- [ARRA NIH Challenge Grants in Health and Science Research](#). Applications are due by **April 27, 2009**.
- There will be no stimulus funds set aside for Small Business Innovation Research or Small Business Technology Transfer (SBIR/STTR) projects.

All stimulus-funded NIH projects must be completed within two years. So, while there is a possibility that some new proposals will be considered, most projects funded will have already gone through NIH peer review. Likewise, most awards will support basic research rather than clinical trials, which take longer than two years to show results. Here is an interesting NIH/ARRA fact: "an investment in research does more than just create new scientific knowledge and advances in clinical medicine. That investment also translates into support for research projects at institutions large and small across the country, and those projects in turn create jobs and a plethora of new business opportunities by generating patents, products, and biotechnology start-up companies. In fact, on average, a single NIH research grant supports seven jobs."

### **U.S. Department of Agriculture (USDA)**

USDA has received a total of \$28 billion in ARRA funding, including \$50 million for the Aquaculture Assistance Grants Program and \$20 million for Rural Business Development Grants. Additionally, the Distance Learning, Telemedicine, & Broadband Loan Program received \$2.5 million to expand broadband access.

### **U.S. Department of Commerce (DOC)**

The Commerce Department has received a total of \$7.9 billion in ARRA funding for economic development and job creation. The Economic Development Administration (EDA) received \$150 million for grants to economically distressed areas to generate private sector jobs. The National Oceanic and Atmospheric Administration (NOAA) received \$830 million, including \$170 million for climate change research. The National Institute of Standards and Technology (NIST) received \$610 million, including \$180 million for a competitively awarded extramural construction grants program. Left out of the final bill are proposals to spend \$70 million for the Technology Innovation Program (TIP) and \$30 million for the Manufacturing Extension Partnership (MEP).

### **U.S. Department of Defense (DoD)**

The Defense Department has received \$7.4 billion in overall ARRA funding, with \$200 million reserved for research and development. A large percentage of DoD ARRA funding will go to energy initiatives such as \$4.2 billion to make DoD facilities more energy efficient; \$300 million to develop energy-efficient weapons technologies; and \$120 million for the Energy Conservation Investment Program.

You can view full text of the legislation [online](#).

*Please note: agencies are required to post funding opportunity synopses on Grants.gov within 20 days and links to full announcements within 30 days after ARRA enactment. The [Office of Communications](#) will be on the lookout for these as they are posted and will forward to interested faculty on our e-mail notification system (<http://www.foundation.sdsu.edu/communications/fips.html>).*

## NSF Updates Proposal and Award Policies and Procedures Guide

NSF recently updated their Proposal and Award Policies and Procedures Guide, effective for proposals submitted on or after April 6, 2009. In the interim, the guidelines contained in [NSF 09-1](#) continue to apply. Proposers responding to a funding opportunity with a due date on or after April 6th must comply with the guidelines in NSF [09-29](#).

## NIH Now Offering Tips for Great Grant Writing

NIH's Office of Extramural Research's *Extramural Nexus* publication recently introduced a new, regular feature entitled: "Tips for Great Grant Writing." The feature will begin with the very basics of grant writing, but will soon advance to addressing more complex aspects of the grant writing process. The latest issue's inaugural column addresses the basic question: what does NIH look for in a grant application? The answer to this question is available [online](#).

To view future tips from *Extramural Nexus*, visit the website: <http://grants.nih.gov/grants/nexus.htm>.

## SDSURF Upcoming Workshops

If you would like to reserve a seat for any of the following workshops, please contact Linda Valdez at [lvaldez@foundation.sdsu.edu](mailto:lvaldez@foundation.sdsu.edu).

### Tuesday, March 10, 2:00-4:00

#### *Budget Basics: Laying the Groundwork for a Successful Proposal*

Part of writing a grant proposal is understanding the costs of your research in order to lay a foundation for success. Where do you begin when creating your research budget? For example, do you plan on hiring students, using various supplies, renting space, or attending conferences? How will these costs affect your proposed budget? During this workshop, you will hear from successful SDSU Principal Investigators, who will share their experiences with grant writing, shedding light on how to write winning proposals with corresponding budgets. Experienced staff in the Development department of SDSURF will help answer questions and provide examples of how to work research costs into your proposal. The information presented will be useful for faculty and staff who are new to proposal preparation, as well as those faculty and staff who need a "refresher" on budget development. You may send your questions in advance to [Greta Lagodmos](#) or [Joanne Cobble](#).

### Wednesday, March 18, 10:00 a.m. - 12:00 p.m.

#### *Conflicts of Interest: A Primer for Principal Investigators and Project Staff*

With grant sponsors and award recipients (such as SDSU) looking more closely at the terms of grants and contracts, it becomes important for faculty and administrators to be aware of both real and potential financial conflicts of interest. This workshop will explain the nature of conflicts of interest, why we should care about them, how, when, and why they must be disclosed, and how conflicts of interest can be managed. Several examples will be used for clarification.

### Tuesday, April 7, 2:00-4:00

#### *Meet your Match: Overview of Cost Sharing Issues in Grant Proposals*

Cost sharing (or "matching funds") in proposals has become a timely topic for those submitting proposals and receiving grants and contracts. There has been increasing pressure from funding agencies to require cost sharing in order to leverage the funds they provide to projects. What is cost sharing? What is the difference between mandatory and voluntary cost sharing? If cost sharing is proposed, how does this affect the project once it is awarded? What are allowable and unallowable cost sharing items? These are just some of the questions that will be answered. Faculty and project staff involved in submitting proposals, as well as Deans and Department Chairs responsible for approving cost-sharing, will find this information helpful.

### Thursday, April 16, 2:00-4:00

#### *Export Controls - 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. This workshop will provide an introduction to export control regulations, outline exemptions, and provide suggestions about how SDSU can comply.

## Features

### Recovery Act Limited Competition: NIH Challenge Grants in Health and Science Research

NIH has designated at least \$200 million for a new initiative called the NIH Challenge Grants in Health and Science Research. The program will support research on topic areas which address specific scientific and health research challenges in biomedical and behavioral research that would benefit from significant 2-year jumpstart funds. NIH Institutes and Centers have selected specific topics within each of the 15 challenge areas. The research should have a high impact in biomedical or behavioral science and/or public health.

Challenge areas:

- (01) Behavior, Behavioral Change, and Prevention
- (02) Bioethics
- (03) Biomarker Discovery and Validation
- (04) Clinical Research
- (05) Comparative Effectiveness Research (CER)
- (06) Enabling Technologies
- (07) Enhancing Clinical Trials
- (08) Genomics
- (09) Health Disparities
- (10) Information Technology for Processing Health Care Data
- (11) Regenerative Medicine
- (12) Science, Technology, Engineering and Mathematics Education (STEM)
- (13) Smart Biomaterials – Theranostics
- (14) Stem Cells
- (15) Translational Science

More details are available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-09-003.html>.

*Please let your Research Foundation proposal specialist know as soon as possible if you plan to submit a proposal.*

**Deadline: April 27**

### National Center for Research Resources - Recovery Act Limited Competition: Core Facility Renovation, Repair, and Improvement

NCRR, under the Recovery Act, is seeking applications from institutions that propose to renovate, repair, or improve core facilities. Support can be requested to alter and renovate the core facility, as well as to improve the general equipment in the core facility or to purchase general equipment for specialized groups of researchers. Specialized equipment over \$100,000 in cost cannot be requested as part of this funding opportunity. In situations when similar core facilities exist in different departments at an institution, funding can be requested in support of centralizing these core facilities. It is expected that all awards will be expended expeditiously and that applicants will consider the use of “green” technologies and design approaches. Awards are expected to create and/or maintain American jobs. This FOA is issued under the American Recovery and Reinvestment Act of 2009 (Recovery Act), Pub. L. No. 111-5. Budgets for direct costs between \$1 million and \$10 million may be requested. The budget may include a request for general purpose equipment, for alteration and renovation funds, or both. The total project period for an award made in response to this FOA may not exceed five years. More information is available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-RR-09-007.html>. **Deadline: September 17**

### National Center for Research Resources - Recovery Act Limited Competition: Extramural Research Facilities Improvement Program

