

# RESEARCH ADVOCATE

SPONSORED PROJECTS OFFICE, UNIVERSITY OF CALIFORNIA, BERKELEY

NOVEMBER 2005

A Newsletter for  
Berkeley Researchers



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### **SPO is Hiring!**

SPO is recruiting for two  
Research Administrator  
(Administrative Analyst, Job  
#3528) positions for federal  
and nonfederal grants and  
contracts. Please see SPO's  
web site for more information.

**Sponsored Projects Office**  
<http://www.spo.berkeley.edu>

## **Quick Reference for Grants.gov**

Grants.gov is the central portal that the federal government is implementing for grant submissions. Grants.gov is intended to be a simple, unified source to electronically find, apply for, and manage grant opportunities from all federal grant-making agencies. The various agencies are phasing in the transition to Grants.gov incrementally. The system was developed as part of the President's Management Agenda and related E-Government Strategy. Grants.gov has two main components:

**Find** (<http://www.grants.gov/Find>) - search for funding opportunities

**Apply** (<http://www.grants.gov/Apply>) - download application packages, complete applications locally

This article is a quick reference for Berkeley investigators and staff using the Grants.gov "Apply" function.

### **Tips before you start**

- Start early! Especially if you are using Grants.gov for the first time.
- Grants.gov requires use of a free software program called PureEdge Viewer to open and work on application packages. PureEdge was written for Windows machines, but will work on Macintosh computers when using a Windows emulation program. If you have problems, contact a SPO research administrator. SPO is working on alternatives for Macintosh users.
- Principal investigators and campus staff do not create Grants.gov accounts. The only account holders are SPO research administrators who submit applications with Grants.gov.
- The Data Universal Number System (DUNS) number for the University of California, Berkeley is 124726725. UC Berkeley is already in the Central Contractor Registry (CCR); do not re-register the institution.
- Principal investigators and campus staff do not submit the application. SPO research administrators submit applications with Grants.gov. PIs must submit a printed proposal copy to SPO for review along with the signed Proposal Review Form (PRF). After SPO reviews the printed proposal and the PRF, the completed and checked final application package is sent to SPO as an email attachment or on a CD. SPO then submits the application.
- The Grants.gov Customer Support section (<http://www.grants.gov/CustomerSupport>) has some good resources for learning and using the system: Training Demonstration, Tutorial, and User Guide.

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## **Proposal Submission During the Holidays**

The Sponsored Projects Office and the Industry Alliances Office will be closed for the campus energy curtailment beginning Monday, December 26, 2005, through Sunday, January 1, 2006.

- Proposals with deadlines during the campus shutdown should arrive at SPO or IAO by Friday, December 9, 2005.
- Proposals due at agencies in early January should be at SPO or IAO before Friday, December 16, 2005.
- SPO will also be closed for the afternoon (beginning at 12 noon) on Friday, December 16, 2005.

## ***Paying Salary Supplements Through Grants to Those on Military Leave***

The University of California Policy on Supplement to Military Pay states that “the University will provide to eligible employees supplemental payments equal to the difference between the employees’ University base pay and their military pay and allowances and will continue the UC contribution to health plan premiums.”

The campus policy, guidelines, and resources on supplement to military pay is available at <http://hrweb.berkeley.edu/policy/military.htm>. A campus memo extending this policy through June 30, 2006 is available at [https://mossberg.berkeley.edu/CALmessages/display\\_message.asp?d=11/1/2005&s=100](https://mossberg.berkeley.edu/CALmessages/display_message.asp?d=11/1/2005&s=100).

According to OMB Circular A-21, “Cost Principles for Educational Institutions,” this supplement is an allowed cost on grants. Section 10.f in A-21 states:

Fringe benefits.

(1) Fringe benefits in the form of regular compensation paid to employees during periods of authorized absences from the job, such as for annual leave, sick leave, military leave, and the like, are allowable, provided such costs are distributed to all institutional activities in proportion to the relative amount of time or effort actually devoted by the employees.

## ***NASA Grants to be Centralized at New Service Center***

On March 1, 2006, the NASA Shared Services Center (NSSC) at the Stennis Space Center plans to open for business. Business will include pre-award and post-award support for NASA grants and cooperative agreements.

The NSSC will centralize and consolidate a variety of transactional and administrative activities for NASA that are currently being done at each Center. Services provided by the NSSC will include procurement (including grants and contracts), human resources, financial management, and information technology.

NASA plans to move grant functions from the NASA centers to NSSC in four steps during fiscal years 2006 through 2008. The first group of grants is scheduled to move to NSSC in May 2006, and will include grants and agreements from Dryden Flight Research Center, Glenn Research Center, Kennedy Space Center, and Stennis Space Center; the second group, including Marshall Space Flight Center and Johnson Space Center, will move in October 2006; the third, Goddard Space Flight Center, is scheduled for April 2007; and the last group, Ames Research Center and Langley Research Center, will move in January 2008. The NSSC web site is <http://nssc.nasa.gov/>. See <http://nssc.nasa.gov/documents/presentations/Procurement.pdf> for the transition schedule.

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## **Quick Reference for Grants.gov**

(continued from page 1)

### **Steps for using Grants.gov “Apply”**

#### **1. Download and Install PureEdge Viewer**

- PureEdge Viewer was written for Microsoft Windows. To run the software on an Apple Macintosh computer, install Virtual PC or other emulator software first
- PureEdge Viewer is a small, free program required by Grants.gov to access, complete and submit applications. The software should be installed by everyone who will be working on the submission. People who will only be contributing documents such as PDF files will not need the software.
- To install the viewer, go to <http://www.grants.gov/DownloadViewer> and download the Viewer and the Upgrade patch.

#### **2. Identify and Download the Application Package**

- Each application package is specific to a specific grant program and deadline and cannot be used for other grant programs.
- Use Grants.gov “Find” to search for and identify the grant program you want to apply for, and click the “Apply for Grant Electronically” button at the bottom of the page.
- Or, if you know the program-specific CFDA number or Funding Opportunity Number, go to [https://apply.grants.gov/forms\\_apps\\_idx.html](https://apply.grants.gov/forms_apps_idx.html), type in the number, and download the application package and instructions.

#### **3. Complete the Application Package**

- Application instructions provide guidance on how to complete the application. The steps below should be sufficient to have your application accepted by Grants.gov. However, the agency may reject it in a later step if you do not follow all of the program application instructions.
- Complete all fields that are yellow, or the application package will not be validated. If a yellow question doesn’t apply, answer with a zero or N/A.
- For the SF424(R&R) form, the DUNS for UC Berkeley is 124726725, the Employer Identification number (EIN) is 946002123, and the Congressional District is 9th.
- Open and complete all the forms listed in the mandatory box.
- Move all the forms in the mandatory box to the “Completed Documents for Submission” box.
- Move all optional completed forms and/or documents to the “Optional Completed Documents for Submission” box.
- Click the “Verify Package” button. Make sure no errors are returned.
- Click the “Save” button to save the final copy of the application.

- Make sure that the “Submit” button is now active, although you will not be able to submit the application.
- If you revise the application, you must repeat the last three steps.

#### **4. Provide a Printed Copy and PRF to SPO for Review**

- Submit a printed copy of the application to the appropriate SPO administrator for review along with the signed Proposal Review Form (PRF). This includes documentation of collaborative subagreements.
- SPO requests applications ten working days before the agency deadline to allow sufficient time for review.
- After SPO review, make any necessary changes in Grants.gov and provide SPO with the revised printed copy.

#### **5. Provide the Final Copy to SPO for Submission to Grants.gov**

- Submit a final electronic copy of the grant application to the appropriate SPO administrator by sending the file as an email attachment or delivering a copy on CD to SPO.
- SPO will then submit the application to Grants.gov.

#### **6. After Submission to Grants.gov**

- After the application is submitted, the SPO administrator will receive email and forward it to the administrator and the PI.
- Email from Grants.gov will confirm if the proposal was received and if it passed or failed data verification.
- Later, email from the agency will confirm that the agency received the application and if it passed or failed data verification.
- If there are errors in Grants.gov submission, you must correct them and email or deliver the application to SPO so that SPO can resubmit it.
- Once the proposal has been accepted by the agency, it is no longer in Grants.gov. The only way to check on its status is to query the agency (for example, FastLane for NSF proposals).

#### **Resources**

Grants.gov: <http://www.grants.gov/>

Grants.gov Customer Support: <http://www.grants.gov/>

List of Programs Using Grants.gov:

<http://www.grants.gov/assets/GrantsgovProgramsList.pdf>

NIH Electronic Submission of Grant Applications:

<http://era.nih.gov/ElectronicReceipt/>

NSF Grants.gov Application Guide:

<http://www.nsf.gov/bfa/dias/policy/docs/grantsgovguide.pdf>

DOE Office of Science: <http://www.science.doe.gov/grants/>  
Department of Education:

<http://www.ed.gov/policy/fund/guid/gposbul/esubmitpolicysummary.html>

NEH on Grants.Gov:

<http://www.neh.gov/grants/grantsgov/about.html>

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## ***No Changes for Employee Benefits Projection Rates***

The University of California Office of the President prepares and issues employee benefits projections for use in proposal budgets. The projection rates are available at <http://www.spo.berkeley.edu/Policy/benefits/benefits.html> on the SPO web site.

The most recent projection rates for employee benefits are available in UCOP Memo No 99-01 and UCOP Memo No 99-01, supplement 1. According to UCOP, these rates should still be used in proposals.

Postdocs benefits have changed recently, but for proposal budget purposes, the academic rate of 17 percent should be used. Note however, that for postdocs and all other types of employees, actual rates can be used if different.

## ***Protected Information: Check with SPO Before Providing to Agency***

Sponsors sometimes ask for personal information about principal investigators and personnel to be assigned to a project, particularly citizenship, visa status, nationality or country of origin. Terms can appear in requests for proposals, application forms, and award documents. One example is the American Diabetes Association, which asks applicants who are not U.S. citizens to provide a photocopy of their Permanent Resident Card.

Do not provide this type of personal information to the agency directly; contact a SPO research administrator. SPO will work with the agency to explain University policy related to such requests.

A UCOP Research Administration Office memo, "Provision of Information on Citizenship, Visa Status, Nationality or Country of Origin: Federal and State Law and Regulation" provides detailed guidance on responding to requests for personal information. The memo is available at <http://www.ucop.edu/raohome/cgmemos/04-02.html>.

The memo points out that the University is precluded under federal and State laws, including the Immigration Reform and Control Act of 1986 and the California Information Practices Act, from providing such information; that providing the information is also contrary to the federal Privacy Act Notice on the Office of Management and Budget approved form I-9, Employment Eligibility Verification, issued by the U.S. Citizenship and Immigration Services which forms the basis for the collection of such information, so that providing such information could also constitute a violation of the federal Privacy Act of 1974.

## ***Funding Program Announcements***

These summaries are compiled from the Community of Science and IRIS funding opportunities databases and from agency announcements.

Find programs with funding in your area of interest by using the COS (<http://fundingopps.cos.com/>) or IRIS (<http://www.library.uiuc.edu/iris/>) databases to search or browse program announcements from federal and regional government sponsors, foundations, and other organizations.

For assistance with program announcements, help with searching for funding, and for individual funding searches for Berkeley faculty, please contact Shelley Sprandel ([spore@berkeley.edu](mailto:spore@berkeley.edu), 2-8122). SPO's web site (<http://www.spo.berkeley.edu/funding.html>) has additional resources on funding program information.

