

RESEARCH ADVOCATE

RESEARCH ADMINISTRATION AND COMPLIANCE, UNIVERSITY OF CALIFORNIA, BERKELEY

OCTOBER 2006

A Newsletter for
Berkeley Researchers



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Monthly Meetings for Research Administrators: Research Administration and Compliance Forum

The Research Administration and Compliance Office (RAC) is sponsoring a new monthly meeting for campus research administrators. Each meeting of the RAC Forum will focus on topics of interest to the research community, such as grant management issues, human subjects protection, and animal care and use. All meetings will also include brief updates on current issues from managers within RAC. All campus staff and faculty are invited.

Well over 100 campus staff attended the inaugural meeting, held on October 17, which was focused on Grants.gov. Slides from the first meeting are available at <http://rac.berkeley.edu/meeting/agendaOctober2006.html>.

The next two RAC Forum meetings will be held on November 14 and December 12 in the Alumni House. The November 14 forum will include presentations and discussion of issues related to financial conflict of interest and cost transfers.

Upcoming agendas and meeting schedules for the RAC Forum are available at <http://rac.berkeley.edu/racforum.html>. Notices will also be sent out by email. If you have suggestions for future topics or wish to be added to the mailing list, or if you know of other staff who would like to receive meeting notices, please contact Shelley Sprandel at spore@berkeley.edu or 2-8122.

NIH Shifting Major Submission Deadlines

Beginning in January 2007, the National Institutes of Health will move major standing receipt dates for grant applications away from the first of the month to avoid days with the highest submission volumes at Grants.gov. Note that some applications are due **earlier** than before. The new 'spread out' receipt dates will apply to both paper and electronic applications. Programs with special receipt dates continue to be due on the specific dates listed in the announcement.

NIH announced the changed receipt dates in the October 6 *NIH Guide*: <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-07-001.html>. The announcement provides a detailed chart of all funding mechanisms and receipt dates. Dates for the first cycle of applications are summarized below.

Mechanism	Old Deadline	New Deadline
T series	January 10	January 25
P Series; R10, R18, R24, R25; S and G Series, C06, M01	February 1	January 25
(note: new January 25 deadline is earlier than the old deadline)		
R01 - new	February 1	February 5
K series -new	February 1	February 12
R03, R21, R33, R21/R33, R34, R36 -new	February 1	February 16
R15	February 25	February 25
R01 - renewal/resubmission/revision	March 1	March 5
K series - renewal/resubmission/revision	March 1	March 12
R03, R21, R33, R21/R33, R34, R36	March 1	March 16
- renewal/resubmission/revision		
New Investigator R01	March 20	March 20
SBIR/STTR R43, R44, R41, R42	April 1	April 5
F series	April 5	April 8
R13, U13	April 15	April 12
AIDS and AIDS-Related Grants	May 1	May 1

New Law Requires Searchable Web Database of All Federal Awards

The Federal Funding Accountability and Transparency Act of 2006 (S. 2590) has become Public Law 109-282. The law requires that the Office of Management and Budget create and maintain a single, searchable web site database with information on all federal awards. The site is to be fully accessible by January 1, 2008 with all fiscal 2007 data.

The new law also requires that OMB establish a pilot program by July 2007 for reporting of subawards, making sure data is disclosed in the same way as for direct federal awards. Entities providing subawards, including colleges and universities, will be required to publish subaward data on the web site by January 1, 2009 or at the end of the two-year pilot, whichever comes first.

OMB Watch Launches Fedspending.org Funding Database

OMB Watch has launched Fedspending.org, a free, searchable database of federal government grants and contracts.

The site's "frequently asked questions" explains differences between Fedspending.org and the new database required under Public Law 109-282.

For instance, FedSpending.org is available right now, while OMB has until January 2008 to put up the new site. OMB's site will have a broader scope of information and cover all federal spending. The OMB database will include awards posted within 30 days of being assigned, but FedSpending.org will only be updated every six months. The OMB database will also be expanded by 2009 to include subawards.

SPO Provides Guidance on ProposalCENTRAL

The Sponsored Projects Office has published a quick reference for Berkeley investigators and staff using proposalCENTRAL at <http://www.spo.berkeley.edu/Procedures/proposalcentral.html>.

ProposalCENTRAL (<https://v2.ramscompany.com/>) is a web-based grant management service for proposal submission and review that includes 20 participating nonprofit, state, and private grantmakers, offering 140 grant programs. Participating grantmakers use proposalCENTRAL services for the application and review process. Participants include the American Cancer Society, the American Lung Association, the Burroughs Wellcome Fund, and some UCOP programs.

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Editor: Shelley Sprandel, 510/642-8122 or spore@berkeley.edu (contact for more information on program announcements, mailing changes, and general inquiries)

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AAAS Summarizes Current Status of FY 2007 Federal Budget

The federal fiscal year 2007 began on October 1, but Congress was far from finishing the federal budget before breaking for the November elections.

The American Association for the Advancement of Science has issued a report on the current status of the federal budget for the next fiscal year. The report, *October Summary Report on R&D in FY 2007*, is available at <http://www.aaas.org/spp/rd/>.

Excerpted from AAAS:

“Even if Congress approves all the proposed increases for selected research programs, offsetting cuts in other research programs mean that the federal investment in basic and applied research is almost certain to fall in FY 2007 within a stagnant domestic budget. But the total federal research and development (R&D) portfolio is a different matter; because the rapidly growing defense budget allows for substantial increases in DOD weapons development to an all-time high, the total federal R&D portfolio will increase in FY 2007.”

NIH Non-Competing Awards Under the Continuing Resolution

The National Institutes of Health has announced that, until its final fiscal year 2007 federal budget appropriation is approved, non-competing NIH grant awards will be funded at a level “below that indicated on the most recent Notice of Award (generally up to 80% of the previously committed level).” NIH “will consider upward adjustments to these levels after the final appropriation is enacted, but expects institutions to monitor their expenditures carefully during this period.” NIH adopted the same policy last year when the FY 2006 budget appropriation was late.

NIH does not have a FY 2007 budget yet because Congress did not pass the NIH appropriation bill before recessing for the November elections. NIH and other agencies are being funded through a continuing resolution, operating at FY 2006 funding levels.

The October 6 *NIH Guide* notice is available at <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-07-004.html>.

NIH Offering Web Training on Grants.gov on December 5

To help prepare extramural applicants for the upcoming transition of R01s to electronic submission in February 2007, the National Institutes of Health is holding an online training event on December 5, 2006.

To register for the free training, go to http://era.nih.gov/training/esub_120506/. The presentation is targeted towards research administrators, investigators, postdocs, trainees, and anyone who will be applying for an NIH grant electronically.

Berkeley staff and faculty should also use FormFiller and FormChecker, available at <http://www.spo.berkeley.edu/Procedures/grantsgov.html>.

USDA CSREES Requires Grants.gov for 2007 NRI Program

Investigators planning on applying to USDA Cooperative State Research, Education, and Extension Service (CSREES) programs should begin working on applications early and read program announcements and guidelines carefully.

Among other changes, CSREES is requiring Grants.gov for many programs, including the National Research Initiative (NRI) Competitive Grants Program.