NCRR is accepting applications from institutions that propose to expand, remodel, renovate, or alter biomedical or behavioral research facilities under the Recovery Act. The purpose of this FOA is to facilitate and enhance the conduct of Public Health Service-supported biomedical and behavioral research by supporting the costs of improving non-Federal basic research, clinical research, and animal facilities to meet the biomedical or behavioral research, research training, or research support needs of an institution. Budgets for direct costs between \$2 million and \$15 million may be requested. More information is available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-RR-09-008.html>. **Deadlines: May 6 (projects between \$2M and \$5M); June 17 (projects between \$10M and \$15M), July 17 (projects between \$5M and \$10M)**

## National Center for Research Resources - Recovery Act Limited Competition: High-End Instrumentation Grant Program

Under ARRA, the NCRR High-End Instrumentation (HEI) Grant Program encourages applications from groups of NIH-supported investigators to purchase a single major item of equipment to be used for biomedical research that costs at least \$600,000. The maximum award is \$8 million. Instruments in this category include, but are not limited to, structural and functional imaging systems, macromolecular NMR spectrometers, high-resolution mass spectrometers, cryoelectron microscopes and supercomputers. \$160 million is available to fund approximately 40 new awards. Since the cost of the instruments varies, it is anticipated that the size of the award will also vary. Awards are for one year. More information is available at <http://grants.nih.gov/grants/guide/pa-files/PA-09-118.html>. **Deadlines: April 6 (letters of intent); May 6 (applications)**

## Department of Defense – Prostate Cancer Research Programs

The Department of Defense is accepting applications for prostate cancer research under the following mechanisms:

*Health Disparity Research Awards* support health disparity-focused projects by investigators at multiple points in their careers: transitioning investigators, early-career investigators, and established investigators. Approximately \$5 million is available to support nine awards. Application guidelines are available [online](#).

*Health Disparity Training Awards* provide training opportunities focused on prostate cancer disparity for individuals in the early stages of their careers. The award funds research under the guidance of a mentor who is an experienced prostate cancer health disparity researcher. Approximately \$400,000 is available to support three awards. Application guidelines are available [online](#).

*New Investigator Awards* are given to principal investigators who are in the early stages of their careers for innovative, high-impact ideas or new technologies applicable to prostate cancer research, prevention, detection, diagnosis, or treatment. Approximately \$8.3 million is available to support 23 awards. The maximum award amount is \$225,000 over three years. Application guidelines are available [online](#).

*Population-based Idea Development Awards* are offered for innovative, high-impact approaches to prostate cancer research that will contribute significantly to the prevention, detection, diagnosis, and/or treatment of prostate cancer or greatly enhance the quality of life for prostate cancer patients. The overall goal of this award is to generate unique information and/or tools that can only be achieved from the perspective of population statistics. Approximately \$2.9 million is available to support three awards. The maximum award amount is \$600,000 over four years. Application guidelines are available [online](#).

*Training Awards* focus on prostate cancer research or patient care for individuals in the early stages of their careers. The focus of these awards is on the principal investigator (PI), the mentor, and the training program and environment. These awards primarily provide salary support for the PI and require the active involvement of a mentor who is an established prostate cancer researcher. Approximately \$4.7 million is available to support 41 awards. Application guidelines are available [online](#).

**Deadlines: April 29 (pre-applications); May 20 (full applications)**

## National Institutes of Health – Research Supplements to Promote Re-Entry into Biomedical and Behavioral Research Careers

NIH is seeking applications to support individuals to re-enter an active research career after a qualifying interruption for family or other responsibilities. This program will provide administrative supplements to existing NIH research grants for the purpose of supporting full-time or part-time research by these individuals in a program geared to bring their existing research skills and knowledge up to date. *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-08-191.html>. **Deadline: open**

## National Science Foundation - Virtual Organizations as Sociotechnical Systems (VOSS)

NSF describes a virtual organization as “a group of individuals whose members and resources may be dispersed geographically, but who function as a coherent unit through the use of cyberinfrastructure.” This program supports

scientific research directed at advancing the understanding of what constitutes effective virtual organizations and how virtual organizations can enable and enhance scientific, engineering, and education production and innovation. Disciplinary perspectives may include, but are not limited to: anthropology, complexity sciences, computer and information sciences, decision and management sciences, economics, engineering, organization theory, organizational behavior, social and industrial psychology, public administration, and sociology. Five to 12 awards ranging between \$50,000 and \$400,000 will be made. Application guidelines are available at <http://www.nsf.gov/pubs/2009/nsf09540/nsf09540.htm?govDel=USNSF> 25. **Deadline: May 26**

## Grant Opportunities

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### Arts, Humanities, & Social Sciences

#### Administration for Children and Families - Special Improvement Projects (SIP)

- **Improving Child Support Enforcement (CSE) and Court Collaboration** offers funding for projects that address one or more of the following strategies for child support cases to improve child support enforcement and court outcomes: improving service of process; avoiding inappropriate orders; using problem-solving techniques in the courts for child support cases; implementing electronic data exchange or technology in the courtroom for greater efficiency in meeting client needs; improving health care coverage for children; reengineering business processes affecting both child support and the courts; and partnering to educate parents within the court process about their child support responsibilities. Approximately \$200,000 is available to support two awards. Application guidelines are available at <http://www.acf.hhs.gov/grants/open/HHS-2009-ACF-OCSE-FI-0018.html>.
- **Using New Methods to Improve Collection Rates** supports the development of new technology tools and enforcement methods to help state/local jurisdictions and Tribes improve child support collection rates. Approximately \$300,000 is available to support three awards. Application guidelines are available at <http://www.acf.hhs.gov/grants/open/HHS-2009-ACF-OCSE-FI-0014.html>.  
**Deadline: April 20**

#### Consortium of College and University Media Centers – Research Awards

CCUMC is seeking applications for the development of new knowledge and practices to increase accessibility and utilization of educational media, equipment, or technology. The program will award \$2,000 to graduate, undergraduate, or faculty. Application guidelines are available at <http://ccumc.org/committees-and-task-forces/research>. **Deadline: May 1**

#### Dance/USA - Engaging Dance Audiences

\$1.5 million is available to analyze current dance performance attendance and research methods of engaging new audiences for dance. The program will provide support to develop or refine existing engagement practices and to share discoveries with the dance field. Grant amounts will range between \$25,000 and \$125,000 each. Application guidelines are available at <http://fconline.foundationcenter.org/pnd/15016903/danceusa>. **Deadline: May 4**

#### Endangered Language Fund – Linguistics Work

The Endangered Language Fund supports language maintenance and linguistic field work that serves both the native community and the field of linguistics. The language involved must be in danger of disappearing within a generation or two. Special consideration will be given to projects that involve children. Grants range from \$2,000 to \$4,000. Application guidelines are available at <http://fconline.foundationcenter.org/pnd/15016570/endangeredlang>. **Deadline: April 20**

#### Entertainment Software Association Foundation – Grants for Youth Programs

The ESA Foundation offers grants for programs and opportunities that make a difference in the quality of life, health, and welfare of America's youth in the following areas: skills and personal development; general health and welfare; risk behavior prevention; education; or multimedia arts/technology. Application guidelines are available at <http://fconline.foundationcenter.org/pnd/15016984/theesa>. **Deadline: April 15**

### **Yip Harburg Foundation – Grant Programs**

The Yip Harburg Foundation funds the following projects: promoting world peace; putting an end to economic and social discrimination and exploitation; working to end racial/ethnic conflicts and civil injustices; providing educational opportunities to low-income and minority students through scholarship organizations; advancing and promoting new works of American political art, especially efforts involving cultural and societal issues; and mass media and theatre projects that educate and inform about serious issues or projects extending over a specific time period, with a focused, concrete goal and clear social impact. Grants range from \$500 to \$3,000. Application guidelines are available at <http://www.yipharburg.com/foundation.html>. **Deadline: open**

### **Meet the Composer, Inc. - MetLife Creative Connections**

Creative Connections provides support for composers working in any style or genre of music or sound art to participate in public activities related to specific performances of their original music. The program supports composer activities including, but not limited to: pre- and post-performance discussions; interaction with audience during and after the performance; open workshops; radio, television, and Webcast or podcast interviews; community outreach events; and open rehearsals. Grants will be awarded in amounts of up to \$5,000 each. Application guidelines are available at <http://www.meetthecomposer.org/node/10>. **Deadline: June 1**

### **National Endowment for the Humanities – Challenge Grants and Digital Humanities Challenge Grants**

NEH is seeking applications to support long-term improvements and financial stability for humanities programs. Grants augment or establish endowments, the profits of which support ongoing humanities activities in education, public programming, scholarly research, and preservation. NEH is also accepting applications for projects under this program that use or study the impact of digital technology on the humanities, exploring the ways in which it changes how we read, write, think, and learn. Awards typically range from \$30,000 to \$1 million. *Please note: only one application per institution will be accepted. If you would like to apply, please send a white paper of no more than two pages to your Associate Dean and Gene Stein by March 23, 2009.* Application guidelines are available at <http://www.neh.gov/grants/grants.html>. **Deadline: May 5**