### ***Agriculture Department***

- Biology of Weedy and Invasive Species in Agroecosystems. CSREES NRI. Deadline: 12/16/05 for letter of intent. Synopsis: Support for inter-disciplinary experimental, observational, theoretical, and modeling studies of invasive species that lead to ecological and economic models in cost/benefit analyses of different management, control and elimination strategies. URL: [http://www.csrees.usda.gov/funding/rfas/pdfs/06\\_nri.pdf](http://www.csrees.usda.gov/funding/rfas/pdfs/06_nri.pdf) (page 86)
- Integrated Organic Program. CSREES NRI. Deadline: 12/20/05. Synopsis: Funds programs to improve the competitiveness of organic producers and producers who are adopting organic practices. Also funds programs that enhance the ability of producers and processors who have already adopted organic standards to grow and market high quality organic agricultural products. URL: [http://www.csrees.usda.gov/funding/rfas/pdfs/06\\_organic.pdf](http://www.csrees.usda.gov/funding/rfas/pdfs/06_organic.pdf) (PDF file)
- Agricultural Plants and Environmental Adaptation. CSREES NRI. Deadline: 1/10/06. Synopsis: Supports fundamental plant research and training in plant breeding to optimize biological yield and quality while improving tolerance to environmental stress in agriculturally important plants. Priorities for research are: water stress, global change stress, and temperature stress. URL: [http://www.csrees.usda.gov/funding/rfas/nri\\_rfa.html](http://www.csrees.usda.gov/funding/rfas/nri_rfa.html) (page 55)
- Biobased Products and Bioenergy Production Research. CSREES NRI. Deadline: 1/12/06. Synopsis: Program activities will expand science-based knowledge and technologies to support the efficient, economical and environmentally friendly conversion of biomass, more specifically agricultural residuals into value-added industrial products and biofuels. URL: [http://www.csrees.usda.gov/funding/rfas/pdfs/06\\_nri.pdf](http://www.csrees.usda.gov/funding/rfas/pdfs/06_nri.pdf) (page 65)

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## ***Agriculture Department*** (continued)

■ CSREES NRI. Deadline: 1/19/06. Synopsis: The following program elements share this deadline: Water and Watersheds; Soil Processes; and Nanoscale Science and Engineering for Agriculture and Food Systems. URL: [http://www.csrees.usda.gov/funding/rfas/pdfs/06\\_nri.pdf](http://www.csrees.usda.gov/funding/rfas/pdfs/06_nri.pdf) (pages 76, 79, and 81 respectively)

■ Rural Development. CSREES NRI. Deadline: 2/1/06. Synopsis: Funds examination of social, economic, demographic, and/or policy conditions that foster or impede improved quality of life for rural residents, as well as recommendations for policies and practices effective in creating and sustaining rural community vitality and prosperity. URL: [http://www.csrees.usda.gov/funding/rfas/pdfs/06\\_nri.pdf](http://www.csrees.usda.gov/funding/rfas/pdfs/06_nri.pdf) (page 87)

■ CSREES NRI. Deadline: 2/7/06. Synopsis: The following program elements share this deadline: Developmental Processes of Agricultural Plants; Agricultural Plant Biochemistry. URL: [http://www.csrees.usda.gov/funding/rfas/pdfs/06\\_nri.pdf](http://www.csrees.usda.gov/funding/rfas/pdfs/06_nri.pdf) (pages 60 and 61, respectively)

■ Plant Genome. CSREES NRI. Deadline: 2/15/06. Synopsis: Supports genetically oriented projects ranging from technology development to fundamental science and practical application for crop or forestry improvement in the U.S. URL: [http://www.csrees.usda.gov/funding/rfas/pdfs/06\\_nri.pdf](http://www.csrees.usda.gov/funding/rfas/pdfs/06_nri.pdf) (page 33)

■ Biology and Genomics of Arthropods and Nematodes. Deadline: 3/1/06. Synopsis: Supports fundamental research at the suborganismal and molecular levels to address the problem of controlling invasive and re-emerging pests and the nation's over-dependence on environmentally persistent pesticides. URL: [http://www.csrees.usda.gov/funding/rfas/pdfs/06\\_nri.pdf](http://www.csrees.usda.gov/funding/rfas/pdfs/06_nri.pdf) (page 31)

## ***Commerce Department***

■ Open Rivers Initiative. NOAA. Deadline: 1/13/06. Synopsis: Provides funding and technical assistance for locally driven barrier removal projects to remove dams and other barriers, in order to benefit living marine resources, particularly diadromous fish. URL: [http://www.nmfs.noaa.gov/habitat/restoration/projects\\_programs/crp/partners\\_funding/callforprojects3.html](http://www.nmfs.noaa.gov/habitat/restoration/projects_programs/crp/partners_funding/callforprojects3.html)

## ***Defense Department***

■ ONR Young Investigator Program (YIP). Deadline: 1/12/06. Synopsis: This program supports academic scientists and engineers who have received Ph.D. or equivalent degrees within the last five years (on or after 01 November 2000 for this FY06 competition) and who show

exceptional promise for doing creative research. Proposals addressing the priority research areas in the solicitation will be considered. URL: <http://www.fedgrants.gov/Applicants/USN/ONR/HQ/BAA06-002/listing.html>

■ Nano Air Vehicle Program. DARPA. Deadline: 12/12/05. Synopsis: Soliciting innovative proposals for the research and development of very small (<7.5cm), very lightweight (<10 grams) UAVs (nano air vehicles). The goal of this program is to prove the feasibility and viability of UAV on this extremely small scale. URL: <http://www.darpa.mil/baa/baa06-06.html>

■ VisiBuilding: ISR for Building Interiors. DARPA. Deadline: 1/4/06 for initial round; ends 10/24/06. Synopsis: The goal of the VisiBuilding program is to develop knowledge-deriving architectures for sensing people and objects in buildings. A key component will be making the technology operationally useful to support all stand-off sense-through-buildings operations. URL: <http://www.darpa.mil/baa/baa06-04.html>

■ Microsystems Technology. Navy Space and Naval Warfare Systems Center. Deadline: 1/5/06. Synopsis: Seeking proposals (technical and cost) for research and development in the following areas: (1) microelectronics, (2) microelectromechanical systems, and/or (3) photonics technology. URL: <http://fedbizopps.cos.com/cgi-bin/getRec?id=20050107a6>

■ National Oceanographic Partnership Program. Office of Naval Research. Deadline: 1/24/06. Synopsis: Seeks proposals for new projects in Education and Outreach, to increasing public awareness, knowledge, and understanding of the oceans, and in Collaboration, to strengthen inter-agency initiatives in oceanographic research and operations. URL: [http://www.onr.navy.mil/02/baa/docs/baa\\_05\\_026.pdf](http://www.onr.navy.mil/02/baa/docs/baa_05_026.pdf)

■ Information Institute Research Program. Air Force Office of Scientific Research. Deadline: 3/1/06. Synopsis: Funds basic and exploratory research projects with innovative approaches in the area of information science and technology. URL: <http://www.fbo.gov/spg/USAF/AFMC/AFRLRRS/Reference%2DNumber%2DBAA%2D06%2D01%2DIFKA/SynopsisP.html>

## ***Energy Department***

■ Renewable Hydrogen Production. Deadline: 12/15/05. Synopsis: Proposals are sought to design, install, and commission a renewable hydrogen production facility to provide 15-20 kg of hydrogen per day via electrolysis. URL: <http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-PS36-06GO96010/Grant.html>

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## ***Energy Department*** (continued)

■ Biomass Research and Development Initiative. Deadline: 4/3/06. Synopsis: Financial assistance for innovative research, development, and demonstration of biomass based products, bioenergy, biofuels and related processes. URL: <http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-PS36-06GO96002P/Grant.html>

## ***Environmental Protection Agency***

■ Environmentally Benign Manufacturing and Processing. Deadline: 1/31/06. Synopsis: Seeks applications directed at avoiding or minimizing the generation of pollutants at the source. Projects should aim for industrial manufacturing and processing technologies that support pollution avoidance/prevention, efficient resource and energy use, and industrial ecology. URL: [http://es.epa.gov/ncer/rfa/2006/2006\\_gro\\_solicitation.html](http://es.epa.gov/ncer/rfa/2006/2006_gro_solicitation.html)

■ Ecology and Oceanography of Harmful Algal Blooms. NCER. Deadline: 1/10/06. Synopsis: Provides support for a wide range of research on algal species whose populations may cause or result in deleterious effects on human and ecosystem health and coastal economies, contributing to detection, monitoring, prediction, control, and mitigation of harmful algae and their impacts. URL: [http://es.epa.gov/ncer/rfa/2005/2005\\_ecohab.html](http://es.epa.gov/ncer/rfa/2005/2005_ecohab.html)

## ***Health and Human Services Department***

■ Career Transition Award in Patient-Oriented Research. NIDDK. Deadline: 2/1/06. Synopsis: A five-year mentored career development award meant to attract outstanding physician-scientists to a clinical research training program that will endow them with the fundamental skills and investigational tools necessary for successful careers in patient-oriented research. URL: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-002.html>

■ Epigenetics of Neurobiology and Addiction. NIDA. Deadline: 1/23/06. Synopsis: Solicits applications that will link epigenetics changes to other biological changes (i.e., neuroplasticity) from gene expression to behavior (i.e., addiction). This program will also support acquisition of preliminary data on epigenetic mechanisms related to addiction. URL: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-DA-06-007.html>

■ Environmental Influences on Epigenetic Regulation. NIEHS, NCI. Deadline: 1/18/06. Synopsis: Solicits applications that examine epigenetic changes as a part of the mechanisms of action of environmental agents in the etiology, prevention, or progression of disease dysfunction. Applicants may use in vitro systems, eukaryotic animal models or human specimens. URL: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-ES-05-007.html>

■ Hypertension and Inflammation. NHLBI. Deadline: 2/1/06. Synopsis: Funds the study of the sequence of events in which the vascular inflammatory state contributes to the development and maintenance of hypertension. This initiative provides an opportunity to bring focus on the potential causal relationship between hypertension and inflammation. URL: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-035.html>

■ Developmental Grant For Patient-Oriented Research. NIDCD. Deadline: 2/15/06. Synopsis: Accepting developmental grant applications that will lead to future patient-oriented research in the areas of hearing, balance, smell, taste, voice, speech and language. The intent is to support partnerships among researchers and/or interested organizations for developmental and planning activities. URL: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-DC-07-001.html>

■ Phased Infrastructure Grant for Patient-Oriented Research. NIDCD. Deadline: 2/15/06. Synopsis: Invites problem-driven innovative applications to address infrastructure needs for patient-oriented research in the areas of hearing, balance, smell, taste, voice, speech and language. URL: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-DC-07-002.html>

■ Patient-Oriented Research Grant. NIDCD. Deadline: 2/1/06. Synopsis: Invites full research grant applications for patient-oriented research in the areas of hearing, balance, smell, taste, voice, speech, and language. URL: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-040.html>

■ Basic Behavior in Animal Models. NIGMS, NICHD. Deadline: 2/1/06. Synopsis: The purpose of the initiative is to facilitate collaborative research, involving behavioral scientists and investigators with expertise in molecular biology and/or genomics, which addresses questions about basic mechanisms of behavior in animal models. URL: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-038.html>

■ International Collaboration on Drug Addiction. NIDA. Deadline: 2/1/06. Synopsis: Solicits collaborative research proposals on drug abuse and addiction that take advantage of special opportunities that exist outside the United States that will speed scientific discovery. URL: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-050.html>