CSREES issued the Request for Applications for the NRI program in September (http://www.csrees.usda.gov/funding/rfas/nri_rfa.html). NRI supports research in the biological, environmental, physical, and social sciences relevant to agriculture, food, the environment, and rural communities, and funds research, extension, and education grants addressing key issues of national and regional importance to agriculture, forestry, and related topics. In FY 2007, CSREES anticipates having approximately \$181 million in funding to support 34 different program areas. Each program area has a different deadline. More information is available from the CSREES web site (<http://www.csrees.usda.gov/fo/funding.cfm>).

NRI applications must be submitted via Grants.gov by close of business, 5:00 p.m. Eastern Time, on the program deadline as indicated. SPO provides campus resources and information on Grants.gov at <http://www.spo.berkeley.edu/Procedures/grantsgov.html>.

The NRI program has mandatory funding limits for all applications. Applicants are strongly encouraged to read the entire program description and contact the appropriate CSREES National Program Leader for additional information relative to their program(s) of interest. CSREES will return applications without review that exceed program funding limits, do not meet FY 2007 priorities, or do not follow formatting guidelines (e.g., PDF attachment requirement, page limitations, margin size, and font size).

Another change is that in FY 2007, eleven NRI programs will require a letter of intent: Managed Ecosystems, Soil Processes, Bioactive Food Components for Optimal Health, Biology of Weedy and Invasive Species in Agroecosystems, Plant Genome: Applied Plant Genomics Coordinated Agricultural Project, Plant Biology: Gene Expression and Genetic Diversity, Plant Biology: Environmental Stress, Plant Biology: Biochemistry, Plant Biology: Growth and Development, Improving Food Quality and Value, and Biobased Products and Bioenergy Production Research. The letter of intent will be reviewed by CSREES, and invitations to submit a full application will be issued by the National Program Leader. For these eleven programs, applications submitted without prior approval of the letter of intent will be returned without review.

Research Advocate Now Online Only

The *Research Advocate* newsletter is no longer distributed as a printed publication. The newsletter will continue to be published online in both html and PDF at <http://rac.berkeley.edu/ra/list.html>. The PDF version can be printed to read offline.

The Research Administration and Compliance Office will be sending a notice to email list subscribers when each issue is available. If you are not already on the mailing list, you can be added by sending email to nthan@berkeley.edu. (If you are receiving limited submission notices and policy notices from SPO and RAC, you are already on the list.)

We will be exploring new ways of keeping the campus informed on the latest news and funding information. We welcome any comments and ideas—call or send email to Shelley Sprandel at 2-8122 or spore@berkeley.edu.

New Grants.gov System in 2007

The September meeting of the Federal Demonstration Partnership (FDP) included a presentation by Grants.gov representatives who announced news about the move to a new contractor for the system. The contract with Northrup Grumman is terminating, and a new contract has been awarded to Anteon Corporation. The transition is scheduled to be completed by October 31, 2006. The Macintosh viewer for PureEdge is scheduled to be finished by October 31, and deployed in November 2006.

Anteon plans to replace PureEdge (also known as the IBM Workplace Forms) with Adobe Forms by April 1, 2007. Adobe Forms is a cross-platform system that works over any platform or device without requiring any new software or plug-ins. There will be a transition period in which Grants.gov will be able to receive both PureEdge and Adobe forms.

Anteon also plans to switch to a Google search appliance for improved searching of grant applications and web site content. A third planned improvement is that Anteon will be establishing a more flexible and robust architecture able to support higher peak processing levels.

The FDP presentation is available at http://thefdp.org/Meeting_September2006.html.

NIH Brochure for PIs on Animal Use

The National Institutes of Health Office of Laboratory Animal Welfare has published a new brochure for investigators on their responsibilities under PHS Grants Policy and PHS Policy on Humane Care and Use of Laboratory Animals.

What Investigators Need to Know About the Use of Animals is available online at <http://grants.nih.gov/grants/olaw/InvestigatorsNeed2Know.PDF> or in Word at <http://grants.nih.gov/grants/olaw/InvestigatorsNeed2Know.doc>.

Printed copies are also available from the campus Animal Care and Use Committee Office by calling 2-8855 or by sending email to acuc@berkeley.edu.

RAC Offices to Close During the Annual Campus Winter Break

The Office for the Protection of Human Subjects, Animal Care and Use Committee Office, and the Sponsored Projects Office, along with the Research Administration and Compliance Office, will be closed during the campus energy curtailment beginning Monday, December 25, 2006, through Monday, January 1, 2007.

SPO Proposal Submission

- Proposals with deadlines during the campus shutdown should arrive at SPO by Friday, December 8, 2006.
- Proposals due at agencies in early January should be at SPO before Friday, December 15, 2006.

ACUC Protocol Submission

- The deadline for protocol submission for the December 6, 2006 is Monday, October 30, 2006.
- The deadline for protocol submission for the January 24, 2007 meeting is Friday, December 15, 2006.

CPHS Protocol Submission

- The deadline for protocol submission for the December 1, 2006 CPHS-I meeting is Monday, November 6, 2006.
- The deadline for protocol submission for the December 8, 2006 CPHS-II meeting is Monday, November 20, 2006.
- The deadline for protocol submission for the January 12, 2007 CPHS-I meeting is Monday, December 4, 2006.
- The deadline for protocol submission for the January 19, 2007 CPHS-II meeting is Monday, December 11, 2006.

Please note that if your study was given full board review last January and approval will expire *before* January 12, 2007, you must submit your renewal application in time for review at a December 2006 CPHS meeting.

Procurement Services Hires Supplier Diversity Administrator

Procurement Services has hired Karen Woo as the new Supplier Diversity Administrator, reestablishing the campus Supplier Diversity Program (formerly known as the Small Business Development Program). Karen will work with campus departments to develop the small business subcontracting plans required for federal contracts over \$550,000, and with SPO staff to submit the plans.

In addition, Karen will help to increase campus purchase activities with local and small businesses, including businesses owned by women, minorities, and service-disabled veterans. She will also develop a vendor resource database to help departments find small businesses from which they can make purchases. Contact Karen at 2-0406 or kwoo@berkeley.edu. For more information, visit <http://businessservices.berkeley.edu/HtmFiles/PurchOpsSmBusAdmin.htm>.