### **National Endowment for the Humanities – Fellowships and Faculty Research Awards**

NEH supports individuals pursuing advanced research in the humanities that contributes to scholarly knowledge or to the general public's understanding of the humanities. Recipients produce scholarly articles, monographs on specialized subjects, books on broad topics, archaeological site reports, translations, editions, or other scholarly tools. Award is up to \$50,400 for over 12 months. Application guidelines are available at <http://www.neh.gov/grants/grants.html>. **Deadline: May 5**

### **National Institute of Justice - Social Science Research in Forensic Science**

NIJ is seeking applications for research examining the impact of forensic DNA advances on the criminal justice system and the impact of changes in policies to adapt to the greater use of DNA. NIJ has identified several specific areas of interest for this solicitation: the rape kit backlog in the U.S.; rape kit reporting practices; and arrestees in DNA databases. Approximately \$2 million is available to support multiple 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](#). **Deadline: April 13**

### **National Park Service – Save America's Treasures: Historic Preservation**

NPS is accepting applications for preservation or conservation work on intellectual and cultural artifacts, and collections on nationally significant historic properties. Grants require a non-federal match. Awards range from \$25,000 for collection projects and \$125,000 for historic property projects. Application guidelines are available at <http://www.cr.nps.gov/hps/treasures/application.htm>. **Deadline: May 20**

### **National Endowment for the Arts – NEA Learning in the Arts for Children and Youth**

NEA is seeking applications for partnership projects that help children and youth acquire knowledge and understanding of and skills in the arts. Projects must provide participatory learning and engage students with skilled artists, teachers,

and excellent art. *Only one application 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 April 6, 2009.* The solicitation is available at <http://www.arts.gov/grants/apply/GAP10/LITA.html>. **Deadline: June 11**

#### **Society for the Psychological Study of Social Issues – Grants-in-Aid Program**

This program supports research in social problem issues supported by SPSSI and those not likely to receive support from traditional sources. GIA awards up to \$1,000 for graduate research and up to \$2,000 for post-doctoral research. Application guidelines are available at <http://www.spssi.org/index.cfm?fuseaction=Page.viewPage&pageId=482>. **Deadline: May 14**

#### **The Open Society Institute – Documentary Photography Distribution Grants**

The Open Society Institute is offering a grant to documentary photographers who have already completed a significant body of work on issues of social justice to collaborate with a partner organization and propose new ways of using photography as a tool for positive social change. The program will award grants of \$5,000 to \$30,000 each. Application guidelines are available at <http://fconline.foundationcenter.org/pnd/15016231/sorosinitiative>. **Deadline: June 19**

#### **Wabash Center for Teaching and Learning in Theology and Religion – Summer Workshop Fellowships, Project and Small Projects Grants**

The Wabash Center supports programs for full-time faculty in departments of Religious Studies. Summer Workshop Fellowships focus on scholarly academic research and writing; and Project Grants are for projects on teaching and learning. Application guidelines are available at <http://www.wabashcenter.wabash.edu/grants/default.aspx>. **Deadline: May 1**

#### **Wallace Global Fund – Grant Program**

The Wallace Global Fund seeks to pro-mote an informed and engaged citizenry, to fight injustice, and to protect the diversity of nature and the natural systems. Projects should focus on: sustaining natural resources; population, reproductive health and women's empowerment; reconnecting people and places through establishing sustainability as a major, operative individual and so-cietal principle and behavioral norm, through creating healthy, self-sufficient and locally reliant communities; and establishing comprehensive, sustainable scal-able and local energy, food, shelter, culture, health care and transportation systems. Grants range from \$2,000 to \$400,000. Application guidelines are available at [http://www.wgf.org/2004\\_plan.html](http://www.wgf.org/2004_plan.html). **Deadline: open**

#### **Wenner-Gren Foundation for Anthropological Research – Grant Programs**

The purpose of this program is to provide seed money to cover specific expenses or phases of a project and to encourage aid from other funding agencies. Additional awards are available for projects to develop resources for research and scholarly exchange. This program provides up to \$25,000 for all areas of anthropology. Application guidelines are available at <http://www.wennergren.org/programs/>. **Deadline: May 1**

*(continued)*

## Education & Training

### American Library Association – Diversity Research Grants

The American Library Association supports original research within library and information science. The Diversity Research Program will make three awards of \$2,000 each, which include a \$500 travel grant to attend ALA conferences to present research findings. Application guidelines are available at <http://tinyurl.com/73tc8d>. **Deadline: April 30**

### Department of Education - Recreational Programs

This program funds projects providing individuals with disabilities with recreational activities and related experiences to aid in their employment, mobility, socialization, independence, and community integration. Seven awards of \$130,000 to \$140,000 each are expected. *Cost sharing is not required in the first project year, but a 25 percent cost share is required in the second project year and a 50 percent cost share required in the third project year. Please contact your Associate Dean if plan to apply.* Application guidelines are available at <http://edocket.access.gpo.gov/2009/pdf/E9-3813.pdf>. **Deadline: April 24**

### Department of Justice – Crime and Justice Research

The Department of Justice supports social and behavioral research and evaluation addressing the general issues of: Predicting Crime; Emerging Crime; Human Trafficking; Re-entry; Preventing Crime Related to Gangs; Improving the Criminal Justice System: Prosecution and Defense; and Reduction of Correctional Populations. Application guidelines are available at <http://www.ojp.usdoj.gov/nij/funding/current.htm>. **Deadline: April 6**

### Department of Justice – Research and Evaluation: Abuse, Neglect, and Exploitation of Elderly Individuals

DOJ supports proposals that address gaps in the ability to prevent, detect, and respond to elder abuse, neglect, and exploitation, including abuse of elderly individuals, older women, and residents of residential care facilities. Priority research areas include identifying and exploring forensic markers of abuse; examine the use of medication; perform rigorous evaluations of programs; explore typologies of abusers and abusive situations; and examine risk and protective factors associated with abuse. Application guidelines are available at <http://www.ojp.usdoj.gov/nij/funding/current.htm>. **Deadline: April 10**

### Department of State - EducationUSA Advising Coordination and Support Program

DOS supports the work of EducationUSA Centers, which facilitate and increase the flow of international students to the United States to deepen and expand understanding of U.S. society, culture, and values in other countries, and to expand the understanding of foreign cultures and societies by Americans through the increased participation of U.S. students in study abroad programs. Applicants may apply for one or both of two components: Regional and Country EducationUSA Advising Coordination; or EducationUSA Center Advising Support. Approximately \$7.9 million is available to support two to five awards. Application guidelines are available [online](#). **Deadline: April 24**

### Entertainment Software Association Foundation – Grants for Youth Programs

The ESA Foundation offers grants for programs and opportunities that make a difference in the quality of life, health, and welfare of America's youth in the following areas: skills and personal development; general health and welfare; risk behavior prevention; education; or multimedia arts/technology. Application guidelines are available at <http://fconline.foundationcenter.org/pnd/15016984/theesa>. **Deadline: April 15**

### FINRA Investor Education Foundation – Grant Program

The FINRA Investor Education Foundation supports innovative research and educational projects that provide investors the tools and information needed to better understand the markets and the basic principles of saving and investing. Funding is available for research and educational programs, or a combination of both. Application guidelines are available at <http://www.finrafoundation.org/grants.asp>. **Deadline: May 6**

### Yip Harburg Foundation – Grant Programs

The Yip Harburg Foundation funds the following projects: promoting world peace; putting an end to economic and social discrimination and exploitation; working to end racial/ethnic conflicts and civil injustices; providing educational opportunities to low-income and minority students through scholarship organizations; advancing and promoting new works of American political art, especially efforts involving cultural and societal issues; and mass media and theatre projects that educate and inform about serious issues or projects extending over a specific time period, with a focused, concrete goal and clear social impact. Grants range from \$500 to \$3,000. Application guidelines are available at <http://www.yipharburg.com/foundation.html>. **Deadline: open**

### Robert R. McCormick Tribune Foundation – Grants Program

The Robert R. McCormick Tribune Foundation supports projects to: improve the social and economic environment; encourage responsible discussion of issues affecting the nation; enhance the effectiveness of American education; and stimulate responsible citizenship. Application guidelines are available at <http://www.rrmf.org/grants.aspx>. **Deadline: May 1**