■ Dissemination and Implementation Research in Health. NIH. Deadline: 1/24/06. Synopsis: Solicits research grant applications that will identify, develop, and refine effective and efficient methods, structures, and strategies that test models to disseminate and implement research-tested measures for intervention, prevention, diagnosis, treatment, and quality of life improvement. URL: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-039.html>

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## **Health and Human Services** (continued)

- Centers of Excellence: Complementary and Alternative Medicine. NCCAM. Deadline: 2/23/06. Synopsis: Funds Centers comprised of three or four synergistic, R01-level projects focused on the mechanisms of action of Complementary/Alternative therapies or modalities. URL: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-047.html>
- Determining Prevalence of Autism Spectrum Disorders. NCBDDD. Deadline: 1/3/06. Synopsis: The purpose is to design or enhance methodologies for identification of early childhood and young adult populations with autism spectrum disorders as a prototype for other developmental disabilities. URL: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-DD-06-001.html>
- Assay Development for High Throughput Molecular Screening. NIH. Deadline: 1/12/06. Synopsis: Funds development and adaptation of biological assays for automated high throughput molecular screening. URL: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-RM-06-004.html>
- Interdisciplinary Developmental Science Centers for Mental Health. NIMH. Deadline: 3/28/06. Synopsis: Invites applications for Formative Centers and Mature Centers to support integrative research environments conducting innovative cross-disciplinary investigations of neurobehavioral developmental mechanisms responsible for psychopathology in childhood and adolescence. URL: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-053.html> (Mature); <http://grants1.nih.gov/grants/guide/pa-files/PA-06-062.html> (Formative)
- Parkinson's Disease Centers of Excellence. NINDS. Deadline: 2/1/06. Synopsis: Each center may contain any proportion of basic, translational, and clinical research. Research objectives should studies of Parkinson's disease, parkinsonisms, and related disorders. URL: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-058.html>
- Non-injection Drug Abuse and HIV/AIDS. NIDA, NIMH. Deadline: 2/1/06. Synopsis: Supports drug abuse research that elucidates the contribution of non-injection drug abuse to the acquisition and/or transmission and/or disease progression of HIV/AIDS. URL: <http://grants1.nih.gov/grants/guide/pa-files/PAS-06-054.html>
- Health Services Research. AHRQ. Deadline: 2/1/06. Synopsis: Supports research, demonstration, dissemination, and evaluation projects to: support improvements in health outcomes; strengthen quality measurement and improvement; and identify strategies to improve access, foster appropriate use, and reduce unnecessary expenditures. URL: <http://grants.nih.gov/grants/guide/pa-files/PA-00-111.html>
- Grants for Violence-Related Injury Prevention Research. CDC. Deadline: 2/1/06. Synopsis: Investigator-initiated research that will help expand and advance our understanding of violence, its causes, and prevention strategies. URL: <http://www.cdc.gov/od/pgo/funding/CE06-004.htm>
- Science and Ecology of Early Development. NICHD, NIDA. Deadline: 2/1/06. Synopsis: Funds studies on the social, economic, cultural, and community-level factors that affect developmental processes and outcomes for children living in poverty, and that draw on current theoretical and methodological advances in social, behavioral, and biobehavioral research. URL: <http://grants.nih.gov/grants/guide/pa-files/PA-04-113.html>
- Preventing Unintentional Injuries. NCIPC. Deadline: 2/3/06. Synopsis: Solicits research on what works to prevent unintentional injuries, and how what works can best be translated for maximum impact in public health. URL: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-CE-06-001.html>
- Traumatic Brain Injury Consequences. NCIPC. Deadline: 2/1/06. Synopsis: Supports research that will help expand and advance our understanding of traumatic brain injury (TBI). Projects should aim to determine the prevalence of TBI-related disability and other outcomes and related risk factors among children and youth. URL: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-CE-06-003.html>
- Care of the Acutely Injured. NCIPC. Deadline: 2/3/06. Synopsis: Funds research that will help expand and advance our understanding of the care of the acutely injured. URL: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-CE-06-005.html>
- Social Neuroscience. NIH. Deadline: 2/23/06. Synopsis: The purpose of this RFA is to stimulate clinical and preclinical investigations of the cognitive/behavioral processes and neurobiological mechanisms of social behavior relevant to alcohol and drug abuse and decision making and judgment over the life course. URL: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-DA-06-004.html>
- Mechanisms Linking Short Sleep Duration and Risk of Obesity or Overweight. NHLBI. Deadline: 1/25/06. Synopsis: Supports studies elucidating cause-and-effect relationships and mechanisms to explain associations between sleep duration and the increased risk of obesity or overweight due to altered metabolism, appetite, or inflammation. URL: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-HL-06-003.html>

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## **Health and Human Services** *(continued)*

■ Complementary and Alternative Medicine. NCCAM, NCI, ODS. Deadline: 2/1/06. Synopsis: This initiative encourages researchers to carry out basic and/or preclinical research on CAM areas of special interest with an aim to understand the mechanisms of action of a CAM modality. URL: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-064.html>

■ Drug Abuse and Criminal Justice Related Health Disparities among African Americans. NIDA. Deadline: 2/1/06. Synopsis: Supports new drug abuse and addiction research on criminal justice related health and disease outcomes among African Americans, especially the risk factors and pathways between drug abuse, criminal justice involvement, and HIV/AIDS risk. URL: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-068.html>

■ Health Disparities in HIV/AIDS: Focus on African Americans. NIDA. Deadline: 2/1/06. Synopsis: Drug abuse and mental health research on the exceptionally high rates of HIV among African-Americans will be supported under this program. URL: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-069.html>

■ Potential Treatment Agents for Drug Addiction. NIDA. Deadline: 2/1/06. Synopsis: Invites research applications aimed at design, synthesis, and preclinical testing of potential treatment agents for drug addiction and/or relapse prevention. Proposals are welcomed that utilize recent advances in understanding of molecular neurobiological mechanisms underlying drug addiction. URL: <http://grants1.nih.gov/grants/guide/pa-files/PAS-06-066.html>

■ Mental Health in Criminal Justice. NIMH. Deadline: 1/26/06. Synopsis: Invites applications for research on services and interventions for mental disorders or for co-occurring mental and substance abuse disorders via projects of major public health significance utilizing NIDA's National Criminal Justice Drug Abuse Treatment Services Research System (CJ-DATS). URL: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-MH-06-005.html>

■ Conferences and Scientific Meetings. NIOSH. Deadline: 4/15/06. Synopsis: Support for a gathering, symposium, seminar, conference, workshop or any other organized, formal meeting that is relevant to occupational health and safety. URL: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-014.html>

■ Dissemination and Implementation Research in Health. NIH. Deadline: 1/24/06. Synopsis: Solicits applications that will identify, develop, and refine effective and efficient methods, structures, and strategies that test models to disseminate and implement behavior interventions and improvements into public health and clinical practice

settings. R03 and R21 mechanisms are available. URL: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-071.html> (R03); <http://grants1.nih.gov/grants/guide/pa-files/PA-06-072.html> (R21)

■ Small Grants for Behavioral Research in Cancer Control. NCI. Deadline: 4/20/06. Synopsis: Invites behavioral research applications in cancer control from new investigators or established scientists refocusing their research interests to behavioral research in cancer. Awards will provide short-term support for projects with or without preliminary data. URL: <http://grants1.nih.gov/grants/guide/pa-files/PA-06-073.html>

## **Justice Department**

■ Sexual Violence from Adolescence to Late Adulthood. National Institute of Justice. Deadline: 1/10/06. Synopsis: Seeks proposals for research on sexual violence, with the purpose of increasing women's safety by informing and improving policy and practice in the criminal justice system. Proposed research may address intra-family, stranger, or acquaintance sexual violence against women and/or adolescent girls. URL: <http://www.ncjrs.org/pdffiles1/nij/sl000733.pdf> (PDF file)

■ Transnational Crime. NIJ. Deadline: 1/10/06. Synopsis: Requests proposals to conduct research on transnational crime. Proposals should develop and analyze information and empirical data having clear implications for criminal justice policy and practice at the Federal, State, or local levels. URL: <http://www.ncjrs.org/pdffiles1/nij/sl000736.pdf> (PDF file)

■ Justice Responses to Intimate Partner Violence and Stalking. NIJ. Deadline: 1/17/06. Synopsis: The primary goal of the program is to support research on the effectiveness of strategies and interventions related to intimate partner violence and stalking. URL: <http://www.ncjrs.org/pdffiles1/nij/sl000734.pdf> (PDF file)

■ Outcome Evaluations of Violence Prevention Programs. NIJ. Deadline: 2/24/06. Synopsis: Supports comprehensive evaluations of promising violence prevention programs with the objective of expanding the list of effective interventions to prevent violence to and by youth. URL: <http://www.ncjrs.org/pdffiles1/nij/sl000732.pdf> (PDF file)

## **National Aeronautics and Space Administration**

■ Concept Studies for the Joint Dark Energy Mission. ROSES-2005. Deadline: 1/20/06. Synopsis: Solicits proposals to conduct a concept study for space-based JDEM science investigations. URL: <http://nspires.nasaprs.com/external/>

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## **NASA** (continued)

■ Solar and Heliospheric Physics. ROSES-2005. Deadline: 2/10/06. Synopsis: Supports study of the solar interior, solar disk, solar atmosphere, inner heliosphere, and/or outer heliosphere through both nonflight, Supporting Research and Technology grants and Low Cost Access to Space grants. URL: <http://nspires.nasaprs.com/external/>

## **National Endowment for the Arts**

■ Translation Projects. Deadline: 1/9/06. Synopsis: Supports projects for the specific translation of prose, poetry, or drama from other languages into English. URL: <http://www.arts.endow.gov/grants/apply/LitTranslation/index.html>

■ Fellowships for Creative Writers. Deadline: 3/1/06. Synopsis: Fellowships in poetry are available to published creative writers of exceptional talent. Fellowships enable recipients to set aside time for writing, research, travel, and general career advancement. URL: <http://www.arts.endow.gov/grants/apply/Lit06/>

## **National Science Foundation**

■ Human and Social Dynamics. NSF. Deadline: 2/14/06, 2/21/06. Synopsis: Supports comprehensive, interdisciplinary approaches of understanding the dynamics of human action and development, as well as knowledge about organizational, cultural, and societal adaptation and change. The competition includes three emphasis areas: Agents of Change; Dynamics of Human Behavior; and Decision Making, Risk and Uncertainty. URL: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=11678](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11678)

■ Developmental and Learning Sciences. SBE. Deadline: 2/17/06. Synopsis: This program supports studies that increase our understanding of cognitive, linguistic, social, cultural, and biological processes related to children's and adolescents' development and learning. URL: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=8671](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=8671)

■ Ecology of Infectious Diseases. BIO, GEO, FIC. Deadline: 2/10/06. Synopsis: Supports development of predictive models and discovery of principles for relationships between anthropogenic environmental change and transmission of infectious agents. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf06506](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf06506)

■ Basic Plasma Science and Engineering. NSF, DOE. Deadline: 1/6/06. Synopsis: The initiative will address fundamental issues in plasma science and engineering that can have impact in other areas or disciplines in which improved basic understanding of the plasma state is needed. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf05619](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05619)

■ Science of Design. CISE. Deadline: 1/6/06. Synopsis: Funds projects that will bring new paradigms, concepts, approaches, models, and theories into the development of a strong intellectual foundation for software design, which will ultimately improve the processes of constructing and modifying software-intensive systems. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf05620](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05620)