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 Srandel (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

■ **Regional Integrated Pest Management Competitive Grants Program Western Region.** CSREES. Deadline: 12/11/06. Synopsis: Supports projects that develop individual pest control tactics, integrate individual tactics into an IPM system, and develop and implement extension education programs. URL: http://www.csrees.usda.gov/funding/rfas/ipm_western.html

■ **National Initiative Competitive Grants Program.** Cooperative State Research, Education, and Extension Service (CSREES). Deadline: Varies by program area. Synopsis: The RFA includes 34 different program areas, and supports (1) high priority fundamental and mission-linked research of importance in the biological, environmental, physical, and social sciences relevant to agriculture, food, and the environment and (2) research, extension, and education grants addressing key issues of national and regional importance to agriculture, forestry, and related topics. URL: <http://www.csrees.usda.gov/fo/fundview.cfm?fnum=1606>

Commerce Department

■ **Ballast Water Technology Demonstration Program,** Treatment Technology. NOAA. Deadline: 1/10/07. Synopsis: Supports projects to develop, test, and demonstrate technologies that treat ships' ballast water in order to reduce the threat of introduction of aquatic invasive species to U.S. waters through the discharge of ballast water. URL: <http://www.seagrant.noaa.gov/research/nonindigenous/ballast/>

Defense Department

■ **Young Faculty Award.** DARPA. Deadline: 12/5/06. Synopsis: DARPA) is soliciting for research and development in the areas of interest to the Microsystems Technology Office. The solicitation is limited to non-tenured Assistant

Professors with tenure-track positions at U.S. institutions of higher learning and a Ph.D. degree obtained in the year 1996 or later. URL: <http://www.grants.gov/search/search.do?oppId=10908&mode=VIEW>

■ **Young Investigator Program.** ONR. Deadline: 1/12/07. Synopsis: Supports academic scientists and engineers who have received Ph.D. or equivalent degrees within the last five years (on or after 01 November 2001 for this FY07 competition) and who show exceptional promise for doing creative research. URL: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=11246>

■ **Micro-Sensors for Imaging (MISI).** DARPA. Deadline: 1/5/07. Synopsis: The objective is to develop technologies for extremely light weight micro-cameras sensitive in the visible to short wave and in longer wave infrared; and to demonstrate such camera systems in micro-vehicles and head mounted applications. URL: <http://www.darpa.mil/baa/#eto>

■ **Quantum Sensors Program.** DARPA. Deadline: 11/22/06 for first selections, 9/9/07 final deadline. Synopsis: The objective is to develop practical sensors operating outside of a controlled laboratory environment that exploit non-classical photon states to surpass classical sensor resolution. URL: <http://www.darpa.mil/sto/solicitations/BAA06-47/index.html>

■ **Affordable Sensor Technology Development.** Air Force Research Lab. Deadline: 9/6/08. Synopsis: Supports development of advanced, revolutionary and innovative radio frequency, microwave and millimeter wave sensor technologies addressing space based, airborne, Unmanned Air Vehicle and ground based applications. URL: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=11245>

■ **Proactive Intelligence (PAINT).** Air Force Research Lab. Deadline 12/4/06 for FY07. Synopsis: AFRL, in conjunction with the Disruptive Technology Office, is soliciting white papers for innovative, creative, and high-risk research to advance the state-of-the-art in technologies and methods for proactive intelligence. URL: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=11263>

■ **Sensors as Robots.** Air Force Research Lab. Deadline 11/29/06 for FY07. Synopsis: Solicits white papers for technology development in the following areas: net-centric sensing for Net-Centric Warfare/layered sensing/distributed sensing, proportional engagement and predictive resource allocation. URL: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=11264>

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Education Department

■ Fulbright-Hays Faculty Research Abroad. Deadline: 11/15/06. Synopsis: Supports research abroad in modern foreign languages and area studies. Of particular interest are projects that focus on one or more of the areas where the following languages are spoken: Arabic, Chinese, Japanese, Korean, Russian, as well as the Indic, Iranian, and Turkic language families. URL: <http://www.ed.gov/news/fedregister/index.html>

■ Business and International Education Program. Deadline: 11/21/06. Synopsis: Priority I: Applications from institutions of higher education that include the Middle East, East Asia, South Asia, Russia, and Africa. Priority II: Applications that focus on best practices of international business training programs, teaching, and curriculum development to increase American competitiveness. URL: <http://www.ed.gov/news/fedregister/announce/index.html>

■ National Institute on Disability and Rehabilitation Research Research Fellowships Program. Deadline: 11/27/06. Synopsis: Fellows must conduct original research in an area authorized by section 204 of the Rehabilitation Act of 1973, as amended. URL: <http://www.ed.gov/news/fedregister/announce/index.html>

■ Disability and Rehabilitation Research Projects and Centers Program Advanced Rehabilitation Research Training Projects. Deadline: 11/20/06. Synopsis: ARRT projects train rehabilitation researchers, including individuals with disabilities. URL: <http://www.ed.gov/news/fedregister/announce/index.html>

■ Undergraduate International Studies and Foreign Language. Deadline: 11/17/06. Synopsis: Provides grants to strengthen and improve undergraduate instruction in international studies and foreign languages. URL: <http://www.ed.gov/news/fedregister/announce/index.html>

■ Graduate Assistance in Areas of National Need. Deadline: 11/20/06. Synopsis: Projects must provide fellowships in one or more of these areas: Biology; General Chemistry; Computer and Information Sciences; General Engineering; General Mathematics; Nursing; and Physics. A priority is Engineering programs that promote the development of alternative energy sources. URL: <http://www.ed.gov/news/fedregister/announce/index.html>

Energy Department

■ High Energy Physics Outstanding Junior Investigator Program. Deadline: 12/5/06. Synopsis: Supports the development of individual research programs by outstanding scientists early in their careers. URL: <http://www.science.doe.gov/grants/FAPN06-25.html>

■ Plant Feedstock Genomics for Bioenergy. USDA, DOE. Deadline: 1/30/07. Synopsis: Supports genomics-based research that will lead to the improved use of biomass and plant feedstocks for the production of fuels such as ethanol or renewable chemical feedstocks. URL: <http://www.grants.gov/search/search.do?oppId=11165>

■ Genomics Bioenergy Research Centers. Deadline: 2/1/07. Synopsis: DOE is soliciting applications for the establishment of up to two centers that develop novel biological solutions for the production of such fuels as cellulosic ethanol or hydrogen or for other groundbreaking bioenergy research with the potential to revolutionize biology-based energy production. URL: <http://doegenomestolife.org/centers/index.shtml>

Environmental Protection Agency

■ Activities that Advance Methane Recovery and Use as a Clean Energy Source. Deadline: 12/4/06. Synopsis: Solicits proposals that advance near-term, cost-effective methane recovery and use as a clean energy source. <http://www.epa.gov/oar/grants/06-08.pdf>

■ Uncertainty Analyses of Models in Integrated Environmental Assessments. Deadline: 12/13/06. Synopsis: EPA is seeking applications proposing interdisciplinary research in the formal treatment of uncertainty when models are used to conduct integrated environmental assessments. URL: http://es.epa.gov/ncer/rfa/2006/2006_star_uncertainty.html

■ Issues in Tribal Environmental Research and Health Promotion. Novel Approaches for Assessing and Managing Cumulative Risks and Impacts of Global Climate Change. Deadline: 1/23/07. Synopsis: EPA is interested in supporting community-based participatory research to generate data that identify subsistence resources, sensitive subpopulations within tribal communities, complex chemical exposures, and links between environmental stressors and health outcomes. URL: <http://es.epa.gov/ncer/rfa/>

■ Uncertainty Analyses of Models in Integrated Environmental Assessments. Deadline: 12/13/06. Synopsis: Supports interdisciplinary research in the formal treatment of uncertainty when models are used to conduct integrated environmental assessments. URL: http://es.epa.gov/ncer/rfa/2006/2006_star_uncertainty.html

■ OSWER Innovations Pilot Projects. Deadline: 11/20/06. Synopsis: The Office of Solid Waste and Emergency Response seeks innovative and collaborative approaches to environmental problem-solving. EPA is interested in short-term projects that produce results and are ready for “real world” practical application in a short period of time. URL: <http://www.epa.gov/oswer/docs/grants/06-08.pdf>