### Michelin North America, Inc. – Grant Program

Michelin North America Inc. provides grants in support of education, through programs and activities that challenge students and teachers to be innovative in the areas of science, technology, engineering and math. Award size will vary. Application guidelines are available at <http://www.michelin-us.com/communityrelations/support.html>. **Deadline: open**

### Save the Redwoods League – Grant Program

Save the Redwoods League provides funds to schools, park-cooperating associations, and other nonprofits engaged in quality redwood education. Funding is available for curriculum development and educational/interpretative supply, outdoor education, teacher and interpreter continuing education, individual or group student projects, and program evaluation. Grants range from \$500 to \$3,000. Application guidelines are available at <http://www.savetheredwoods.org/education/edgrants.shtml>. **Deadline: June 30**

## Health & Mental Health

### Agency for Healthcare Research and Quality – Research Implementation and Change While Improving Quality

This program supports research to understand and improve decision-making at all levels of the health care system and the outcomes of health care. AHRQ is interested in developing valid and reliable measures of the process and outcomes of care, causation and prevention of errors in health care, strategies for incorporating quality measures into programs of quality improvement, dissemination, and implementation of improvement mechanisms. *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-08-136.html>. **Deadline: May 25**

### Agency for Healthcare Research and Quality – Understanding and Promoting Health Literacy

AHRQ supports research to increase knowledge of interventions that improve health impacts of communications between healthcare professionals and consumers. Award size will vary. Application guidelines are available at <http://grants1.nih.gov/grants/guide/pa-files/PAR-07-020.html>. **Deadline: May 25**

### Alternatives Research and Development Foundation – Research Grants

This program provides funding for individual projects at United States colleges and universities that develop effective alternatives to the traditional methods of using laboratory animals in basic research, testing, and education. Grants range up to \$40,000. Application guidelines are available at <http://www.ardf-online.org/>. **Deadline: April 30**

### **Centers for Disease Control and Prevention, Food and Drug Administration, Administration for Children and Families, and National Institutes of Health – Small Business Transfer (STTR)**

The purpose of this program is to support research and develop innovations that have the potential for commercialization and contribute to the research and development missions of the participating agencies. Phase I awards normally may not exceed \$100,000 for a period not exceeding six months. Phase II awards normally may not exceed \$750,000 for a period not exceeding two years. (Eligibility is restricted to small businesses, but opportunities may exist for collaborations). Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-09-080.html>. **Deadlines: April 5; August 5; December 5**

### **Crohn's and Colitis Foundation of America – Research Awards**

This program supports basic biomedical and clinical research on the etiology, therapy, pathogenesis, and prevention of Crohn's disease and ulcerative colitis. The following awards are available: Senior Research Awards of \$130,000 for three years; Career Development Awards of \$90,000 for three years; Research Fellowship Awards of \$58,250 for three years. Conference and workshop funding is also available. Application guidelines are available at <http://ccfaprofessionals.org/?LMI=8>. **Deadline May 1**

### **Health Resources and Services Administration – Clinical Interventions to Increase Organ Procurement**

This program seeks to assist entities in the evaluation, implementation, and dissemination of strategies and approaches to improve methods of identifying organ donors, maintaining donor stability, evaluating donated organs, and increasing organ procurement. Projects must have rigorous methodology and evaluation components capable of ascertaining the effectiveness of the intervention. Approximately \$1 million is available to support four awards. Application guidelines are available at <http://tinyurl.com/dh85eb>. **Deadline: April 8**

### **Health Resources and Services Administration - Targeted Rural Health Research Grant Program**

HRSA is seeking applications to support grants for Rural Health Research studies on a selected number of topics, such as: Rural Health Clinics; Frontier Health Service Delivery; Rural Hospital Leadership; and Public Health Workforce. Recipients will conduct and disseminate policy-relevant research on issues of national significance in the area of rural health services as they relate to the above topic areas. Approximately \$450,000 is available to support three awards. *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 [online](#). **Deadline: April 13**

### **Robert Wood Johnson Foundation - Active Living Research**

This program supports research to inform policy and environmental strategies for increasing physical activity among children and adolescents, decreasing their sedentary behaviors and preventing obesity. Target populations include children and adolescents ages 3 to 18, especially those who are at greatest risk for obesity, including racial/ethnic populations and children living in under-resourced and low-income communities. Approximately \$3.3 million is available for Research Grants as well as Dissertation Awards. Application guidelines are available at <http://www.rwjf.org/applications/solicited/cfp.jsp?ID=20641>. **Deadline: April 28**

### **Lalor Foundation – Anna Lalor Burdick and Postdoctoral Programs**

The Anna Lalor Burdick Program supports projects to educate young women about human reproduction in order to broaden and enhance their options in life. The Postdoctoral Research Program supports research in mammalian reproductive biology as related to the regulation of fertility. Awards range from \$10,000 to \$50,000. Application guidelines are available at <http://www.lalorfound.org/index.html>. **Deadline: May 15**

### **National Alliance for Research on Schizophrenia and Depression – Young and Distinguished Investigator Awards**

This program supports research programs related to severe psychiatric brain disorders and covers basic and clinical research. Young Investigator Awards provide up to \$60,000 over two years to advanced postdoctoral or assistant professors; Distinguished Awards offer full professors \$100,000 over one year for innovative projects. Application guidelines are available at <http://www.narsad.org/research/apply/>. **Deadline: varies**

### **National Cancer Institute and National Institute on Drug Abuse – Testing Tobacco Products Promoted to Reduce Harm**

NCI and NIDA are inviting applications for multidisciplinary research on potential reduced-exposure tobacco products, both smoked and smokeless. The purpose of this program is to determine whether potential reduced-exposure tobacco products provide a truly, less-harmful alternative to conventional tobacco products, both at the individual and population level. Award size will vary based on the award mechanism. *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-09-047.html>. **Deadlines: June 5; October 5; February 5 (R01); June 16; October 16; February 16 (R21)**

### **National Center for Complementary and Alternative Medicine - Tools and Technologies for Assessing Manual Therapies (SBIR)**

NCCAM is seeking applications to develop new or innovative uses of existing technology, or develop new technology, research tools, instruments, or devices to: illuminate the mechanisms of action of the biological effects of manual therapies; and facilitate quantitative assessment of the local and systemic effects of manual therapies. Approximately \$1 million is available to support three to five awards. *Eligibility is restricted to small businesses, but opportunities may exist for partnerships with colleges and universities.* Application guidelines are available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-AT-09-003.html>. **Deadlines: May 1 (letters of intent); June 1 (applications)**

### **National Center for Research Resources – Developing and Improving Institutional Animal Resources**

NCRR supports animal resource improvement activities, which may include upgrading of animal facilities and developing centralized programs of animal care, at biomedical research institutions. The total award is \$500,000. *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-07-342.html>. **Deadline: May 28**

### **National Heart, Lung, and Blood Institute - Childhood Obesity Prevention and Treatment Research Consortium**

NHLBI is seeking applications from institutions to conduct randomized controlled trials to test innovative interventions that address issues of immediacy to the childhood obesity epidemic. Approximately \$49.75 million will be available in the next seven years to fund four Research Centers (two prevention and two treatment). *Please note: submission via Grants.gov is required for this program.* Application guidelines are available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-10-004.html>. **Deadlines: September 8 (letters of intent); October 6 (applications)**

### **National Heart, Lung, and Blood Institute - NHLBI Career Transition Award**

NHLBI provides highly qualified postdoctoral fellows with an opportunity to receive mentored research experience in the NHLBI Division of Intramural Research and then to provide them with bridge funding to facilitate the transition of their research programs as new investigators at extramural institutions. NHLBI anticipates making five awards 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://grants.nih.gov/grants/guide/pa-files/PA-09-102.html>. **Deadlines: June 12; October 12; February 12**

### **National Institute of Allergy and Infectious Diseases – NIAID Science Education Awards**

NIAID supports innovative research education programs that will increase the public's understanding of biomedical research, or encourage K-12 students to enter areas in biomedical science. The program provides training and curriculum development for K-12 teachers and students at a national level. *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-08-003.html>. **Deadline: May 25**

### **National Institute of Allergy and Infectious Diseases - Radiological/Nuclear Medical Countermeasure Product Development Program (SBIR)**

NIAID is seeking applications from small business concerns that propose to continue and expand non-clinical and pre-clinical efforts for product development of radiological/nuclear medical countermeasures effective for: the mitigation or treatment of acute radiation syndromes and long-term or delayed effects; the treatment of internal radionuclide contamination with decorporation agents; and the determination of individual radiation exposure levels with radiation biodosimetry products for potential use during a radiological emergency.