■ Planetary Biodiversity Inventories. BIO. Deadline: 1/10/06. Synopsis: This program supports worldwide, species-level systematic inventories of any major group of organisms. Teams should produce descriptions, databases, and other tools regarding their group and establish predictive classifications. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf06500](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf06500)

■ Computer Systems Research. CISE. Deadline: 1/11/06. Synopsis: Supports innovative research and education projects that have the potential to lead to significant improvements in existing computer systems, software, and educational materials. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf05629](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05629)

■ Mathematical Biology. MPS. Deadline: 1/13/06. Synopsis: Supports research in areas of mathematics with relevance to the biological sciences, except statistics and probability. URL: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5690](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5690)

■ Mathematical Sciences and Chemistry. Deadline: 1/13/06. Synopsis: Funds projects of interest to both the mathematical sciences and to the chemistry division. Appropriate proposals should address at least one of these topic areas: mathematical and statistical challenges posed by large data sets; managing and modeling uncertainty; and modeling complex nonlinear systems. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf05622](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05622)

■ Analytical & Surface Chemistry. MPS. Deadline: 1/13/06. Synopsis: Supports fundamental chemical research directed toward the characterization and analysis of all forms of matter. URL: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5677&more=Y](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5677&more=Y)

■ Inorganic, Bioinorganic and Organometallic Chemistry. MPS. Deadline: 1/13/06. Synopsis: Supports research on the synthesis, properties, and reaction mechanisms of molecules composed of metals, metalloids, and nonmetals with elements covering the entire periodic table. URL: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5373](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5373)

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## **National Science Foundation** (continued)

- Earth Sciences. GEO. Deadline: 1/16/06. Synopsis: This deadline is for EarthScope; Geobiology and Environmental Geochemistry; Geomorphology and Land Use Dynamics; Instrumentation and Facilities; Sedimentary Geology and Paleobiology. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf04613](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf04613)
- Chemistry Research Instrumentation and Facilities: Instrument Development. MPS. Deadline: 1/24/06. Synopsis: Provides funds for the design and construction of instruments that will enable new chemical measurements or will significantly broaden the use of chemical instrumentation. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf04534](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf04534)
- Network for Earthquake Engineering Simulation Research. ENG. Deadline: 1/25/06. Synopsis: Invites proposals for research that utilize the George E. Brown, Jr. Network for Earthquake Engineering Simulation to advance earthquake loss reduction. Projects must utilize one or more of the NEES equipment sites and the NEESgrid cyberinfrastructure operated by NEESinc. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf06504](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf06504)
- Cyberinfrastructure for Environmental Observatories. BIO, ENG, GEO. Deadline: 1/25/06. Synopsis: Requests proposals for the development of practical environmental cyberinfrastructure prototypes along with a demonstration of their capability to answer significant environmental research questions. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf06505](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf06505)
- Scientific Computing Research Environments for the Mathematical Sciences. MPS. Deadline: 1/26/06. Synopsis: Support for computing environments for research in the mathematical sciences. Proposals may include the purchase of computing equipment and limited support for professional systems administrators or programmer personnel for research computing needs. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf05627](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05627)
- ADVANCE: Increasing Participation and Advancement of Women. Partnerships for Adaptation, Implementation, and Dissemination. NSF. Deadline: 1/27/06. Synopsis: Awards support the analysis, adaptation, dissemination and use of existing innovative materials and practices that have been demonstrated to be effective in increasing representation and participation of women in academic science and engineering careers. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf05584](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05584)
- Engineering Decision Systems Cluster. ENG. Deadline: 2/1/06. Synopsis: Four programs share this deadline: Engineering Design; Operations Research; Manufacturing Enterprise Systems; and Service Enterprise Engineering. URL: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13473&org=DMI&from=home](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13473&org=DMI&from=home)
- High End Computing University Research Activity. CISE. Deadline: 2/3/06. Synopsis: invites research and education projects in I/O, file and storage systems design for efficient, high throughput data storage, retrieval and management in the HEC environment. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf06503](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf06503)
- Division of Electrical and Communications Systems. CISE. Deadline: 2/7/06. Synopsis: The Division awards grants through these programs: Control, Networks and Computational Intelligence; Electronics, Photonics and Device Technologies; and
- Integrative, Hybrid and Complex Systems. URL: <http://www.nsf.gov/div/index.jsp?org=ECS>
- Earth Sciences: Instrumentation and Facilities. GEO. Deadline: 2/8/06. Synopsis: This program accepts proposals for Support of National or Regional Multi-User Facilities; Support of Research Technicians; and Development of Cyberinfrastructure for the Earth Sciences (Geoinformatics). URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf05587](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05587)
- Research in Disabilities Education. EHR. Deadline: 2/13/06. Synopsis: Supports research, demonstration, and dissemination efforts to increase the participation and achievement of persons with disabilities in science, technology, engineering, and mathematics education and careers. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf05623](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05623)
- Interdisciplinary Grants in the Mathematical Sciences. MPS. Deadline: 2/19/06. Synopsis: Enables mathematical scientists to undertake research and study in another discipline so as to: expand their skills and knowledge in other areas; apply this knowledge in their research; and enrich the educational experiences of their students. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf04518](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf04518)
- Modeling and Simulation-Based Life-Cycle Engineering and Manufacturing. ENG. Deadline: 3/1/06. Synopsis: Funds research projects focused on science-based experimental, computational and theoretical capabilities that enhance our understanding and confidence of the behavior of engineered systems at unprecedented multiple spatial and temporal scales. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf05616](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05616)

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## ***National Science Foundation*** (continued)

■ Mathematical Sciences and Computer Science. MPS, CISE. Deadline: 3/1/06. Synopsis: Supports teams focusing on mathematical and computational innovations relevant to these areas of interest: mathematical and statistical models, computational theory and algorithms for high-dimensional, under-sampled data sets; algorithms for scalable scientific computation; and models and algorithms for graphics and visualization. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf05622](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05622)

■ Division of Chemical and Transport Systems. ENG. Deadline: 3/1/06. Synopsis: The accepts applications through four programs: Chemical Reaction Processes; Thermal Systems; Interfacial, Transport, and Separation Processes; and Fluid and Particle Processes. URL: <http://www.nsf.gov/eng/cts/>

■ Interagency Education Research Initiative. EHR, NICHD, Education Dept. Deadline: 3/1/06 for letter of intent; 4/1/06 for full proposal. Synopsis: Invites proposals for research projects that will investigate the effectiveness of interventions designed to improve student learning and achievement in preK-12 science and/or math. Technology should be an essential part of the intervention or analysis thereof. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf04553](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf04553)

■ Assembling the Tree of Life. BIO. Deadline: 3/27/06. Synopsis: Support for creative and innovative multidisciplinary research that will resolve phylogenetic relationships for large groups of organisms. Teams will also be supported for projects in data acquisition, analysis, algorithm development and dissemination in computational phylogenetics and phyloinformatics. URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf05523](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05523)

## ***Department of Transportation***

■ Demonstration Projects and Technology Advancements Under the Next Generation High-Speed Rail Program. Deadline: 12/30/05. Synopsis: This BAA solicits demonstrations of technology advancements or techniques which can enhance the deployment of higher speed rail service in the U.S. URL: <http://www.fra.dot.gov/us/content/453>

## ***U.S. Institute of Peace***

■ Economic Recovery in Countries Emerging from Violent Conflict. Deadline: 3/1/06. Synopsis: Funds accessible, policy-oriented research and for practical projects that focus on restarting economies in countries emerging from conflict. URL: <http://www.usip.org/grants/solicited.html#a>

■ Electoral Politics in Muslim Majority Countries. Deadline: 3/1/06. Synopsis: Solicits grant proposals for policy-oriented research projects focusing on electoral politics and the diverse set of Islamist political groupings in Muslim majority countries. Comparative case studies are particularly welcome. URL: <http://www.usip.org/grants/solicited.html#b>

■ Unsolicited Grants. Deadline: 3/1/06. Synopsis: Open to any project that fits within the Institute's general mandate of international conflict resolution. Unsolicited grants are offered across a broad range of relevant disciplines, skills, and approaches. URL: <http://www.usip.org/grants/unsolicited.html>

## ***University of California***

■ Center for US-Mexican Studies. Visiting Fellows. Deadline: 1/13/06. Synopsis: Awards support postdoctoral research on any aspect of contemporary Mexico, Mexican history, and U.S.-Mexican relations. Comparative studies with a substantial Mexico component are especially encouraged. URL: [http://www.usmex.ucsd.edu/programs/visiting\\_fellows\\_program.php](http://www.usmex.ucsd.edu/programs/visiting_fellows_program.php)

■ Institute of American Cultures, UCLA. Fellowship in Ethnic Studies. Deadline: 1/13/06. Synopsis: Support oral history research in African American, American Indian, Asian American, and Chicano communities. Fellows' research must rely significantly on oral history or on qualitative interviews that have a comparable social or historical focus. URL: <http://www.gdnet.ucla.edu/iacweb/pstweber.htm>

■ Mental Health Economics Training Program. UCB Public Health. Deadline: 1/15/06. Synopsis: Advanced multidisciplinary training for outstanding Phd economists, or those with a doctorate in a closely related field, in mental health economics and the pharmacoeconomics of mental health. URL: <http://www.petriss.org/NIMH.htm>

■ Health Services Research Training Program. UCB Public Health, UCSF. Deadline: 1/15/06. Synopsis: Advanced multidisciplinary training and education for outstanding economists, political scientists, sociologists, public policy and health professionals interested in health services research training. URL: <http://www.petriss.org/AHRQ2.htm>

■ Collaborative HIV Prevention Research in Minority Communities. UCSF Center for AIDS Prevention Studies. Deadline: 1/15/06. Synopsis: A program to assist investigators already conducting HIV-prevention research with minority communities to improve their programs of research and obtain additional funding for their work. The program is open to scientists in tenure-track positions who have not yet obtained RO1 funding from the NIH or an equivalent agency. URL: <http://www.caps.ucsf.edu/projects/minorityindex.html>

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## **University of California** (continued)