(continued)

Environmental Protection Agency *(continued)*

■ Technologies to Detect Live Viruses and Other Enteric Pathogens in Large Volumes of Water. Deadline: 12/5/06. Synopsis: Funds development of a new or improved method for detecting viruses (or other enteric pathogens) by genus from source and drinking water that is less expensive than the current methods. URL: <http://www.epa.gov/nerl/opportunities/RFA-EPA-ORD-06-26210.pdf>

Health and Human Services Department

■ Senior Scientist Research and Mentorship Award (K05). NIDA, NIAAA. Deadline: Ongoing. Synopsis: Provides protected time for outstanding senior scientists who have demonstrated a sustained high level of productivity conducting biomedical research relevant to the scientific mission of the appropriate institute to focus on their research and to provide mentoring of new investigators. URL: <http://grants.nih.gov/grants/guide/pa-files/PA-06-555.html>

■ NIDA Research Education Grants in Drug Abuse and Addiction. Deadline: Ongoing. Synopsis: NIDA invites grant applications to support innovative educational programs that focus on preparing researchers in clinical research careers relevant to drug abuse and addiction. URL: <http://grants.nih.gov/grants/guide/pa-files/PA-06-550.html>

■ NIOSH Small Research Grant Program. Deadline: Ongoing. Synopsis: The program goal is to support research that is relevant, of high quality, and demonstrates impact in reducing occupational disease and injury. URL: <http://grants.nih.gov/grants/guide/pa-files/PA-06-551.html>

■ NIOSH Exploratory and/or Developmental Grant Program. Deadline: Ongoing. Synopsis: NIOSH invites applications for research related to occupational safety and health. URL: <http://grants.nih.gov/grants/guide/pa-files/PA-06-552.html>

■ NIDDK Education Program Grants. Deadline: Ongoing. Synopsis: NIDDK is especially interested in attracting students and postdoctoral fellows from scientific disciplines underrepresented in disease-oriented biomedical research such as engineering, informatics, computer science, and computational sciences. URL: <http://grants.nih.gov/grants/guide/pa-files/PA-06-554.html>

■ Integrated Preclinical/Clinical Program for HIV Topical Microbicides. NIAID. Deadline: 3/26/07. Synopsis: Supports integrated and iterative multi-project, multi-disciplinary preclinical and exploratory clinical studies. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-07-001.html>

■ Special Topic Course: Exploring Auditory and Vestibular Biology. NIDCD. Deadline: 11/22/06. Synopsis: Funds a new educational course dedicated to the auditory and vestibular biological sciences. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DC-07-006.html>

■ Manufactured Nanomaterials: Physico-chemical Principles of Biocompatibility and Toxicity. NIH. Deadline: 1/12/07. Synopsis: Funds research on the physico-chemical interaction of manufactured nanoscale materials with mammalian systems. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-06-008.html>

■ Environmental Sensors for Personal Exposure Assessment. NIEHS. Deadline: 12/22/06. Synopsis: Supports research focused on the development of field-deployable or wearable sensors for monitoring individual exposures to a broad range of airborne chemical and biological agents. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-06-011.html>

■ Biological Response Indicators of Environmental Stress Centers. NIEHS. Deadline: 12/22/06. Synopsis: This program will focus on a product-driven approach for the development, confirmation, and application of innovative biomarkers and biosensors, especially those with potential for scale-up for use in large population studies. URL: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-ES-06-012.html>

■ Biological Response Indicators of Environmental Stress. NIEHS. Deadline: 12/22/06. Synopsis: By measuring the cellular, molecular and physiologic responses to environmental stressors in key physiologic and pathophysiologic pathways, the relationships between genetic and non-genetic factors that contribute to disease will be better defined. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-06-013.html>

■ Near-Term Technology Development for Genome Sequencing. NHGRI. Deadline: 11/24/06. Synopsis: NHGRI solicits grant applications to develop novel technologies that will substantially reduce the cost of genomic DNA sequencing. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-06-015.html> (R01), <http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-06-016.html> (R21), <http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-06-017.html> (R21/R33),

■ Revolutionary Genome Sequencing Technologies—\$1000 Genome. NHGRI. Deadline: 11/24/06. Synopsis: NHGRI solicits grant applications to develop novel technologies that will enable extremely low-cost DNA sequencing. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-06-020.html> (R01), <http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-06-021.html> (R21), <http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-06-022.html> (R21/R33),

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Health and Human Services Dept. *(continued)*

- Centers for Education and Research on Therapeutics. AHRQ. Deadline: 1/14/06. Synopsis: The CERTs program is a national initiative to increase awareness of the benefits and risks of new, existing, or combined uses of therapeutics (defined as drugs, biologics and medical devices) through education and research. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HS-07-004.html>

- Coordinating Center for the AHRQ Centers for Education and Research on Therapeutics. AHRQ. Deadline: 1/14/06. Synopsis: The CERTs program is a national initiative to increase awareness of the benefits and risks of new, existing, or combined uses of therapeutics (defined as drugs, biologics and medical devices) through education and research. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HS-07-008.html>

- Secondary Analysis of Existing Alcohol Epidemiology Data. NIAAA. Deadline: Ongoing. Synopsis: Solicits applications for projects that propose to conduct secondary analysis of existing data sets. URL: <http://grants.nih.gov/grants/guide/pa-files/PA-06-558.html> (R03), <http://grants.nih.gov/grants/guide/pa-files/PA-06-557.html> (R21)

- Paul B. Beeson Career Development Awards in Aging. NIA, ODS. Deadline: 12/20/06. Synopsis: Provides three to five years of mentored career development support to clinically-trained faculty members to enable them to gain skills and experience in aging research. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-07-001.html>

- NRSA for Interdisciplinary Individual Postdoctoral Fellows for Training in Neurodegeneration Research. NIH. Deadline: 12/8/06. Synopsis: Solicits grant applications from promising applicants with the potential to become productive, independent investigators in research on neurodegenerative disease. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-07-004.html>

- Membrane Associated Signaling Defects in Immune Cells with Aging. NIA. Deadline: 12/14/06. Synopsis: Supports investigations that will define the molecular basis for the impairment of the formation and function of immune synapses in immune cells from aged individuals. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-07-006.html>

- Improved Measures of Diet and Physical Activity for the Genes and Environment Initiative. NCI, NHLBI. Deadline: 1/11/07. Synopsis: The goal is to develop technologies or biomarkers to measure diet and physical activity that are reliable and valid, have low respondent burden, and are economically feasible for use in studies. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-07-032.html>

- Field-Deployable Tools for Quantifying Exposures to Psychosocial Stress and to Addictive Substances for Studies of Health and Disease. NIDA. Deadline: 12/22/06. Synopsis: Supports development, improvement and/or adaptation of measurement technologies for field-deployable tools that can detect and quantify personal exposure to psychosocial stress and/or addictive substances with maximum precision and reliability. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-07-005.html>

- NIDDK Mentored Clinical Scientist Award to Promote Diversity in Health-Related Research. Deadline: 12/20/06. Synopsis: Three year career development award made to clinician scientists from diverse backgrounds. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-06-015.html>