*Eligibility is limited to small businesses, but opportunities may exist for partnership.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-09-093.html>. **Deadlines: April 5; August 5; December 5**

### **National Institute of Child Health and Human Development – Educational Programs for Population Research**

NICHD supports educational activities related to either research on the processes determining population size, growth, composition and distribution and on determinants and consequences, of population processes; or on the antecedents and impacts of changing social, demographic, economic, and health characteristics of an older population. *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

<http://grants.nih.gov/grants/guide/pa-files/PA-06-507.html>. **Deadline: May 25**

### **National Institute of Child Health and Human Development – Resource Program Grants in Bioinformatics**

NICHD supports the continued operation, improvement and maintenance of bioinformatics tools or resources, user training and services, and wide dissemination of the tools or resources. *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-08-180.html>.

**Deadline: May 25**

### **National Institute of Occupational Safety and Health – NIOSH Small Research Grant Program**

NIOSH is accepting applications for research related to occupational safety and health. The goal is to support relevant and high quality research to reduce occupational disease and injury. \$25,000 to \$50,000 will be awarded. *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/PAR-06-551.html>. **Deadlines: June 16; October 16; February 16**

### **National Institute of Neurological Disorders and Stroke - NINDS Ischemic Stroke Genetics Consortium**

NINDS is accepting applications to establish a genome-wide association study consortium focused on the goal of identifying genes that influence the risk and outcome of ischemic stroke. This project will create a permanent global resource, via the Database of Genotype and Phenotype (dbGAP), of genotyping data of rigorously phenotyped ischemic stroke cases. \$3.6 million is available for one award. Application guidelines are available at

<http://grants.nih.gov/grants/guide/rfa-files/RFA-NS-09-002.html>. **Deadlines: April 15 (letters of intent); May 15 (applications)**

### **National Institute on Alcohol Abuse and Alcoholism - Alcohol, Decision-Making, and Adolescent Brain Development**

This program provides funds to study decision-making processes in adolescents as they relate to drinking behavior, and the role of neural circuitry development in adolescent decision-making and alcohol abuse and dependence. Award size and duration will vary on the award mechanism. *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-09-097.html>. **Deadlines: June 5; October 5; February 5 (R01); June 16; October 16; February 16 (R21)**

### **National Institute on Alcohol Abuse and Alcoholism - Alcohol Pharmacotherapy and the Treatment and Prevention of HIV/AIDS**

NIAAA supports the testing of pharmacologic therapies for alcohol use disorders in HIV+ populations and to assess the potential usefulness of medications for alcohol use disorders in preventing secondary HIV infections in targeted high risk populations of gay men and minority women. Also supported are initial studies of the safety and feasibility of pharmacotherapies for alcohol use disorders in HIV-infected populations. Approximately \$3 million is available to support four to six R01 awards, and \$1 million is available to support four to six R03 awards. Application guidelines are available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-AA-09-007.html>. **Deadline: April 16**

### **National Institute on Alcohol Abuse and Alcoholism – Alcohol Research Education Project Grants**

NIAAA supports research education projects to develop alcohol education activities in health professions. Projects can include the dissemination of new knowledge acquired through alcohol research to a wide array of health professionals, such as social workers, occupational therapists, nurses, physicians, dentists, psychologists, pharmacists, counselors and others. Award size will vary. *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-08-082.html>. **Deadline: May 25**

### **National Institute on Alcohol Abuse and Alcoholism and National Institute on Drug Abuse - Mechanisms of Alcohol and Nicotine Co-Dependence**

This program funds studies of neurobiological and behavioral mechanisms contributing to concurrent alcohol and nicotine use and dependence. Award size and duration will vary based upon the award mechanism. *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-09-098.html>. **Deadlines: June 5; October 5; February 5 (R01); June 16; October 16; February 16 (R21)**

### **National Institute on Drug Abuse - Medications Development for the Treatment of Pregnant/ Postpartum Women with Substance Related Disorders and/or In Utero Substance Exposed Neonates**

The purpose of this program is to foster the development of novel pharmacological strategies for the treatment of pregnant/postpartum women with Substance Related Disorders (SRDs) and/or *in utero* substance exposed neonates. The program will support preclinical and clinical research directed towards: the identification, evaluation, and development of safe and effective novel pharmacotherapies for the treatment of pregnant/postpartum women with SRDs and/or *in utero* substance exposed neonates; and/or the evaluation of the safety and efficacy of FDA approved medications for the treatment of pregnant/postpartum women with SRDs and/or *in utero* substance exposed neonates. *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-09-107.html>. **Deadlines: June 5; October 5; February 5 (R01); June 16; October 16; February 16 (R21)**

### **National Institute on Drug Abuse – NIDA Research Education Grants in Drug Abuse and Addiction**

NIDA supports research that focuses on developing curricula to provide educational and research experiences to clinically focused scientists at all levels of professional career development. Educational research activities must be designed to enhance participation and commitment of clinical researchers to careers in addiction research. *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-07-221.html>. **Deadline: May 25**

### **National Institute on Drug Abuse – Science Education Drug Abuse Partnership Award**

NIDA supports development and evaluation of innovative model programs and materials for enhancing knowledge and understanding of neuroscience and the biology of drug abuse and addiction for K-12 students, general public, health

care practitioners, and other groups. The award provides support for the formation of partnerships between scientists and educators, media experts, community leaders, and other interested organizations. *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-08-145.html>. **Deadline: May 25**

#### **National Institutes of Health – Centers for AIDS Research**

NIH is seeking applications for the Centers for AIDS Research program to provide administrative and shared research support to enhance HIV/AIDS research. The program emphasizes interdisciplinary collaboration, especially between basic and clinical investigators, translational research between the laboratory and the clinic and vice versa, inclusion of minority investigators, and inclusion of prevention and behavioral change research. *NIH will consider only one application from an applicant organization. If you would like to apply, 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://grants.nih.gov/grants/guide/pa-files/PA-09-103.html>. **Deadlines: May 15 (letters of intent); June 15 (applications)**

#### **National Institutes of Health – Dissemination and Implementation Research in Health**

This program supports research to identify, develop, and refine effective and efficient methods, structures, and strategies that test models to disseminate and implement research-tested health behavior change interventions and evidence-based prevention, early detection, diagnostic, treatment, and quality of life improvement services into public health. This program encourages trans-disciplinary teams of scientists and practice stakeholders to work together to develop models of dissemination and implementation. Award size and duration will vary. *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-07-086.html>. **Deadline: May 22**

#### **National Institutes of Health – Dissemination, Implementation and Operational Research for HIV Prevention**

NIH supports research to enhance the science of technology transfer, dissemination, implementation, and operational research for evidence-based HIV-prevention interventions. Studies are particularly encouraged to capitalize on intervention dissemination services, trainings, and evaluation conducted by the Centers for Disease Control and Prevention. *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-08-166.html>. **Deadline May 7**

#### **National Institutes of Health – Integrating Biobehavioral and Sociocultural Research to Prevent HIV Transmission**

NIH will fund theoretically grounded approaches to the prevention of HIV infection and transmission that incorporate biobehavioral approaches in studies that are culturally appropriate. Biobehavioral approaches may be biomedical, or consist of behavioral interventions using biological markers of efficacy. *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-08-188.html>. **Deadline: May 7**

#### **National Institutes of Health - New Technologies for Liver Disease (STTR)**

NIH is seeking applications to develop resources, research tools, instrumentations, biomarkers, devices, drugs or new and innovative approaches to diagnosis, monitoring, management, treatment and prevention of liver diseases. Areas of interest include: development of reliable and practical means of diagnosis of liver diseases; biomarkers for disease activity and stage; noninvasive tests for inflammation, fibrosis and fat in the liver; and drugs, complementary and alternative modalities, biologics or molecular reagents for the therapy or prevention of liver diseases. *(Eligibility is restricted to small businesses, but opportunities may exist for partnerships with colleges and universities).* The solicitation is available at <http://grants.nih.gov/grants/guide/pa-files/PA-09-094.html>. **Deadlines: April 5; August 5; December 5**