- Center for Water Resources. Deadline: 1/17/06. Synopsis: The Center supports research projects that lead toward understanding, development, protection, and effective utilization of water resources and aquatic ecosystem functions. Studies on surface and underground waters, the vadose zone, and estuaries are covered. Studies with anticipated impacts critical to water issues in the state are especially welcomed. URL: <http://www.waterresources.ucr.edu/index.php?content=wrc/wrc.html>
- Tobacco-Related Disease Research Program. Deadline: 1/19/06. Synopsis: Funds prevention, cessation, nicotine addiction, policy, and biomedical research to benefit public health and reduce the suffering and economic burden due to debilitating and often lethal ailments caused or aggravated by tobacco products. Many mechanisms available at all levels. URL: <http://www.trdrp.org/Call.asp>
- Student Fellowships, New Investigator Grants, Collaborative Research Grants, and Intercampus Travel Grants. UC Toxic Substances Research and Training Program. Deadline: 1/31/06. Synopsis: Provides funds to graduate students and UC researchers eligible for PI status for research projects relevant to toxics and emerging toxics issues. Funds are also available for grad students and postdocs to initiate UC intercampus collaborations. URL: [http://tsrtp.ucdavis.edu/funded\\_projects/homepage.html](http://tsrtp.ucdavis.edu/funded_projects/homepage.html)
- Tobacco Control Policy Fellowships. UCSF Center for Tobacco Control. Deadline: 1/31/06. Synopsis: Postdoctoral Fellowships allow for one to three years of supervised research experience in tobacco control. The Center accepts applicants from a wide variety of backgrounds in science, medicine, political science, economics and history. URL: <http://tobacco.ucsf.edu/>
- Salinity/Drainage Program. Center for Water Resources. Deadline: 2/1/06. Synopsis: Research or extension activities that address and contribute to the resolution of the salinity-drainage-toxics problem in the western San Joaquin Valley are eligible for funding from this program. Proposed projects should be problem-solving oriented. URL: <http://www.waterresources.ucr.edu/index.php?content=sdp/sdp.html>
- Center for 17th- and 18th-Century Studies, UCLA. Fellowships. Deadline: 2/1/06. Synopsis: Several residential awards available for postdoctoral study on the 17th and 18th centuries using the resources of the William Andrews Clark Memorial Library. URL: <http://www.humnet.ucla.edu/humnet/c1718cs/Postd.htm>
- California Breast Cancer Research Program. Deadline: January and February 2006. Synopsis: Funds breast cancer research through Community Research Collaborations, Dissertation Awards, Postdoctoral Fellowships, IDEAs, IDEA-competitive renewals, and Conference Awards. URL: <http://www.cbcpr.org/apply/call/>
- UC Energy Institute. Deadline: 2/3/06. Synopsis: Requests proposals from UC PI's for two grant programs: California Energy Studies, which fosters research on critical energy problems and issues facing California; and Energy Science and Technology, focusing on generic, scientific and technical energy problems. URL: <http://www.ucei.berkeley.edu/ucei/RFPnotice2005.html>
- Traineeships. UCSF Center for Aids Prevention Studies. Deadline: 12/1/05. Synopsis: Invites applications for two- and three-year postdoctoral fellowships in studies relating to the prevention of AIDS. URL: <http://www.caps.ucsf.edu/tapsindex.html>
- Universitywide AIDS Research Program. Deadline: 4/4/06; 2/6/06 for letters of intent for Community Collaborative Research Awards. Synopsis: Funds Innovative, Developmental, Exploratory Awards; Research Training Awards; and Community Collaborative Research Awards. The program supports any HIV/AIDS research. URL: <http://uarp.ucop.edu/Index.html>
- UC Humanities Research Institute. Deadline: varies, from 12/1/05 to 1/15/06. Synopsis: Supports residential research groups comprised of faculty, postdocs, and grad students. Fellowships are available for participation in the 2006-07 groups: White Food: Race and the Politics of Perfection; Historical Problematics of Gender/Sexuality and the Global. Applications are also welcomed from potential conveners of the 2007-08 research groups. Also available is the Kevin Starr Postdoctoral Fellowship in California Studies. URL: <http://www.uchri.org/main.php>
- Special Projects. UC Institute for Research in the Arts. Deadline: 2/1/06. Synopsis: Supports innovative, meritorious projects involving at least two UC campuses with the potential for significant artistic and cultural impact. URL: <http://www.ucira.ucsb.edu/grants.htm>
- Sierra Foothill Research & Extension Center. Deadline: open. Synopsis: Proposals for agricultural research and demonstration projects at the Center are solicited for the upcoming program year (May 1st - April 30th). Supported projects are provided with land, labor, facilities, and management at this Mediterranean woodland ecosystem. URL: [http://danrrec.ucdavis.edu/sierra\\_foothill/research\\_new\\_projects.html](http://danrrec.ucdavis.edu/sierra_foothill/research_new_projects.html)

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## **University of California** *(continued)*

- Dissertation, Postdoctoral Fellowship, and Innovative, Developmental, Exploratory Awards (IDEAs). California Breast Cancer Research Program. Deadline: 1/12/06. Synopsis: Career development awards for postdocs and junior investigators for California-based applicants carrying out research, communication, and collaboration. URL: <http://www.cbcrp.org/apply/>
- Cancer Research Coordinating Committee. Deadline: 1/6/06. Synopsis: Grants up to \$50,000 to support promising new directions of research into all aspects of the cancer problem, including its origin, prevention and cure. Assistant professors beginning their UC research programs are especially encouraged to apply. URL: <http://crrc.ucdavis.edu/>
- Visiting Research Fellowships. Center for Comparative Immigration Studies, UCSD. Deadline: 1/16/06. Synopsis: Offered to UC students and alumni at both the predoctoral and postdoctoral levels, these fellowships support advanced research and writing on any aspect of international migration and refugee flows, in any of the social sciences, history, law, and comparative literature. URL: <http://www.ccis-ucsd.org/Programs/fellowships.htm>
- Linguistic Minority Research Institute. UC LMRI. Deadline: 2/1/06. Synopsis: Individual Grants, Collaborative Grants, Dissertation Grants, and Teacher Grants are available for UC researchers for activities dealing with the challenges that language minority youth face, as well as the resources they represent for the state. URL: <http://lmri.ucsb.edu/research/lmri-grants/call.php>
- UC Toxic Substances Research and Teaching Program, Lead Campus Program. Deadline: 2/28/06. Synopsis: TSR&TP announces the availability of up to \$270,000 per year for a maximum of 6 years (with a non-competitive review at 3 years) for a new Lead Campus program in any area relevant to the problems of toxic substances in California. URL: <http://tsrtp.ucdavis.edu>
- Christopher Reeve Paralysis Foundation. Deadline: 12/15/05. Synopsis: Supports investigator-initiated research on a variety of fronts, including axon growth and guidance, remyelination, cellular replacement, rehabilitation and neuroprotection. URL: [http://www.christopherreeve.org/site/c.geIMLP0pGjF/b.1048711/k.6606/Individual\\_Research\\_Grants.htm](http://www.christopherreeve.org/site/c.geIMLP0pGjF/b.1048711/k.6606/Individual_Research_Grants.htm)
- Emergency Medicine Foundation. Deadline: 12/19/05. Synopsis: The following programs share this deadline: Directed Research Reducing Medical Errors, Acute Heart Failure Career Development, Team Grant (studies of Emergency Room overcrowding), and Career Development Grant. URL: <http://www.acep.org/webportal/Education/Research/ResearchGrants/ResearchGrantProgramOverview.htm>
- International Association for Bear Research and Management. Deadline: 12/31/05. Synopsis: Grants are made to help support bear conservation, education projects, research on bears, and the furthering of professional development through attendance at conferences and training sessions. URL: <http://www.bearbiology.com/bevins.html>
- Wilbur Foundation. Deadline: 12/31/05. Synopsis: Funding is concentrated in the field of humanities, especially history, literature, religion, and philosophy, for projects that are calculated to enhance or preserve the “permanent things” of society. URL: <http://www.wilburfoundation.org/>
- Union Internationale Contre le Cancer. International Cancer Study Grants. Deadline: 1/1/06. Synopsis: Funds to encourage cancer investigators from any country to initiate, set up, or pursue bilateral research projects with collaborating investigators abroad. Grantees may also provide or receive training. URL: <http://www.uicc.org/index.php?id=930>
- American Heart Association Western States Affiliate. Deadline: 1/5/06. Synopsis: Provides Beginning Grants-in-Aid and Grants-in-Aid for research broadly related to cardiovascular function and disease, stroke or to related basic science, clinical, bioengineering or biotechnology, and public health problems. URL: <http://www.americanheart.org/presenter.jhtml?identifier=2493>
- American Psychiatric Association. Deadline: 1/6/06. Synopsis: The foundation is making up to \$750,000 in grant funds available for educational, informational, and outreach initiatives that promote the early recognition and treatment of mental illness. Grants from the foundation can support a wide variety of public education activities. URL: <http://www.psychfoundation.org/grants/callforproposals.cfm>

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## **Nonprofit Agencies** (continued)

- Emergency Medicine Foundation. Deadline: 1/9/06. Synopsis: The following awards share this deadline: Riggs Family Health Policy Research Grant, Research Fellowship Grant. Both support studies of Emergency Room healthcare. URL: <http://www.acep.org/webportal/Education/Research/ResearchGrants/ResearchGrantProgramOverview.htm>
- Semiconductor Research Corporation. Ultimate CMOS Research Center. Deadline: 1/9/06. Synopsis: Soliciting white papers proposing a new multi-university Research Center in the area of technologies needed to extend CMOS to and beyond the 22-nm node of the current ITRS roadmap. It is particularly intended to address the research needs associated with the front-end aspects of extending CMOS technology. URL: [http://www.src.org/fr/S200508\\_RFWP\\_DS\\_CMOS\\_2005.asp](http://www.src.org/fr/S200508_RFWP_DS_CMOS_2005.asp)
- American Heart Association. National Scientist Development Grant. Deadline: 1/9/06. Synopsis: Supports highly promising beginning scientists for research broadly related to cardiovascular function and disease, stroke or to related clinical, basic science, bioengineering or biotechnology, and public health problems. URL: <http://www.americanheart.org/presenter.jhtml?identifier=3004142#SDG>
- Goldhirsh Foundation. Brain Tumor Research Awards Program. Deadline: 1/11/06. Synopsis: The Foundation makes three-year (\$600,000) and one-year (\$100,000) grants for basic and translational brain tumor research to accelerate progress toward more effective treatment for deadly astrocytic tumors. URL: [http://www.goldhirshfoundation.org/application\\_information.htm](http://www.goldhirshfoundation.org/application_information.htm)
- Savoy Foundation. Research Grants. Deadline: 1/15/06. Synopsis: Research grants up to \$30 000 are available to clinicians and/or established scientists working on epilepsy or related subjects. URL: <http://www.savoy-foundation.ca/eng/prog-rech/contenu.htm#C>
- Smithsonian Institution National Air and Space Museum. Aviation/Space Writers Award. Deadline: 1/15/06. Synopsis: A grant of \$5,000 to support research toward publication on aerospace topics. Funds may be used to support research travel and expenses, or the publication of research. URL: [http://www.nasm.si.edu/getinvolved/fellow/writer\\_grant.cfm](http://www.nasm.si.edu/getinvolved/fellow/writer_grant.cfm)
- Juvenile Diabetes Research Foundation International. Deadline: 1/16/06. Synopsis: Career Development Awards and Regular Research Grants are available for research on type I diabetes and its complications. URL: [http://www.jdrf.org/index.cfm?page\\_id=103207](http://www.jdrf.org/index.cfm?page_id=103207)
- Arthritis National Research Foundation. Deadline: 1/16/06. Synopsis: Provides funding for highly qualified researchers seeking to discover new knowledge for the prevention, treatment and cure of arthritis and related rheumatic diseases. URL: <http://www.curearthritis.org/grant.htm>
- Mazamas. Standard Research Grants. Deadline: 1/24/06. Synopsis: \$3,500 is provided for investigations of geologic features, biotic communities, and human endeavors pertaining to these natural landscapes. URL: [http://www.mazamas.org/resources/res\\_grantinfo.php#standard](http://www.mazamas.org/resources/res_grantinfo.php#standard)
- Horowitz Foundation for Social Policy. Deadline: 1/31/06. Synopsis: Makes grants ranging from ranging from \$3,000 to \$5,000 for work in major areas of the social sciences. Preference will be given to projects that deal the contemporary issues in the social sciences and issues of policy relevance, and to scholars in the initial stages of research. URL: <http://www.horowitz-foundation.org/grant.htm>
- Rett Syndrome Research Foundation. Deadline: 1/31/06. Synopsis: Supports international biomedical research by investigators at all levels for the treatment and cure of Rett Syndrome. The Foundation encourages research that encompasses innovative approaches and techniques that will lead to NIH and other funding sources. URL: <http://www.rsrf.org/researchers/4.7.1.1.html>
- National Pancreas Foundation. Deadline: 1/31/06. Synopsis: Proposed research must be in the field of pancreatic diseases. Studies intended to advance knowledge in the areas of pancreatic carcinoma and all forms of pancreatitis would be the closest to the areas of interest of the NPF. Studies more closely related to diabetes will not be accepted. URL: <http://www.pancreasfoundation.org/research/grants.shtml>
- Ploughshares Fund. Deadline: 2/1/06. Synopsis: Grants to support initiatives aimed at preventing the spread and use of nuclear, biological and chemical weapons and other weapons of war, and to prevent conflicts that could lead to the use of weapons of mass destruction. URL: <http://www.ploughshares.org/grants.php?a=2&b=0&c=0>
- ASHP Foundation. Junior Investigator Program. Deadline: 2/1/06. Synopsis: The goal of this research grant program is to support health services research in medication use that is conducted by pharmacist junior investigators. URL: <http://www.ashpfoundation.org/research/showFundingOpp.cfm?id=161>