- Point-of-Care Technologies Research Network. NIBIB. Deadline: 1/17/07. Synopsis: This announcement is for the support of a network of individual centers, that will work to build expertise in the development of integrated systems that address unmet clinical needs. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-EB-06-002.html>

- Therapeutics Delivery for Neurodegenerative Diseases. NIH. Deadline: 12/8/06. Synopsis: Supports Exploratory/Developmental (R21) grants to develop biomarkers of neurodegenerative disease. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-EY-07-001.html>

- Consumer Assessment of Healthcare Providers and Systems (CAHPS) III. AHRQ. Deadline: 12/18/06. Synopsis: This solicitation continues the work of CAHPS, which AHRQ began in 1995. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HS-07-001.html>

- Biomarkers for Neurodegeneration. NIH. Deadline: 12/8/06. Synopsis: Supports Exploratory/Developmental grants to develop biomarkers of neurodegenerative disease. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-NS-07-004.html>

- Technology Development for Biomedical Applications. NCRR. Deadline: 1/26/07. Synopsis: Invites applications for (1) the development of new and improved instruments or devices, (2) the development of new methodologies using existing instruments, or (3) the development of software related to instrumentation. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-RR-06-004.html>

- Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellows (F31). NIH. Deadline: Ongoing. Synopsis: Participating NIH Institutes provide individual predoctoral research training fellowship awards to promising doctoral candidates. URL: <http://grants.nih.gov/grants/guide/pa-files/PA-07-002.html>

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Health and Human Services Dept. *(continued)*

■ Structural Interventions, Alcohol Use, and Risk of HIV/AIDS. NIAAA. Deadline: Synopsis: Solicits applications to investigate the effectiveness of structural interventions that reduce the risk of HIV/AIDS transmission by changing the environment of alcohol use. URL: <http://grants.nih.gov/grants/guide/pa-files/PA-07-006.html> (R03), <http://grants.nih.gov/grants/guide/pa-files/PA-07-005.html> (R21)

■ Alcohol Education Project Grants. NIAAA. Deadline: Ongoing. Synopsis: Funds health education activities in: 1) K-12 science education and undergraduate/graduate education; 2) health professions education; and 3) public health education. URL: <http://grants.nih.gov/grants/guide/pa-files/PA-07-001.html>

■ The Bernard Osher Foundation/NCCAM CAM Practitioner Research Career Development Award. Deadline: Various. Synopsis: Provides research training support for CAM Practitioners with clinical doctorates, who have had limited opportunities for research training, but a strong desire to pursue a career in CAM research. URL: <http://grants.nih.gov/grants/guide/pa-files/PA-07-003.html>

■ Community-Based Participatory Research at NIMH. Deadline: Ongoing. Synopsis: Supports research partnerships between community-based, clinical/services settings and research institutions to reduce the burden of mental illness, behavioral disorders and HIV/AIDS through research on mind, brain, and behavior. URL: <http://grants.nih.gov/grants/guide/pa-files/PA-07-004.html>

■ Developing Integrated Economic Models of Health and Retirement. NIA. Deadline: 12/14/06. Synopsis: Invites applications to develop a comprehensive model of retirement that integrates health and disability, wealth, and family structure. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-07-007.html>

■ Mechanisms of Drug Abuse Interactions with HIV Neuropathogenesis. NIDA. Deadline: 3/21/07. Synopsis: Solicits research to examine the mechanisms of interaction between licit or illicit substance abuse, or medications to treat substance abuse, and events related to the etiology and pathogenesis of HIV-associated neurologic complications. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-07-003.html>

■ Cooperative Multicenter Diabetes Research Network for Hypoglycemia Prevention. NIH. Deadline: 11/22/06. Synopsis: Invites applications from investigators willing to participate in a cooperative research network designed to reduce the incidence of hypoglycemia in children and young adults. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-06-020.html>

■ 2007 NIH Director's Pioneer Award Program. Deadline: 1/16/07. Synopsis: Supports individual scientists of exceptional creativity who propose pioneering approaches to major contemporary challenges in biomedical and behavioral research. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-07-005.html>

■ Biobehavioral Methods to Improve Outcomes Research. NIH. Deadline: Ongoing. Synopsis: Solicits applications to foster biobehavioral research and develop innovative research designs, methods of measurement, and data analysis techniques. URL: <http://grants.nih.gov/grants/guide/pa-files/PA-07-008.html>

■ Symptom Clusters in Cancer and Immune Disorders. NINR, NCI. Deadline: Ongoing. Synopsis: Solicits applications that propose to identify and assess biobehavioral characteristics of symptom clusters; or design and test interventions that lead to clear outcomes. URL: <http://grants.nih.gov/grants/guide/pa-files/PA-07-009.html>

■ Development of Immunotherapeutic Products for the Treatment of Methamphetamine Addiction. NIDA. Deadline: 1/11/07. Synopsis: Supports research in the design, synthesis, and pre-clinical evaluation of vaccines developed from methamphetamine-protein conjugates. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-07-004.html>

■ Design, Synthesis, and Preclinical Testing of Potential Treatment Agents for Drug Addiction. NIDA. Deadline: 1/26/07. Synopsis: Solicits research applications that propose design, synthesis, and preclinical testing of potential treatment agents for drug addiction and/or relapse prevention. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-07-006.html>

■ Facilitating Interdisciplinary Research via Methodological and Technological Innovation in the Behavioral and Social Sciences. NIH. Deadline: 2/23/07. Synopsis: Solicits applications to develop new/innovative measures, methods, and technologies that support the interdisciplinary integration of human social and/or behavioral science with other disciplines across varying levels of analysis. URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-07-004.html>

■ International Research Scientist Development Award. NIH. Deadline: 1/16/07. Synopsis: Supports U.S. postdoctoral biomedical, epidemiological, clinical, social and behavioral scientists in the formative stages of their careers to conduct research in developing countries. URL: <http://grants.nih.gov/grants/guide/pa-files/PA-07-014.html>

Institute of Museum and Library Services

■ 21st Century Librarian Program. Deadline: 12/15/06. Synopsis: Supports projects to develop faculty and library leaders, to recruit and educate the next generation of librarians, to conduct research, to attract high school and college students to consider careers in libraries, to build institutional capacity in graduate schools, and to assist in the professional development. URL: <http://www.ims.gov/applicants/grants/21centuryLibrarian.shtm>

Justice Department

■ Geospatial Technology. Deadline: 11/13/06 for concept papers. Synopsis: Seeks proposals for research, development, testing, and evaluation initiatives that address the geospatial technology needs of criminal justice agencies and other agencies that collaborate with them. URL: <http://www.ncjrs.gov/pdffiles1/nij/sl000766.pdf>

■ Forensic Analysis of Fire and Arson Evidence. Deadline: 11/13/06 for concept papers. Synopsis: Aimed at improving the ability of forensic analysts and investigators to locate and identify probative evidence from fire scenes and to enhance the ability of crime labs to analyze fire evidence. URL: <http://www.ncjrs.gov/pdffiles1/nij/sl000762.pdf>

■ Electronic Crime and Digital Evidence Recovery Technology. Deadline: 11/16/06. Synopsis: NIJ is seeking applications to research, develop, and demonstrate emerging digital evidence recovery technology solutions for public safety agencies. URL: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=11231>