### **National Institutes of Health – Pharmacogenomics Research Network**

NIH is seeking applications to allow new and renewal applications for research groups to compete to become part of the Pharmacogenomics Research Network (PGRN), and to create network resources that serve the entire PGRN. Approximately \$30 million is available to support 12-14 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-GM-10-001.html>. **Deadlines: May 2 (letters of intent); June 2 (applications)**

### **National Institutes of Health – Pre-Application for Dietary Supplement Research Centers: Botanicals**

NIH is seeking pre-applications to conduct collaborative interdisciplinary research on botanicals, particularly those that are relevant to dietary supplements. Basic and preclinical research with potential application to health maintenance and primary prevention of disease is encouraged as the main area of emphasis. It is expected that the most meritorious pre-applications will be notified of the opportunity to submit full applications. *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-OD-09-002.html>. **Deadline: April 30**

### **National Institutes of Health – Small Business Technology Transfer (STTR)**

NIH is accepting applications for the development of projects that have potential for commercialization and contribute to the research and development missions of NIH. Phase I awards normally may not exceed \$100,000 for a period normally not to exceed one year. Phase II awards normally may not exceed \$750,000 for a period normally not to exceed two years. *Eligibility is limited to small businesses, but opportunities may exist for partnership.* Application guidelines are available at <http://grants.nih.gov/grants/guide/pa-files/PA-09-081.html>. **Deadlines: April 5; August 5; December 5**

### **North American Spine Society – Research Awards and Grants**

This program supports basic and clinical research on the spine. The goals are to improve the quality of spine care for patients and enhance the understanding of underlying disorders. Any spine-related proposal will be considered. There are no funding limits for Research Grants. Traveling Fellowships are also available. Application guidelines are available at <http://tinyurl.com/8wv2qv>. **Deadline: May 4**

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## Science & Engineering

### Air Force Research Laboratory – Simulation and Technology Assessment

The Air Force Research Laboratory is soliciting research proposals for the System Simulation and Flight Control program. Approximately \$4 million is available. 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 at <http://www.grants.gov/search/search.do;jsessionid=JHTQGnXpnQ3PrQ1T3nv0Rw>. **Deadline: Open**

### Air Force Research Laboratory - Space Components Technology

AFRL is seeking research proposals for innovative technology development in advanced space power, integrated space structures, spacecraft dynamics and controls, and ballistic missile technologies. The technologies developed under this solicitation will provide affordable and reliable solutions to enable the next generation of Air Force space systems. Approximately \$48 million will be available each year through FY 2011. Multiple awards are expected. The solicitation is available [online](#). **Deadline: open**

### American Astronomical Society – Small Research Grants

The American Astronomical Society is accepting applications for any type of astronomical research. Grants range from \$1,000 to \$7,000 for acceptable costs including page charges, computing charges, equipment, shipping of equipment, and travel to observatories. Application guidelines are available at <http://www.aas.org/grants/smrq.php>. **Deadline: May 1**

### American Nursery and Landscape Association – Horticulture Research Institute Research Grants

The American Nursery and Landscape Association supports research that specifically deals with green industry-related issues. HRI-supported projects focus on: significant problems, regulatory issues, or emerging opportunities in the nursery and landscape industry; encouraging environmentally responsible management practices; increasing nursery crop producers' business or financial expertise; or improving and expanding the market for plant material. Application guidelines are available at <http://www.anla.org/research/grants/index.htm>. **Deadline: May 15**

### Defense Threat Reduction Agency - Basic Research for Combating Weapons of Mass Destruction (WMD)

DTRA is seeking proposals for basic research projects to help safeguard America and its allies from weapons of mass destruction by providing capabilities to reduce, eliminate, and counter the threat and mitigate its effects. Eligible research areas include: the science of WMD sensing and recognition; cognitive and information science; science for protection; science to defeat WMDs; and science to secure WMDs. Approximately \$100 million is available to support 65 awards, averaging \$150,000 to \$500,000 per year, depending on the type of proposed effort. The solicitation is available [online](#). **Deadlines: May 13; November 2 (white papers)**

### U.S. Department of Agriculture – National Integrated Food Safety Initiative

This program supports food safety projects that demonstrate an integrated approach to solving problems in applied food safety research, education, or extension. Applications describing multi-state, multi-institutional, multidisciplinary, and multifunctional activities are encouraged. Awards will range between \$600,000 and \$2 million. *Cost-sharing is required for this program. Please contact your Associate Dean if you plan to apply. 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 [online](#). **Deadline: April 15**

### U. S. Department of Agriculture and Environmental Protection Agency - Enhancing Ecosystem Services From Agricultural Lands: Management, Quantification, And Developing Decision Support Tools

USDA and EPA are seeking applications proposing research on the ecosystem services, the goods and services derived from natural and managed ecosystems upon which human welfare depends, provided by agricultural lands. Ecosystem services are essential in maintaining both human welfare as well as ecological integrity, yet these services can be

affected by natural changes and management actions. \$4.5 million is available for up to nine cooperative agreements. Application guidelines are available at

[http://es.epa.gov/ncer/rfa/2009/2009\\_star\\_ecosystem\\_services.html](http://es.epa.gov/ncer/rfa/2009/2009_star_ecosystem_services.html). **Deadline: May 26**

### **Department of Energy - Tracking Carbon Dioxide Storage in Geologic Formations**

The Energy Department is seeking applications for the development and successful application of innovative, advanced technology and protocols for monitoring, verification, and accounting of CO<sub>2</sub> sequestration in geologic formations; simulating the behavior of geologically-sequestered CO<sub>2</sub>; and conducting risk assessments associated with geologic CO<sub>2</sub> sequestration activity. Approximately \$24 million is available to support multiple awards. *Cost-sharing is required for this program. Please contact your Associate Dean if you intend to apply. 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 [online](#).

**Deadline: April 17**

### **Environmental Protection Agency – Partnership to Promote Innovation in Environmental Practice**

EPA is soliciting proposals to organize two symposia over four years to promote sharing and transfer of innovative environmental protection approaches among States, EPA, and other primarily governmental representatives. The goal is to increase understanding of new approaches, to facilitate use of proven concepts, and to encourage more innovation in environmental programs. EPA plans to award one cooperative agreement of \$750,000 over four years. The solicitation is available [online](#). **Deadline: April 22**

### **Federal Railroad Administration – Demonstration Projects and Technology Advancements for Positive Train Control Communication Research and Development Program**

The Federal Railroad Administration is seeking proposals for demonstrations of various technology advancements or techniques related to advanced train control that can enhance the safety, capacity and efficiency of the rail service in the United States. Projects of interest include the following areas: grade crossing hazard mitigation systems; positive train control; wireless communication system; train tracking system; risk assessment and hazardous analysis; and Positive Train Control/communication enabling projects. Approximately \$3 million is available to support five 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](#). **Deadline: September 30**

### **W.M. Keck Foundation – Grant Programs**

The W.M. Keck Foundation offers grants between \$500,000 and \$5 million for new developments and discoveries in science, engineering, and medical research. The Foundation also provides grants of \$100,000 to \$1 million for community resources in arts and culture, civic services, early childhood education, health care, and pre-collegiate education in southern California. *Please note: if you would like to submit an application to the Keck Foundation, please contact Ben Moraga, SDSU Associate Director of Corporate and Foundation Relations at [bmoraga@mail.sdsu.edu](mailto:bmoraga@mail.sdsu.edu) or 4-3490.* Application guidelines are available at

<http://www.wmkeck.org/fund/index.html>. **Deadline: May 1**

### **National Institute of Allergy and Infectious Diseases - Radiological/Nuclear Medical Countermeasure Product Development Program (SBIR)**

NIAID is seeking applications from small business concerns that propose to continue and expand non-clinical and pre-clinical efforts for product development of radiological/nuclear medical countermeasures effective for: the mitigation or treatment of acute radiation syndromes and long-term or delayed effects; the treatment of internal radionuclide contamination with decorporation agents; and the determination of individual radiation exposure levels with radiation biodosimetry products for potential use during a radiological emergency. *Eligibility is limited to small businesses, but opportunities may exist for partnership.* Application guidelines are available at

<http://grants.nih.gov/grants/guide/pa-files/PA-09-093.html>. **Deadlines: April 5; August 5; December 5**

### **National Science Foundation and Department of Homeland Security – Joint Domestic Nuclear Detection Office – National Science Foundation: Academic Research Initiative**