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<b>FIND FUNDING OPPORTUNITIES</b>
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COS - <a href="http://fundingopps.cos.com/">http://fundingopps.cos.com/</a>
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IRIS - <a href="http://www.library.uiuc.edu/iris/">http://www.library.uiuc.edu/iris/</a>
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## ***Nonprofit Agencies*** (continued)

- Dirksen Congressional Leadership Research Center. Deadline: 2/1/06. Synopsis: The Center invites applications for grants to fund research on congressional leadership and the U.S. Congress. Political scientists, historians, biographers, scholars of public administration or American studies, and journalists are among those eligible. URL: [http://www.dirksencenter.org/print\\_grants\\_CRAs.htm](http://www.dirksencenter.org/print_grants_CRAs.htm)
- Charlotte Geyer Foundation. Deadline: 2/1/06. Synopsis: Provides interim funding to researchers whose proposals have been reviewed by the National Cancer Institute and were ranked within ten percentage points of the NCI payroll. URL: <http://www.charlottegeyer.org/>
- Edward Jr. Mallinckrodt Foundation. Deadline: 2/1/06. Synopsis: Supports biomedical research projects with initial start-up funding to move the projects forward to the point of other independent support. URL: <http://fundingopps2.cos.com/cgi-bin/getRec?id=3691>
- American Association of School Librarians. Highsmith Research Grant. Deadline: 2/1/06. Synopsis: Up to \$5,000 is awarded to conduct innovative research aimed at measuring and evaluating the impact of school library media programs on learning and education. URL: <http://www.ala.org/ala/aasl/aaslwards/highsmithgrant/aaslhigsmith.htm>
- Hereditary Disease Foundation. Deadline: 2/15/06. Synopsis: Support for projects contributing to identifying and understanding the basic defect in Huntington's disease. Areas of interest include trinucleotide expansions, animal models, gene therapy, neurobiology and development of the basal ganglia, cell survival and death, and intercellular signaling in striatal neurons. URL: <http://www.hdfoundation.org/funding/grants.htm>
- American Heart Association. Pharmaceutical Roundtable Award. Deadline: 2/15/06. Synopsis: Helps investigators develop projects that lead to sustainable applications of research in primary and secondary prevention, outcomes and improved quality of care in cardiovascular disease and stroke. URL: <http://www.americanheart.org/presenter.jhtml?identifier=12159>
- Feminist Review Trust. Research and Other Scholarly Activity. Deadline: 2/28/06. Synopsis: Provides financial assistance for projects meant to improve the status of women, broadly defined. For instance, this can include conferences or work toward gender equality or alleviation of poverty. URL: <http://www.feminist-review-trust.com/guidelines.htm>
- Cancer Research and Prevention Foundation. Deadline: 2/28/06. Synopsis: Fellowships and grants are given for research relevant to the prevention of cancer. URL: <http://www.preventcancer.org/research/index.cfm>
- Prevent Blindness America. Investigator Award Research Grant. Deadline: 3/1/06. Synopsis: Provides funding for research investigating public health issues related to the burden of illness of eye-related health and safety topics. All research grants must focus on preserving sight and preventing blindness. URL: [http://www.preventblindness.org/research/investigator\\_award.htm](http://www.preventblindness.org/research/investigator_award.htm)
- Lady Tata Memorial Trust. International Awards for Research in Leukaemia. Deadline: 3/1/06. Synopsis: Awards will be made for studies of the leukaemogenic agents and the epidemiology, pathogenesis, immunology, and genetic basis of leukaemia. URL: <http://www.icr.ac.uk/haemcyto/tata/index.html>
- Stanley Medical Research Institute. Deadline: 3/1/06. Synopsis: Supports researchers at all levels of development in all areas of medicine and biology who wish to initiate new research projects on schizophrenia and bipolar disorder. Grants provide up to \$75,000 per year for two years. URL: <http://www.stanleyresearch.org/programs/grants.asp>
- American Psychological Foundation. F.J. McGuigan Young Investigator Research Prize. Deadline: 3/1/06. Synopsis: \$25,000 prize for a young psychologist engaged in research that seeks to explicate the concept of the human mind from a primarily psychophysiological perspective. URL: <http://www.apa.org/apf/mcguiganprize.html>
- Transportation Research Board of the National Academies. IDEA Programs. Deadline: 3/1/06. Synopsis: Start-up funding for promising, but unproven, innovations in surface transportation systems that are unlikely to be funded through traditional programs. Priority areas are High-Speed Rail, Highways, Transit, and Safety. URL: [http://www4.trb.org/trb/dive.nsf/web/idea\\_programs](http://www4.trb.org/trb/dive.nsf/web/idea_programs)
- American Parkinson Disease Association. Deadline: 3/1/06. Synopsis: Several award mechanisms invite proposals for research on Parkinson's Disease from researchers in various fields and levels. URL: <http://www.apdaparkinson.org/user/ViewFellowshipAndGrants.asp>
- NATO Collaborative Linkage Grants. Deadline: 3/1/06. Synopsis: Provides opportunities for collaboration on research projects to members of research teams in universities or research institutions in countries of the Euro-Atlantic Partnership Council and the Mediterranean Dialogue. This is limited to security and anti-terrorism related research. URL: <http://www.nato.int/science/support/clg/clg-nfa.htm>

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## ***Nonprofit Agencies*** (continued)

■ American Educational Research Association. Deadline: 3/1/06. Synopsis: Invites education policy- and practice-related research proposals using NCES, NSF, and other national data bases. URL: [http://www.aera.net/grantsprogram/res\\_training/res\\_grants/RGFly.html](http://www.aera.net/grantsprogram/res_training/res_grants/RGFly.html)

■ Foundation for Chiropractic Education and Research. Deadline: 3/1/06. Synopsis: This program funds research within the basic sciences to further the understanding of the principles upon which chiropractic is founded, including biomechanical studies of the spine, small animal studies, and objective laboratory evaluation of the effects of manipulation. URL: <http://www.fcer.org/html/Research/Grants/guidelines.htm>

■ Cure Autism Now. Pilot Research Awards. Deadline: 3/3/06. Synopsis: Pilot funding up to \$60,000 per year for established investigators from within as well as outside of the field of autism. Research proposals targeting promising hypotheses using innovative approaches and technologies are a priority. URL: <http://www.cureautismnow.org/research/funding/4620.jsp>

■ Ellison Medical Foundation. Senior Scholar Program in Aging. Deadline: 3/9/06. Synopsis: This program is designed to support established investigators, working at institutions in the U.S., to conduct research in the basic biological and basic biomedical sciences relevant to understanding aging processes and age-related diseases and disabilities. URL: [http://www.ellison-med-fn.org/adsp.jsp?key=12aging\\_senior\\_proc&show=100](http://www.ellison-med-fn.org/adsp.jsp?key=12aging_senior_proc&show=100)

■ Russell Sage Foundation. Deadline: 3/10/06. Synopsis: Supports basic social science research with awards ranging between \$50,000 and \$500,000. Most funding is for analyzing data and writing up results, but large awards are sometimes given for data acquisition projects. URL: <http://www.russellsage.org/about/whatwedo/howtoapply/awards>

■ American Psychological Association. Wayne F. Placek Large Grants. Deadline: 3/10/06. Synopsis: APF will give two grants of up to \$50,000 for empirical research consistent with the Fund's goal of increasing the general public's understanding of homosexuality and alleviating the stress that gay men and lesbians experience. URL: <http://www.apa.org/apf/hooker.html>

■ National Parkinson Foundation. Deadline: 3/13/06. Synopsis: Grants up to \$40,000 for basic research directly relevant to the study of causes of and a cure for Parkinson disease. High-risk, high-yield projects are encouraged, provided that they are thoughtfully composed and reasonably likely to advance the state of the knowledge about Parkinson disease. URL: <http://www.parkinson.org/site/pp.asp?c=9dJFJLPwB&b=190389>

■ Fats and Proteins Research Foundation. Deadline: 3/15/06. Synopsis: Supports research projects concerned with the utilization of rendered animal by-products produced by the inedible rendering industry, such as blood meal, meat and bone meal, tallow, hydrolyzed hair, and feather meals. Also eligible are projects related to ecological aspects of the rendering process. URL: <http://www.fprf.org/projects/proposals.htm>

■ American Philosophical Society. Lewis and Clark Fund for Exploration and Field Research. Deadline: 3/15/06. Synopsis: Encourages exploratory field studies in any discipline for the collection of specimens and data and to provide the imaginative stimulus that accompanies direct observation. URL: <http://www.amphilsoc.org/grants/lewisandclark.htm>

■ Borchard Foundation Center on Law and Aging. Deadline: 3/15/06. Synopsis: Grants of up to \$20,000 for research and scholarship about new or improved public policies, laws and/or programs that will enhance the quality of life for the elderly (including those who are isolated by poverty, lack of education, language, culture, disability, or other barriers). URL: [http://www.borchardcenter.org/argp\\_rfp.html](http://www.borchardcenter.org/argp_rfp.html)

■ National Association of Student Financial Aid Administrators. Deadline: 3/15/06. Synopsis: Provides funds to encourage research projects on state and federal student financial aid policy, administration, and related topics. URL: <http://www.nasfaa.org/LinkLists/sponsoredgrnt.asp>

■ American Councils for International Education. Research Scholar Program. Deadline: 1/15/06. Synopsis: Provides full support (up to \$25,000) for scholars seeking to conduct research for three months to nine months in one or more of these countries: Belarus, Central Asia, Russia, the South Caucasus, Ukraine, and Moldova. URL: <http://www.americancouncils.net/program.asp?PageID=121&ProgramID=15>

■ American Diabetes Association. Nationwide Research Awards. Deadline: 1/15/06. Synopsis: Supports multiple awards for research on the cure, prevention, or treatment of diabetes. These include the Research Award, the Innovation Award, the Young Investigator Innovation Award in Geriatric Endocrinology, and the Henry Becton Innovation Award. URL: <http://www.diabetes.org/diabetes-research/research-grant-application-forms/nationwide-research-awards.jsp>

■ American Diabetes Association. Development Awards. Deadline: 1/15/06. Synopsis: Funds investigators through the level of assistant professor for all types of diabetes research. Junior Faculty Awards and Career Development Awards are available. URL: <http://www.diabetes.org/diabetes-research/research-grant-application-forms/development-awards.jsp>