■ Transnational Crime. Deadline: 1/23/07. Synopsis: NIJ seeks research proposals to develop and analyze information and empirical data having clear implications for criminal justice policy and practice. URL: <http://www.ncjrs.gov/pdffiles1/nij/sl000770.pdf>

■ Crime and Justice Research. Deadline: 1/23/07. Synopsis: NIJ solicits proposals to inform its search for the knowledge and tools to guide policy and practice. URL: <http://www.ncjrs.gov/pdffiles1/nij/sl000765.pdf>

National Aeronautics and Space Administration

■ Applied Information Systems Research. ROSES. Deadline: 1/30/07. Synopsis: Seeks to exploit advances in information science and technology to enhance science productivity from NASA's space flight missions. URL: <http://nspires.nasaprs.com/external/>

■ International Polar Year Education and Public Outreach. ROSES. Deadline: 1/8/07. Synopsis: Primary objective is to

share knowledge about polar science and its global connections during IPY and by communicating NASA's contributions to recent advances in Arctic and Antarctic research and climate science. URL: <http://nspires.nasaprs.com/external/>

■ Virtual Observatories for Heliosphysics Data. ROSES. Deadline: 1/30/07. Synopsis: URL: Solicits proposals to develop, demonstrate, and enhance prototypes of software applications generally known as virtual observatories. <http://nspires.nasaprs.com/external/>

■ Astrobiology Science and Technology for Exploring Planets. Deadline: 11/30/06. Synopsis: Solicits proposals for investigations to explore the Earth's extreme environments in order to develop a sound technical and scientific basis to search for life on other planets. URL: <http://nspires.nasaprs.com/>

■ Suzaku Guest Observer - Cycle 2. Deadline: 12/1/06. Synopsis: The primary goal of the Suzaku mission is to investigate the nature and physics of astrophysical objects as revealed through detailed observations of their high-energy emission.. URL: <http://nspires.nasaprs.com/>

■ Astrobiology Science and Technology Instrument Development. Deadline: 12/19/06. Synopsis: Requests proposals to develop instrumentation capabilities that will help meet astrobiology science requirements on future space flight missions, as well as unique astrobiology science objectives on Earth. URL: <http://nspires.nasaprs.com/>

National Endowment for the Humanities

■ Implementation Grants for Special Projects. Deadline: 1/23/07. Synopsis: Support a variety of public humanities program formats, including public discussion forums, hands-on learning experiences, discussion series based on reading or film-viewing, multi-faceted conferences, or symposia. URL: <http://www.neh.gov/grants/guidelines/implement-special.html>

National Science Foundation

■ Research and Evaluation on Education in Science and Engineering (REESE). Deadline: 1/29/07. Synopsis: This solicitation calls for two types of proposals—synthesis and empirical. For either type of proposal, areas of interest include behavioral, cognitive, social, and technological aspects of learning and education; learning in formal and informal settings; diffusion, implementation, and the role of context in educational and learning innovations; and theoretical, methodological, and statistical issues of importance in advancing research and evaluation. URL: http://nsf.gov/funding/pgm_summ.jsp?pims_id=13667

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National Science Foundation *(continued)*

■ Innovation and Organizational Change (IOC). Deadline: 2/2/07. Synopsis: Supports scientific research directed at advancing understanding of innovation and organizational phenomena. Levels of analysis may include individuals, groups and/or institutional arrangements. Research may involve industrial, educational, service, government, not-for-profits, voluntary organizations or interorganizational arrangements. URL: http://nsf.gov/funding/pgm_summ.jsp?pims_id=5378

■ Environmental Genomics (En-Gen). Deadline: 1/29/07. Synopsis: This program is intended to enhance the development of fundamental knowledge and strengthen the capacity to apply these methods in research on organisms in their natural environments. URL: http://nsf.gov/funding/pgm_summ.jsp?pims_id=13680

■ 2010 Project. Deadline: 1/29/07. Synopsis: The Directorate for Biological Sciences announces its intention to continue support of research to determine the functions of all genes in the model plant *Arabidopsis thaliana* by the year 2010. URL: http://nsf.gov/funding/pgm_summ.jsp?pims_id=5337

■ Strategic Technologies for Cyberinfrastructure (STCI). Deadline: 2/8/07. Synopsis: Supports development and/or demonstration of innovative cyberinfrastructure services for science and engineering research and education that fill gaps left by more targeted funding opportunities, and also supports cyberinfrastructure education, outreach and training proposals. URL: http://nsf.gov/funding/pgm_summ.jsp?pims_id=500066

■ Deep Underground Science and Engineering Laboratory (DUSEL). Deadline: 1/9/07. Synopsis: This solicitation invites proposals to conduct design and development activities for a DUSEL for a specific site. An award will be made for design and development activities leading toward a detailed cost/schedule/scope/management baseline plan. URL: http://nsf.gov/funding/pgm_summ.jsp?pims_id=500072

■ Chemical, Bioengineering, Environmental, and Transport Systems (CBET). Deadline: 3/1/07, 9/15/07. Synopsis: The annual CBET submission windows for all unsolicited proposals are February 1 through March 1 and August 15 through September 15. Program areas are Biomedical Engineering and Engineering Healthcare; Chemical, Biochemical, and Biotechnology Systems; Environmental Engineering and Sustainability; Transport and Thermal Fluids Phenomena. URL: <http://nsf.gov/div/index.jsp?org=CBET>

■ Cyber Trust. Deadline: 1/8/07. Synopsis: CT will support projects on cybersecurity; trustworthiness at all levels of system design, implementation and use; social, economic, organizational and legal factors influencing the adoption of new cybersecurity approaches and technologies; and that build national education and workforce capacity. URL: http://nsf.gov/funding/pgm_summ.jsp?pims_id=13451

■ Research on Gender in Science and Engineering. Deadline: 1/8/07 for required preliminary proposals for research or extension services; 4/2/07 for proposals. Synopsis: Supports research, dissemination of research, and extension services in education that will lead to a larger and more diverse domestic science and engineering workforce. URL: http://nsf.gov/funding/pgm_summ.jsp?pims_id=5475

■ Scientific Computing Research Environments for the Mathematical Sciences (SCREMS). Deadline: 1/25/07. Synopsis: Identical proposals may not be submitted to both the SCREMS and MRI solicitations. If possible, equipment proposals from mathematics and/or statistics groups should be submitted as MRI proposals (see <http://www.spo.berkeley.edu/Fund/limited.html#NSFmri>). URL: http://nsf.gov/funding/pgm_summ.jsp?pims_id=5616

■ Software Development for Cyberinfrastructure (SDCI). Deadline: 1/22/07. Synopsis: This program supports software development across three major sectors: system software and tools for High Performance Computing environments; software promoting NSF's strategic vision for digital data; and software in the form of middleware capabilities and services to support distributed resource sharing and virtual organizations. URL: http://nsf.gov/funding/pgm_summ.jsp?pims_id=5174

■ Computer Systems Research (CSR). Deadline: 1/1/07. Synopsis: The CSR program has two parts: core areas to support traditional research and education topics; and thematic areas. In FY 2007, the thematic areas are: Cross-Systems Integration, Virtualization for Configuration Management, and Cyber Physical Systems. URL: http://nsf.gov/funding/pgm_summ.jsp?pims_id=13385