The purpose of this program is to support projects focused on detection systems, individual sensors or other research that is potentially relevant to the detection of nuclear weapons, special nuclear material, radiation dispersal devices and related threats. The joint DNDO-NSF effort, in coordination with the efforts of other agencies, seeks to advance fundamental knowledge in new technologies for the detection of nuclear threats and to develop intellectual capacity in fields relevant to long-term advances in nuclear detection capability. Approximately \$3 million will be available for seven to eight awards. Application guidelines are available at <http://www.nsf.gov/pubs/2009/nsf09532/nsf09532.html>. **Deadline: April 27**

### **National Science Foundation - Broadening Participation in Computing**

The purpose of this program is to significantly increase the number of U.S. citizens and permanent residents receiving postsecondary degrees in the computing disciplines, with an emphasis on students from underrepresented groups in computing. The program seeks to engage the computing community to develop and implement innovative methods, frameworks, and strategies to improve recruitment and retention of these students through undergraduate and graduate degrees. All projects must have the potential for widespread impact. The BPC program will support three categories of awards: Alliances; Demonstration Projects; and Leveraging, Scaling, or Adapting Projects. \$14 million is available for 10 to 16 awards. The solicitation is available at [http://www.nsf.gov/pubs/2009/nsf09534/nsf09534.html?govDel=USNSF\\_25](http://www.nsf.gov/pubs/2009/nsf09534/nsf09534.html?govDel=USNSF_25). **Deadline: May 13**

### **National Science Foundation - Coupling, Energetics, and Dynamics of Atmospheric Regions (CEDAR)**

NSF supports research to understand the behavior of atmospheric regions from the middle atmosphere upward through the thermosphere and ionosphere into the exosphere in terms of coupling, energetics, chemistry, and dynamics on regional and global scales. The activities within this program combine observations, theory, and modeling. Application guidelines are available at [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5503](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5503). **Deadline: May 10**

### **National Science Foundation - Enhancing Support for Biogeochemical Cycles**

NSF's Directorate for Geosciences (GEO) and the Directorate for Biological Sciences (BIO) recently announced they are enhancing support for interdisciplinary research bridging the biological, atmospheric, geological, oceanographic and hydrological sciences, in the area of biogeochemical cycles and processes. Proposals should integrate physical, geological, chemical, and/or hydrologic processes with biological processes; and should be interdisciplinary and address biogeochemical processes and dynamics within and/or across terrestrial, aquatic, and/or atmospheric systems. More information is available at [http://www.nsf.gov/pubs/2009/nsf09030/nsf09030.jsp?govDel=USNSF\\_25](http://www.nsf.gov/pubs/2009/nsf09030/nsf09030.jsp?govDel=USNSF_25). **Deadline: varies by program**

### **National Science Foundation - Nanotechnology Undergraduate Education in Engineering**

The purpose of this program is to introduce nanoscale science, engineering, and technology through a variety of interdisciplinary approaches into undergraduate engineering education. The focus of this year's competition is on nanoscale engineering education with relevance to devices and systems and/or on the societal, ethical, economic and/or environmental issues relevant to nanotechnology. Up to 10 awards will be made for up to \$200,000 for two years. *Please note: only one proposal may be submitted by a College/Department of Engineering as the lead institution, except that an academic institution may submit a second proposal as the lead institution, only if it is focused on the societal, ethical, economic and/or environmental issues relevant to nanotechnology.* The solicitation is available at [http://www.nsf.gov/pubs/2009/nsf09533/nsf09533.html?govDel=USNSF\\_25](http://www.nsf.gov/pubs/2009/nsf09533/nsf09533.html?govDel=USNSF_25). **Deadline: April 29**

### **National Science Foundation - Research Related to Environment, Society, and the Economy**

NSF's Directorate for Social, Behavioral, and Economic Sciences (SBE) and the Directorate for Geosciences (GEO) plan to increase collaboration between the geosciences and the social and behavioral sciences by augmenting funding for interdisciplinary research related to Environment, Society, and the Economy. GEO and SBE seek to promote research that links the geosciences and the social and behavioral sciences through the following topics of interest: decision-making strategies related to ongoing or predicted global, regional, and local environmental changes; economic and geosciences evaluation of technology and practices linked to climate change; impacts and adaptation of economic

systems; pathways to successful application of geoscience research findings; development and implementation of mitigation strategies within political and economic constraints; interplay of environmental change and inequality of income, access to resources, etc.; role of incentives in human behavior; politics and economics of resource agreements; environmental change and its impact on the evolution of human behavior; and capacity building. Relevant proposals must be submitted to an existing SBE or GEO program according to the program's regular target or deadline dates. This is not a special competition or new program.

More information is available at

<http://www.nsf.gov/pubs/2009/nsf09031/nsf09031.jsp?govDel=USNSF> 25. **Deadline: varies by program**

#### **National Science Foundation – Science of Science and Innovation Policy**

This program supports research that will develop, improve and expand models, analytical tools, data and metrics that can be applied in the science policy decision making process. Topics of interest include, but are not limited to: ways the contexts, structures and processes of science and engineering research are affected by policy decision; the evaluation of the tangible and intangible returns from investments in science and from investments in research and development; the study of structures and processes that facilitate the development of usable knowledge, theories of creative processes and their transformation into social and economic outcomes; and the collection, analysis and visualization of new data describing the scientific and engineering enterprise. The solicitation is available at

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=501084&govDel=USNSF](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501084&govDel=USNSF) 25. **Deadline: September 9**

#### **U.S. Navy – Warfighter Developmental Protective Clothing and Devices**

The Department of the Navy is soliciting white papers in areas such as: protection against G-induced loss of consciousness and high altitude hypoxia; protection against hypothermia/hyperthermia; auxiliary or integrated human cooling and heating systems; advanced filter/device development for eye and / or sensor protection; crash protection, advanced restraint systems, and seating concepts; hearing protection and communication capabilities in high noise environments; crew/workstation design; and other personal protective technologies. Application guidelines are available [online](#). **Deadline: February 8, 2010 (white papers)**

#### **Office of Naval Research - Basic Research Challenge Program**

ONR is accepting proposals for basic science and/or engineering research in the following areas: Irreducible Uncertainty and the Limits of Predictability; Elastomeric Polymer-by-Design to Protect the Warfighter against Traumatic Brain Injury by Diverting the Blast Induced Shock Waves from the Head; and DNA-based Molecular-scale Nanoelectronics Fabrication. Approximately \$18 million is available to support four-year awards, the maximum award being \$1.5 million per year. The solicitation is available [online](#). **Deadlines: April 17 (optional white papers); June 9 (proposals)**

#### **Research Corporation – Cottrell College Science/Cottrell Scholar Awards**

Cottrell College Science Awards provide \$25,000 to \$45,000 for individual investigators in their first three years of positions in astronomy, chemistry, or physics departments that do not offer doctoral degrees. Cottrell Scholar Awards provide \$100,000 to assistant professors in Ph.D.-granting departments of astronomy, chemistry, and physics. Application guidelines are available at <http://www.rescorp.org/>. **Deadline May 15**

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## International

### **U.S. Agency for International Development – USAID-Philippines Conservation of Biodiversity and Management of Natural Resources**

USAID is seeking applications from prospective partners to implement activities to improve the conservation and management of priority biodiversity through the reduction of the most pressing threats to critical ecosystems in the Philippines. The maximum award amount is \$2 million over two 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 [online](#). **Deadline: October 1**

### **Department of State - EducationUSA Advising Coordination and Support Program**

DOS supports the work of EducationUSA Centers, which facilitate and increase the flow of international students to the United States to deepen and expand understanding of U.S. society, culture, and values in other countries, and to expand the understanding of foreign cultures and societies by Americans through the increased participation of U.S. students in study abroad programs. Applicants may apply for one or both of two components: Regional and Country EducationUSA Advising Coordination; or EducationUSA Center Advising Support. Approximately \$7.9 million is available to support two to five awards. Application guidelines are available [online](#). **Deadline: April 24**

### **Japan Society for the Promotion of Science – Invitation Fellowship Programs for Research in Japan**

This program provides short-term and long-term fellowships to promote international cooperation and mutual understanding in scientific research between Japan and other countries. United States candidates must either be invited by scientists at Japanese institutions or be recommended by NIH, the approved nominating authority for the United States. Application guidelines are available at [http://www.jsps.go.jp/english/e-inv/how\\_set.htm](http://www.jsps.go.jp/english/e-inv/how_set.htm). **Deadline: May 12**

## Awards Received February 1 through February 28, 2009

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### Academic Affairs

#### Dr. Sandra Cook

*American Council on Education:* "Support to Severely Injured Veterans at Balboa Hospital & Camp Pendleton," \$65,693