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## ***Contract and Grant Awards in October***

- Agogino, Alice M., ERSO, \$1,326,651, NSF, "Collaborative Research: A Comprehensive Pathway for K-Gray Engineering Education."
- Agogino, Alice M., ERSO, \$8,830, Universities Space Research Association, "Agent-Based Modeling of Human Collaboration with Intelligent Sensor Networks."
- Alber, Thomas C., MCB, \$1,472,896, NIGMS, "Structural Basis of Protein-Protein-Protein Interactions."
- Alter, Robert B., Jewish Graduate Studies, \$19,000, Jewish Community Federation, "Jewish Community Endowment Newhouse Fund (\$19,000 Yiddish Instruction)."
- Amundson, Ronald G., ESPM: Insect Biology, \$34,000, LLNL, "Soil Production and Transport on Hillslopes in the Atacama Desert."
- Anantharam, Venkatacha, ERSO, \$35,625, UC MICRO, "Iterative Decoding Algorithms and Their Implementation."
- Anderson, Deborah W., Linguistics, \$12,000, UNESCO, "Encoding N'Ko Scripts in the Unicode Standard and ISO/TEC 10646, Stage 2."
- Arens, Edward A., CEDR, \$45,000, Delphi Automotive Systems, "Improvements to the UC Berkeley Multimode Comfort Model Phase IV Extension."
- Arens, Edward A., CEDR, \$144,999, GSA, "Managing Building Performance Using Web-Based Surveys."
- Backer, Donald C., Radio Astronomy Laboratory, \$24,998, LANL, "X-Ray Navigation."
- Baker, Robin, COEH/LOHP, \$242,169, UCLA, "Worker Health and Safety Training Cooperative Agreement."
- Ballard, H Glenn, ERSO, \$77,267, University of Texas at Austin, "Implementation Road Map for Lean Construction at the Project Level."
- Balmes, John R., Public Health, \$2,309,857, CDC, "Berkeley Center for Environmental Public Health Tracking."
- Banfield, Jill F., Earth and Planetary Science, \$3,627,329, DOE, "Proteogenomic Approaches for the Molecular Characterization of Natural Microbial Communities."
- Barrett, Katharine, Botanical Garden, \$40,248, Hayward Unified School District, "Hayward Nutritional Learning Communities Projects (05/06)."
- Battles, John J., Center for Forestry, \$109,000, Nature Conservancy, "Monitoring Forest Carbon and Impacts of Climate Change with Forest Inventories, High-Resolution Satellite Images, and LIDAR."
- Battles, John J., Center for Forestry, \$200,000, USDA, "Sierra Nevada Adaptive Management and Monitoring Program."
- Beall, Frank C., ESPM: Insect Biology, \$16,978, USDA, "Technology Transfer of Housing Retrofit Information."
- Bloom, Joshua, Astronomy, \$135,387, NSF, "Collaborative Research: DDDAS-TMRP: Real-Time Astronomy with a Rapid-Response Telescope Grid."
- Boser, Bernhard E., ERSO, \$33,844, UC MICRO, "Background Calibration for Low-Power High-Performance A/D Conversion."
- Bosselmann, Peter C., Landscape Architecture, \$35,000, Evelyn and Walter Haas, Jr. Fund, "Simulation and the Community Planning Process: Visitation Valley Work and San Francisco Model."
- Brager, Gail S., CEDR, \$19,167, Webcor Builders, "Participation Agreement between the Regent of the University of California and Webcor Builders."
- Brayton, Robert K., ERSO, \$62,780, UC MICRO, "Binary and Multi-Valued Synthesis of Hardware and Software Systems."
- Buxbaum, Richard M., IAS, \$297,000, Larry L. Hillblom Foundation, "Support of Vietnamese Studies 2006-2008."
- Candida Smith, Richard, Libraries - Bancroft, \$306,000, Kaiser Foundation Hospitals/Kaiser-Permanente, "Kaiser Permanente Oral History Project - Continuing the Story, 1970 and Beyond."
- Cascardi, Anthony J., Consortium of the Arts, \$6,750, UCSD, "ArtsBridge Scholars Program."
- Catalano, Ralph A., Health Policy and Administration, \$146,496, UCSF, "Health and Society Scholars Programs."
- Cervero, Robert B., IURD, \$42,751, Nelson/Nygaard Consulting Associates, "Research Agreement between Nelson/Nygaard Associates and the Regents of UC."
- Citrin, Jacob, Institute of Governmental Studies, \$20,000, James Irvine Foundation, "Government by Initiative in California: Assessment and Reform."
- Cole, Robert W., Cal Performances, \$15,000, Barbro Osher Pro Suecia Foundation, "2005-06 Anne Sofie von Otter Performance."
- Consey, Kevin, BAM/PFA, \$115,000, Renate Hans and Maria Hofmann Trust, "Hofmann Exhibition."
- Consey, Kevin, BAM/PFA, \$10,000, Richard and Rhoda Goldman Fund, "General Operating Support."
- Culler, David E., ERSO, \$86,427, UC MICRO, "System Design Techniques of Large-Scale Pervasive Computing Environments."
- Davis, Marc, Theoretical Astrophysics Center, \$488,433, NSF, "Collaborative Research: The DEEP Survey-Emergence of the Modern Universe."
- Depaolo, Donald J., Earth and Planetary Science, \$36,000, LLNL, "Major and Trace Element Mobility in Natural Zircon: Implications for the Use of Zircon as a Recorder of Early Earth Processes."
- Dodd, Richard S., ESPM: Forest Science, \$12,000, UC Mexus, "Mating at Extreme, Comparison of Black Mangrove Mating System between Pacific Ocean's Northern Range-Limit and Central American Populations."
- Dreger, Douglas S., Berkeley Seismological Laboratory, \$34,000, Institute of Geophysics and Planetary Physics, "Examination of Microseism Propagation in Sedimentary Basins."

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## ***C&G Awards in October*** *(continued)*

- Edley Jr, Christopher, Law, \$150,000, Ford Foundation, "The Voting Rights Act Reauthorization and the Decade Ahead: Civil Rights and Electoral Reform."
- Edley Jr, Christopher, Law, \$300,000, Rosenberg Foundation, "Rethinking Rodriguez: A Strategy for Establishing Education as a Fundamental Right."
- Epstein, Edwin M., IAS, \$115,659, National Archives and Records Administration, "Emma Goldman: A Documentary History of the American Years."
- Faulhaber, Charles B., Libraries - Bancroft, \$5,000, National Italian American Foundation, "Italian Americans in California, 1840-1970: A Digital Archive."
- Feldman, Lewis J, Plant and Microbial Biology, \$1,420, UC Mexus, "Root Hydrotropism Reveals Complex Regulation of Amyloplast Development in Columella Root Cap Cells."
- Fernandez-Pello, A. Carlos, Graduate Division - Fellowships, \$117,000, Jewish Community Federation, "Jewish Community Endowment Newhouse Fund."
- Filippenko, Alexei V., Astronomy, \$27,670, JPL, "Testing the Preposterous Universe with Infrared Supernovae."
- Fletcher, Daniel A., The Institute for Quantitative Biomedical Research (QB3), \$150,000, LLNL, "Mechanics and Imaging of Non-Adherent Cells."
- Franklin, Michael, ERSO, \$23,750, UC MICRO, "Processing Continuous XML Queries in a Distributed Environment."
- Garbelotto, Matteo, ESPM: Ecosystem Sciences, \$26,272, UC Davis, "Adaptive Management of Phytophthora Ramorum in the Big Sur Ecoregion."
- Garbelotto, Matteo, ESPM: Ecosystem Sciences, \$28,500, UC Davis, "Biological and Ecophysiological Factors Mitigating in Planta Survival of Phytophthora Ramorum in California Bay Laurel."
- Garbelotto, Matteo, ESPM: Ecosystem Sciences, \$81,966, USDA, "Phenotypic and Genotypic Comparisons between Nursery and Wild Populations of Phytophthora Ramorum."
- Gertler, Paul J., Public Health, \$383,074, American Council on Education, "UCB/INSP Collaborative Training in HIV/AIDS and Tuberculosis."
- Gifford, Bernard R., Education, \$75,000, Dewitt Wallace-Reader's Digest Fund, "Executive Leadership Program for District Superintendents Chief State Officers, and their Senior Teams."
- Gilliss, J. Keith, CNR, \$5,000, USGS, "California Cooperative Ecosystem Studies Unit Program Support."
- Goldstein, Thomas J., Journalism, \$30,800, Ford Foundation, "The Changing Economics of News: Who Will Pay for Excellent Journalism in the Future?."
- Gong, Xiaohua, Optometry, \$30,000, East Bay Community Foundation, "Study of Light-Dependent Death of Photoreceptor Cells by Using a New Genetic Model for Retinitis Pigmentosa (RP)."
- Gourinchas, Pierre-Olivier, Economics, \$83,924, NSF, "Collaborative Research: Global Imbalances and Valuation Effects."
- Graves, David B., Chemical Engineering, \$45,600, UC MICRO, "Substrate Sensor Measurements and Analysis in Plasma Tools."
- Grigoropoulos, Costas P., Mechanical Engineering, \$225,000, Nanosys, Inc., "Low Resistance Contact Formation Technology Formation for Flexible Nanowire Macroelectronics."
- Hedrick, John Karl, ITS, \$240,000, ONR, "Development and Validation of Autonomous and Collaborative Unmanned Aerial Vehicles."
- Hellerstein, Joseph M., ERSO, \$38,090, UC MICRO, "A Unified Architecture for SensorNet Query Processing."
- Hijmans, Robert, MVZ, \$15,000, USDA, "Locating and Conserving Wild Crop Relatives in Paraguay."
- Howe-Steiger, Linda K., ITS, \$84,000, UC Davis, "Caltrans Partnered Pavement Research Center."
- Ingram, Bonnye Lynn, Geography, \$76,188, California Bay-Delta Authority, "The Application of Otolith Geochemistry to Determine Stock Structure, Survival and the Relative Impact of Water Exports on the Threatened Delta Smelt."
- Jordan, Michael I., ERSO, \$55,219, UC MICRO, "Machine Learning: Model Selection Algorithms for Kernel Machines and Graphical Models."
- Kalas, Paul, Astronomy, \$24,890, JPL, "Spitzer Imaging and Photometry of Two I Gyr Old Debris Disks Within 20 pc of the Sun."
- Katz, Randy H., ERSO, \$97,850, UC MICRO, "Enhancing Networking Dependability via Programmable Network Elements."
- Keller, Ann, Energy and Resources Group, \$12,000, UC Mexus, "Air Quality and Development in the Big Bend: The Politics of Knowledge."
- Klein, Daniel, ERSO, \$20,841, UC MICRO, "Unsupervised Learning for Natural Language Processing."
- Koenig, Walter D., MVZ, \$18,000, NSF, "Travel Support for the 11th International Society for Behavioral Ecology Meeting to be Held in Tour, France, 23-28 July 2006."
- Kremen, Claire, ESPM: Insect Biology, \$303,713, NSF, "Collaborative Research: Community Disassembly and Ecosystem Function: Pollination Services Across Agro-Natural Landscapes."
- Lee, Edward A., ERSO, \$150,000, Daegye Gyeongbuk Institute of Science and Technology, "CHESS Industry Membership Agreement."
- Lee, Edward A., ERSO, \$66,690, UC MICRO, "Timed Distributed Systems."