■ Science of Design (SoD). Deadline: 2/5/07. Synopsis: Solicits proposals for projects that will bring creative, scientific advances to the design of software artifacts and systems. URL: http://nsf.gov/funding/pgm_summ.jsp?pims_id=12766

■ George E. Brown, Jr. Network for Earthquake Engineering Simulation Research (NEESR). Deadline: 1/30/07. Synopsis: Invites proposals for research on: earthquake and tsunami loss reduction of our nation's civil infrastructure, and new experimental simulation techniques and instrumentation for NEES. URL: http://nsf.gov/funding/pgm_summ.jsp?pims_id=6192

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National Science Foundation *(continued)*

■ Networking Technology and Systems (NeTS). Deadline: 1/22/07. Synopsis: Solicits proposals from the networking research and education community, encouraging investigators to make bold assumptions about the future of networking. The scope of the program covers all properties of information networks. URL: http://nsf.gov/funding/pgm_summ.jsp?pims_id=12765

■ Developmental and Learning Sciences (DLS). Deadline: 1/19/07. Synopsis: 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://nsf.gov/funding/pgm_summ.jsp?pims_id=8671

■ Chemical Bonding Centers (CBC), Phase I. Deadline: 2/2/07 for required preliminary proposals. Synopsis: Supports the formation of centers that can address major, long-term basic chemical research problems. Appropriate research problems are high-risk but potentially high-impact because they will attract broad scientific and public interest. URL: http://nsf.gov/funding/pgm_summ.jsp?pims_id=9186

■ NSF/DOE Partnership in Basic Plasma Science and Engineering. Deadline: 12/13/06. Synopsis: Funds research in the fundamental physics of plasmas. URL: http://nsf.gov/funding/pgm_summ.jsp?pims_id=5602

U.S. Institute of Peace

■ Solicited Grant Initiative. Deadline: Open. Synopsis: USIP has significantly changed its grant programs. The new Solicited Grant Initiative is focused on six countries: Colombia, Iran, Iraq, Nigeria, Pakistan, and Sudan. Priority will be given to initiatives focusing on Iranian relations with the West and with its neighbors in the region, and on Iran's role in regional and international affairs. URL: <http://www.usip.org/grants/index.html>

University of California

■ Salinity/Drainage Program, UC Center for Water Resources. Deadline: 12/15/06. Synopsis: Funds projects on salinity, drainage, selenium and other toxic element problems in the San Joaquin Valley. URL: <http://lib.berkeley.edu/WRCA/WRC/sdp.html>

■ Research Program. UC Center for Water Resources. Deadline: 12/15/06. Synopsis: Supports fundamental and applied research that promotes understanding, development, protection, and effective management of water resources. Also funds water conservation and improving irrigation efficiency. URL: <http://lib.berkeley.edu/WRCA/WRC/pdfs/WRCSDJointCall2007.pdf>

■ UC Cancer Research Coordinating Committee. Grants. Deadline: 12/15/06. Synopsis: CRCC awards grants to new faculty to initiate cancer research projects, to established investigators in areas of research other than cancer to initiate cancer research projects, and to established investigators to initiate studies in new areas. Assistant professors are especially encouraged to apply. URL: <http://crcc.ucdavis.edu>

■ California Breast Cancer Research Program. Dissertation, Postdoctoral Fellowship & IDEA (innovative, developmental, exploratory awards). Deadline: 1/10/07. Synopsis: Funding is available only to California-based applicants for projects carried out primarily within the state of California. URL: <http://www.cbcrcp.org/apply/>

■ California Breast Cancer Research Program. Joining Forces Conference Awards. Deadline: 7/1/07. Synopsis: Grants support a conference, symposium, retreat, or other structured meeting to link breast cancer researchers, non-breast cancer investigators, and community members. URL: <http://www.cbcrcp.org/apply/>

■ Collaborative HIV Prevention Research in Minority Communities. UCSF Center for AIDS Prevention Studies. Deadline: 1/8/07. Synopsis: Assists investigators already conducting HIV-prevention research with ethnic minority communities to improve their programs of research and obtain additional funding. URL: <http://www.caps.ucsf.edu/CAPS/about/fellows/minorityindex.php>

■ Tobacco-Related Disease Research Program. Deadline: 1/18/07. Synopsis: TRDRP funds research in all relevant scientific disciplines designed to improve tobacco control (i.e., public policies and programs for the prevention and cessation of tobacco use and nicotine addiction, and for reduction of exposure to secondhand smoke), and the diagnosis and treatment of tobacco-related disease (i.e., cancer, cardiovascular and cerebrovascular disease, pulmonary disease, and reproductive and other adverse health effects). Many mechanisms available at all levels. URL: <http://www.trdrp.org/Call.asp>

■ Linguistic Minority Research Institute. UC LMRI. Deadline: 2/1/07. 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 Humanities Research Institute. Deadline: 12/1/06 to 1/15/07. Synopsis: Supports residential research groups comprised of faculty, postdocs, and grad students. Also available is the Kevin Starr Postdoctoral Fellowship in California Studies. URL: <http://www.uchri.org/main.php>

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University of California *(continued)*

■ S.V. Ciriacy-Wantrup Postdoctoral Fellowships in Natural Resource Economics and Political Economy. UCB. Deadline: 12/11/06. Synopsis: Applications are open, but not limited, to scholars working in the areas of agricultural and natural resource economics, economics and economic development, business, energy studies, environmental engineering, environmental sciences, forestry, geography, law, natural resource management, public health, and public policy. URL: <http://research.chance.berkeley.edu/ciriacy/>

■ Fellowship in Ethnic Studies. UCLA Institute of American Cultures. Deadline: 1/12/07. Synopsis: Offers fellowships to postdoctoral/visiting scholars to support research on African Americans, American Indians, Asian Americans, and Chicanas/os.. URL: <http://www.gdnet.ucla.edu/iacweb/pstweber.htm>

■ Mental Health Economics Training Program. UCB Public Health. Deadline: 1/15/07. Synopsis: offers stipend-supported fellowship positions, for the 2007-2008 fellowship year. At the time the fellowship commences, individuals must have received a PhD in Economics or a closely related doctoral degree. URL: <http://www.petriss.org/NIMH.htm>

■ Postdoctoral and Midcareer Training in Health Services Research. UCB Public Health and UCSF. Deadline: 1/15/07. Synopsis: Offers stipend-supported fellowship positions, for the July 2007-2008 fellowship year. URL: <http://www.petriss.org/AHRQ2.htm>

■ Visiting Research Fellowships. UCSD Center for Comparative Immigration Studies. Deadline: 1/16/07. Synopsis: Awards 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>

■ Visiting Fellowship/Researcher-in-Residence Program. UCSD Center for US-Mexican Studies. Deadline: 1/19/07. Synopsis: Each year the program brings together scholars from the social sciences, history, and related fields. URL: <http://www.usmex.ucsd.edu/>

■ Tobacco Control Policy Fellowships. UCSF Center for Tobacco Control Research and Education. Deadline: 1/31/07. Synopsis: One- and two-year fellowship positions are available in the Center. URL: <http://tobacco.ucsf.edu/>