#### Dr. Ethan Singer and Mr. Timothy Allen

*Price Charities:* "School in the Park Aide," \$5,025

### College of Arts & Letters

#### Geography

#### Dr. Ming-Hsiang Tsou and Dr. Kathleen Farley

*International Community Foundation:* "Baja-Eco-Info Mapping Tool: Mapping Conservation and Threats for the Gulf of California," \$11,500

#### Office of the Dean

#### Dr. Mary Ann Lyman-Hager

*MiLanguage Corporation:* "Foreign Language Training-Naval Special Warfare Group One (NWSG-1)," \$14,708

### College of Business Administration

#### Marketing

#### Dr. Donald Sciglimpaglia

*City of National City:* "National City Small Business Consulting," \$25,000

### College of Education

#### Administration, Rehabilitation & Postsecondary Education

#### Dr. Fred McFarlane and Dr. Caren Sax

*California State University, Office of the Chancellor:* "Hawaii Vocational Rehabilitation and Services for the Blind Division Master's Degree Training in Rehabilitation Counseling/ Comprehensive System for Personnel Development Grant with SDSU Research Foundation 's Interwork Institute," \$100,000

#### Dr. Caren Sax

*California Department of Developmental Services:* "Exceptional Family Resource Center," \$169,599 ▪ *WestEd Center for Prevention & Early Intervention:* "Support for Families of Children with Disabilities," \$2,422

#### Educational Leadership

#### Dr. Joseph Johnson

*Seminole County Public Schools:* "Evaluating the Effectiveness of the Success for All Program in Six Elementary Schools," \$1,000

#### Policy Studies in Language & Cross-Cultural Education

#### Dr. Karen Cadiero-Kaplan

*Escuela Normal de Altacomulco:* "TIES Teacher Training," \$100,920

### College of Engineering

#### Electrical & Computer Engineering

#### Dr. Satish Sharma

*NextGen Aeronautics:* "Platform Independent Omni-directional Antennas," \$28,000

#### Mechanical Engineering

#### Dr. Karen May-Newman and Dr. Andrew Szeto

*National Science Foundation:* "Senior Design Projects Developing Assistive Technology at San Diego State University," \$49,998

## College of Health & Human Services

### Graduate School of Public Health

#### Dr. Stephanie Brodine

*International Community Foundation:* "TB in the San Diego-Baja Region: Time for Community Based Solutions," \$45,618

#### Dr. Suzanne Lindsay

*Regional Task Force on the Homeless:* "San Diego County Homeless Data Advisory Board," \$7,750

#### Dr. Stergios Tsai Roussos

*Robert Wood Johnson Foundation:* "Shared Decision-making When an Interpreter is Needed: A Case Study with Limited English Proficiency Latino Men and Prostate Cancer Screening," \$150,357

#### Dr. Emmanuel Rudatsikira

*California Department of Public Health:* "EWIDS (Early Warning Infectious Disease Surveillance)," \$709,108

#### Dr. Gregory Talavera and Dr. John Elder

*National Heart, Lung, and Blood Institute:* "San Diego Hispanic Community Health Study Partnership," \$2,631,530

#### Dr. Ann de Peyster

*Isis Pharmaceutical:* "Characterization of the Nephrotoxicity of Oligonucleotides," \$4,592

### School of Social Work

#### Mr. Michael Eichler

*Alex Smith Foundation:* "Alex Smith Foundation Guardian Scholars Program," \$100,000

#### Dr. John Landsverk

*University of California at San Diego:* "System of Care Evaluation (SOCE)," \$60,939

### School of Speech, Language & Hearing Sciences

#### Dr. Karen Emmorey

*Gallaudet University:* "Collaborative Research: Science Learning Center Visual Language and Visual Learning (VL2)," \$25,000

## Imperial Valley Campus

#### Dr. Elizabeth Cordero

*Imperial Valley Regional Occupational Program:* "Evaluation of Project Juntos," \$7,500

## College of Professional Studies & Fine Arts

### Exercise & Nutritional Sciences

#### Dr. Jeanne Nichols-Bernhard and Dr. Simon Marshall

*American Council on Exercise:* "Exergames for Older Adults," \$9,815

## College of Sciences

### Office of the Dean

#### Mr. Matthew Rahn

*Stetson Engineers, Inc.:* "Hydrological and Biological Technical Support for the Lower Santa Margarita River," \$35,822

### Biology

#### Dr. Douglas Deutschman

*The Nature Conservancy:* "Vegetation Sampling for TNC Conserved Lands," \$149,239 ▪ *The Nature Reserve of Orange County:* "Improving Statistical Sampling and Vegetation Monitoring for the NROC Reserves in Central OC: Year 3," \$74,709

#### Dr. Christopher Glembotski

*Rees-Stealy Research Foundation:* "Student Support for Medical Research," \$50,000

#### Dr. Roberta Gottlieb and Dr. Asa Gustafsson

*National Heart, Lung, and Blood Institute:* "Juvenile Mouse Model of Delayed Anthracycline Cardiotoxicity," \$373,750

#### Dr. Estralita Martin

*CSU Sacramento University Enterprises, Inc.:* "CSU Louis Stokes Alliance for Minority Participation (LS-AMP) Phase IV," \$20,150

**Dr. Leroy McClenaghan and Mr. Thomas Zink**

*United States Navy:* "Restoration, Revegetation and Erosion Research at National Training Center, Fort Irwin," \$158,151

**Dr. Paul Paolini**

*Rees-Stealy Research Foundation:* "Peabody Award for Undergraduate Students: Folu Ani," \$5,000

**Chemistry & Biochemistry****Dr. Carl Carrano**

*University of California, Office of the President:* "The Role of Bacteria Symbiotic Metabolites in the Development of Toxic Phytoplankton Blooms," \$65,668

**Geological Sciences****Dr. Steven Day**

*National Science Foundation:* "Earthquake Rupture Simulations: Thermo-mechanical Models, and Validation With Strong Motion Data," \$95,754

**Dr. Thomas Rockwell**

*National Science Foundation:* "Improving the Chronology of Deformation and Earthquakes at La Rinconada, Argentina," \$35,658

**Mathematics & Statistics****Dr. Jose Castillo and Dr. Marie Roch**

*University of California at San Diego:* "CyberBridge," \$117,623

**Physics****Dr. Calvin Johnson**

*U.S. Department of Energy:* "Low-energy Nuclear Physics National HPC Initiative: Building a Universal Nuclear Energy Density Functional," \$55,000

**Dr. Malgorzata Stramska**

*National Aeronautics and Space Administration:* "Seasonal and Interannual Variability in the Vertical Flux of Particulate Organic Carbon in the North Polar Atlantic," \$134,162

**Psychology****Dr. May Yeh**

*National Institute of Mental Health:* "Symptom Severity, Treatment Engagement, and Outcomes for Culturally Diverse Youth: Katherine Tsai," \$26,481

**KPBS: Educational Radio & Television****Mr. Thomas Karlo**

*California HealthCare Foundation:* "Expanding Health Care Reporting in Southern California," \$240,000 ▪ *KCET:* "A Place of Our Own," \$7,500 ▪ *WETA:* "KPBS Presents: "The National Parks, America's Best Idea," \$7,500

**Interdisciplinary Programs****Dr. Fred McFarlane (Administration, Rehabilitation & Postsecondary Education) and Dr. Janusz Supernak (Civil, Construction & Environmental Engineering)**

*Nangarhar University Ministry of Higher Education:* "Partnership Agreement Between Nangarhar University and SDSURF for Civil, Construction, and Environmental Engineering (CCEE)," \$853,142

**Dr. Gordon Lee (Electrical & Computer Engineering), Dr. Eric Frost (Geological Sciences) and Mr. Barry Janov (SDSU Research Foundation)**

*Space and Naval Warfare Systems Command:* "Theoretical Analysis, Explanatory Studies and Technical Services," \$95,000

**Dr. Douglas Stow (Geography), Dr. Eric Frost (Geological Sciences) and Dr. Piotr Jankowski (Geography)**

*University of Arizona:* "Situational Awareness and Decision Support for Controlling Cross-border Smuggling," \$65,055

**Dr. Murray Jennex (Information & Decision Systems), Dr. Eric Frost (Geological Sciences) and Mr. Robert Judge (Information & Decision Systems)**

*University of Arizona:* "Risk Assessment Mitigation and Alignment," \$18,258