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## ***C&G Awards in October*** *(continued)*

- Leonard, Thomas C., Public Health Library, \$74,991, State of California Dept. of Health Services, "Public Health Library-Continuation of Occupational and Environmental Health Hazard (DOE 6)."
- Leonard, Thomas C., Libraries - Bancroft, \$50,000, University of Michigan, "The Advanced Papyrological Information System Project (V)."
- Lieberman, Michael A., ERSO, \$26,933, UC MICRO, "Control of Peripheral Plasma in Confined Dual Frequency Capacitive Discharges for Microelectronics Processing."
- Lin, Liwei, ERSO, \$26,000, Taiyo Yuden Co, Ltd., "Wideband Tunable Filter of Taiyo Yuden."
- Lin, Liwei, ERSO, \$795,000, NIST, "Magnetic Shielding and Fabrication of Micromachined Gyroscopes Using Spin-Polarized Nuclei."
- Lin, Meng, Optometry, \$47,609, Allergan Pharmaceutical, "Comparison Study of Lubricant Ophthalmic Drops for Dry Eye Treatment."
- Lin, Meng, Optometry, \$22,440, CooperVision, Inc., "A Comparative Clinical Evaluation Study of Different Hyper-02 Transmitted Hydrogel Lenses (CV-003)."
- Lin, Meng, Optometry, \$29,483, CooperVision, Inc., "Effects of Soft Lens Characteristics on Lens Performance - A Fitting Study Using Two or More Different Soft Lens Types (CV-005, CV-011)."
- Lin, Meng, Optometry, \$47,417, CooperVision, Inc., "Effects of Lens Designs on Clinical Performance of Silicone Hydrogel Lenses (CV-009, CV-010, CV-012)."
- Luhmann, Janet, SSL, \$30,000, JPL, "Venus Exploration Analysis Group (VEXAG) Co-Chair."
- Lustig, Steve, University Health Services, \$224,391, Center for Mental Health Services, "Cal Suidice, Training, Education and Prevention Project (Cal-STEPS)."
- Madanat, Samer M, ITS, \$22,500, NAVTEQ Corporation, "RSU Management Function for the ITS World Congress."
- Mao, Samuel, ERSO, \$618,481, MIT, "High Throughput Screening of Nanostructured Hydrogen Storage Materials."
- Marletta, Michael, Chemistry, \$1,157,279, National Institute of General Medical Sciences, "Heme Protein Sensors in Prokaryotes."
- Martin, W. Mike, Architecture, \$100,000, American Institute of Architects, "Evidence-Based Design Model: Pilot Study of a Collaborative, Transdisciplinary Model in a Healthcare Setting."
- Maslach, Christina, Academic Achievement Division, \$1,905,284, DOED, "Student Support Services."
- McMains, Sara, ERSO, \$57,356, UC MICRO, "Interactive Design Exploration and Optimization Tools."
- McMenamin, Sara, Public Health, \$10,900, Henry J. Kaiser Family Foundation, "Updating the Health Status Section of the Statehealthfacts.org Database."
- Micco, Guy, Public Health, \$136,350, UCOP, "Academic Geriatric Resource Program."
- Moritz, Craig, IB, \$23,500, USGS, "Genetic and Fungal Analysis of Mountain Yellow-Legged Frogs in Southern California."
- Moritz, Max, ESPM: Ecosystem Sciences, \$9,912, USGS, "Fire and Sudden Oak Death at Point Reyes National Seashore."
- Morse, Edward C., ESRC, \$49,568, LLNL, "Ultra Short Pulse Lasers Phenomenology and Applications."
- Muller, Richard S., ERSO, \$250,000, Sanyo Electric Co., Ltd., "Berkeley Sensor and Actuator Center Participation Agreement."
- Necula, George, ERSO, \$53,544, UC MICRO, "Tools for Securing the Software Infrastructure."
- Nelson, Kara L., ERSO, \$75,000, EPA, "UV-Tube Design Concept for Water Disinfection."
- O'Brien, James F., ERSO, \$37,491, UC MICRO, "Efficient Methods for Physically Based Animation."
- Olshausen, Bruno, Helen Wills Neuroscience Institute, \$75,935, UC Davis, "Bilinear Models of Natural Images and Their Application to Image Analysis."
- Palsboll, Per Jakob, ESPM: Ecosystem Sciences, \$57,614, USDCOM Commerce, Miscellaneous, "Genetic Material Extractions from Individual North Atlantic Humpback Whales."
- Patterson, David A., ERSO, \$58,930, UC MICRO, "ROC: Recovery Oriented Computing."
- Pearson, P. David, Education, \$97,305, National Center on Education and the Economy, "To Construct an Operational Definition of What We, as a Nation and a Profession, Mean by Successful Reading and Writing in the Intermediate Grades."
- Peterson, Per F., ESRC, \$50,000, UT-Battelle, "Support Activities for Pre-Conceptual for the AHTR."
- Pisano, Albert P., ERSO, \$482,882, Army Research Office, "Electro-Magnetic Actuated Valve for MEMS Fuel Metering System."
- Pisano, Albert P., ERSO, \$451,526, Timken Company, "MEMS for Rolling Element Bearings."
- Polse, Kenneth A., Optometry, \$4,606,971, National Eye Institute, "Berkeley Clinical Scientist Development Program."
- Quail, Peter H., Plant and Microbial Biology, \$720,500, USDA, "Agricultural Crop Enhancement through Molecular and Genetic Research on Mechanisms of Plant Growth, Development and Survival."
- Quigley, John M., IBER, \$14,970, Real Estate Research Institute, "Real Estate Portfolio Allocation."

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## ***C&G Awards in October*** *(continued)*

- Renne, Paul, Earth and Planetary Science, \$30,000, Institute of Geophysics and Planetary Physics, "Geochronology and Geochemistry of Volcanic Glasses Used for Tool-Making by Early Homo Sapiens in Ethiopia."
- Richards, Mark A., L&S, \$218,000, Level Playing Field Institute, "Graduate Fellows Forum."
- Roland, Gerard, Economics, \$30,000, Chiles Foundation, "Graduate Student Support."
- Romanowicz, Barbara A., Berkeley Seismological Laboratory, \$53,994, UNAVCO, "PBO Strain Archive at the Northern California Earthquake Data Center."
- Russell, Stuart J., ERSO, \$3,255,964, Air Force Research Laboratory, "Effective Bayesian Transfer Learning."
- Sanders, Seth R., ERSO, \$64,125, UC MICRO, "Digital Control Circuits for Power Conversion Applications."
- Savas, Omer, ERSO, \$74,681, NASA Ames Research Center, "Experimental Studies of Rotor Flow Fields and Forces in a Tow Tank at Low and Moderate Reynolds Numbers."
- Schaffer, David, Chemical Engineering, \$100,000, Alzheimer's Association, "Evolution of AAV Vectors for Efficient Gene Delivery to Astrocytes."
- Schell, Orville, Journalism, \$1,000,000, Carnegie Corporation, "The Journalism 2005 Initiative: News 21."
- Schell, Orville, Journalism, \$1,500,000, John S. and James L. Knight Foundation, "The Journalism 2005 Initiative: News 21."
- Schell, Orville, Journalism, \$43,000, Open Society Institute, "China Grants - Environmental Reporting."
- Schell, Orville, Journalism, \$1,750,000, Richard and Rhoda Goldman Fund, "Truth in Media Project."
- Seed, Raymond B., ERSO, \$29,729, NSF, "SGER: Hurricane Katrina and Lessons for Responding and Repairing Catastrophic Levee Failures Applicable to Other Similarly Threatened Areas in the U.S."
- Shortell, Stephen M., Public Health, \$173,171, HRSA, "Scholarships for Disadvantaged Students."
- Skabardonis, Alexander, ITS, \$25,000, Caltrans, "Strategies for Linking Trucking and Smart Parking Technologies."
- Skabardonis, Alexander, ITS, \$51,506, Caltrans, "The Naturalistic Driver Model: Development, Integration, and Verification of Lane Change Maneuver, Driver Emergency and Impairment Modules."
- Skabardonis, Alexander, ITS, \$99,998, Caltrans, "Weave Analysis Evaluation and Refinement."
- Skabardonis, Alexander, ITS, \$102,307, Caltrans, "Feasibility Study for the Use of Biodiesel in the Caltrans Fleet."
- Skabardonis, Alexander, ITS, \$237,392, Caltrans, "Bicycle Detection and Operational Concept at Signalized Intersections."
- Skabardonis, Alexander, ITS, \$249,000, Caltrans, "Safety Roadside Rest Area (SRRA) Hot Spots: Field Test Evaluation."
- Skabardonis, Alexander, ITS, \$249,855, Caltrans, "Evaluation of Cost-Effective Planning and Design Options for Bus Rapid Transit in Dedicated Bus Lanes."
- Skabardonis, Alexander, ITS, \$268,687, Caltrans, "Stage 5 Test Deployment of Efficient Deployment of Advanced Public Transportation Systems (EDAPTS)."
- Skabardonis, Alexander, ITS, \$279,200, Caltrans, "PATH Publication."
- Skabardonis, Alexander, ITS, \$528,316, Caltrans, "PATH Administration."
- Skabardonis, Alexander, ITS, \$560,968, Caltrans, "PATH Leadership."
- Smith, Alan J., ERSO, \$25,471, UC MICRO, "Computer System and Mobile Services Optimization."
- Smith, Kirk R., Public Health, \$2,822,037, National Institute of Environmental Health Sciences, "Chronic Respiratory Effects of Early Life PM Exposure."
- Smith, Martyn T., Environmental Health Sciences, \$33,000, National Cancer Institute, "Proteomic Analyses on Serum, Urine and Cell Lysates Among Benzene Exposed Subjects."
- Sobel, Noam, Helen Wills Neuroscience Institute, \$10,000, William M. Keck Foundation, "Olfaction in Treatment and Diagnosis of Disease."
- Spanos, Costas J., ERSO, \$7,125, UC MICRO, "Modeling Within-Die Variation and Spatial Correlation Effects for Process-Design Co-Optimization."
- Spear, Robert C., Public Health, \$127,385, Chinese Academy of Sciences, "Ecogenetics of Schistosoma Japonicum Transmission in China."
- Stamper-Kurn, Dan, Physics, \$825,000, Army Research Office, "Trapped-Source and Filled-Ring Atom Interferometry in a Millimeter Scale Magnetic Ring Trap."
- Varaiya, Pravin P., ITS, \$25,000, Caltrans, "What is the Excess Capacity in HOV Lanes?"
- Varaiya, Pravin P., ITS, \$25,000, Caltrans, "Maintaining the Health of the Caltrans Loop Detector System."
- Wagner, David, ERSO, \$34,734, UC MICRO, "Security Types: How to Write and Verify Secure Code."
- Walrand, Jean C., ERSO, \$17,100, UC MICRO, "Algorithms and System Design for Bandwidth Trading."
- Wawrzyniek, John, ERSO, \$17,100, UC MICRO, "The Design, Construction, and Application of a High-End Reconfigurable Computing Systems."
- Weber, Eicke R., ERSO, \$8,900, UC MICRO, "GaN Material Design for Photoreceptors."
- Weber, Eicke R., ERSO, \$36,045, UC MICRO, "Low-Temperature Behavior of Metals in Silicon."
- Westphal, Andrew, SSL, \$363,312, NASA Goddard Space Flight Center, "Keystone System Development."
- Zimring, Franklin, Institute for the Study of Social Change, \$860,000, Centers for Disease Control, "Center on Culture, Immigration and Violence Prevention."