■ Fellowships. UCLA Center for 17th- and 18th-Century Studies. William Andrews Clark Memorial Library. Deadline: 2/1/07. Synopsis: Several fellowships for research at the center are available. URL: <http://www.humnet.ucla.edu/humnet/c1718cs/Postd.htm>

Nonprofit Agencies

■ Japan Foundation Center for Global Partnership. Book Project Grants. Deadline: 12/1/06. Synopsis: Grants of up to \$50,000 support the writing phase of a book manuscript on any policy-relevant topic of interest to both Japan and the U.S. that focuses on global economic relations, global security, sustainable development, civil society, or health care and aging. URL: <http://www.cgp.org/index.php?option=article&articleid=338>

■ IR-4 Biopesticide Research Program. Rutgers University. Deadline: 11/14/06. Synopsis: This program funds efficacy research. IR-4 is especially interested in proposals containing biopesticides as resistance management tools, rotated with conventional products. Project proposals will be accepted in Early, Advanced and Demonstration stage categories. <http://ir4.rutgers.edu/biopesticides.html>

■ United States-Israel Binational Science Foundation (BSF). Senior Research Fellowship. Deadline: 1/15/07. Synopsis: Promotes joint agricultural research or other scientific activities between established Fellows from the United States and their Israeli counterparts.. URL: <http://www.bsf.org.il/>

■ Cycle 16 Hubble Space Telescope Observations and funding for Archival Research and Theoretical Research. Deadline: 1/26/07. Synopsis: HST will be offering two new types of GO program in Cycle 16: Coordinated HST-Spitzer Programs and Survey Programs. In addition, the guidelines governing Snapshot proposals have been revised. URL: <http://www.stsci.edu/hst/proposing/docs/cycle16announce>

■ ALS Association. Scientific Research Grant Program. Deadline: 1/2/07. Synopsis: Supports research of amyotrophic lateral sclerosis relevance in areas of stem cell research, disease mechanism, therapeutic approaches, model systems and genetics. URL: <http://www.alsa.org/research/default.cfm>

■ Alcoholic Beverage Medical Research Foundation. Grants for Alcohol Research. Deadline: 2/1/07. Synopsis: Supports scientific studies on the use and prevention of misuse of alcoholic beverages. URL: <http://www.abmrf.org/grants.htm>

■ Alzheimer's Association. Research Grants Program. Deadline: 12/1/06. Synopsis: Funds the following categories of research grants: New Investigator, Investigator-Initiated, Hatfield Award for Clinical Research, Zenith Fellows Award, Everyday Technologies for Alzheimer Care. URL: <http://www.alz.org/Research/RGP/overview.asp>

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Nonprofit Agencies *(continued)*

- National Blood Foundation. Scientific Research Grants. Deadline: 12/15/06. Synopsis: Funds research projects related to transfusion medicine, to include aspects of immunology, hematology, tissue and transplantation medicine, cellular therapies, emerging infectious disease, immunohematology, donor health and recruitment and retention, and implementation of technological advances. URL: http://www.aabb.org/Content/Programs_and_Services/National_Blood_Foundation/
- American Council of Learned Societies. Southeast European Studies Programs. Deadline: 1/17/07. Synopsis: The program supports Institutional Grants for Advanced-Mastery Language Training, Research on Heritage Speakers of Southeast European Languages, and Institutional Training Grants. URL: <http://www.acls.org/seguid.htm>
- American Diabetes Association. Diabetes Research. Deadline: 1/15/07. Synopsis: Supports Career Development Award Program, Clinical Research Awards Program, Henry Becton Innovation Award, Innovation Awards, Junior Faculty Awards, Research Awards Program. URL: <http://www.diabetes.org/diabetes-research/research-home.jsp>
- American Federation for Aging Research. AFAR Grants and Awards. Deadline: 12/15/06. Synopsis: AFAR offers Research Grants, New Investigator Awards in Alzheimer's Disease, New Investigator Awards on Gender Differences in Aging, Mid-Career Award in Aging Research, Breakthroughs in Gerontology Awards, and Senior Postdoctoral Fellows. URL: <http://www.afar.org/grants.html>
- American Heart Association. Western States Affiliate Grants. Deadline: 1/4/07. Synopsis: Supports basic disciplines as well as epidemiological, behavioral, community and clinical investigations that bear on cardiovascular and stroke problems. URL: <http://www.americanheart.org/presenter.jhtml?identifier=2493>
- American Institute for Cancer Research. Deadline: 12/15/06. Synopsis: AICR offers Investigator-Initiated Research Grants, Matching Grants, and Postdoctoral Awards. URL: <http://www.aicr.org/>
- American Psychiatric Foundation Call for Proposals. Deadline: 12/22/06. Synopsis: Supports public education, information and outreach initiatives that promote the early recognition and treatment of mental illness. URL: http://www.psychfoundation.org/call_for_proposals.cfm
- American Psychological Foundation. Wayne F. Placek Small Research Grants Program. Deadline: 1/31/07. Synopsis: Supports small-scale scientific research on lesbian, gay, and bisexual issues. URL: <http://www.apa.org/apf/placek.html>
- American Research Center in Egypt. Fellowship Program. Deadline: 1/5/07. Synopsis: Supports archaeological and scholarly work in Egypt. URL: http://www.arce.org/fellowships/funded_fellowships.html
- Arthritis National Research Foundation. Grants. Deadline: 1/16/07. Synopsis: Funds research on the prevention, treatment and cure of arthritis and related rheumatic diseases. URL: <http://www.curearthritis.org/>
- Asian Cultural Council. Grant Program. Deadline: 2/1/07. Synopsis: Supports cultural exchanges between Asia and the United States in the performing and visual arts. URL: <http://www.asianculturalcouncil.org/applications.html>
- Association for Institutional Research. AIR Grant Program. Deadline: 1/16/07. Synopsis: AIR is dedicated to the professional growth of all who participate in higher education decision making through management research, policy analysis and planning. URL: <http://www.airweb.org/?page=40>
- Association of American Geographers. Research Grants. Deadline: 12/31/06. Synopsis: Awards small grants to support research and field work. URL: <http://www.aag.org/Grantsawards/index.cfm>
- CEC ArtsLink. ArtsLink Projects. Deadline: 1/16/07. Synopsis: Supports U.S. artists, curators, presenters and arts organizations to work with their counterparts in 27 countries in Central Europe, Russia, and Eurasia. URL: <http://www.cecartslink.org/>
- Center for Cultural Judaism. Posen Foundation Grants for the Study of Secular Judaism. Deadline: 12/4/06. Synopsis: Supports teaching of college courses in Jewish secularism and secular Jewish culture. URL: <http://www.culturaljudaism.org/>
- Chamber Music America. Residency Partnership Program. Deadline: 12/8/06. Synopsis: Provides funds to enable ensembles to create and implement residency projects in rural, urban and suburban areas and to offer communities greater access to chamber music through concerts, festivals, and other programs that engage audiences beyond the concert hall. URL: <http://www.chamber-music.org/programs/residency.html>
- Chiang Ching-Kuo Foundation for International Scholarly Exchange. American Region. Subsidies for Publication. Deadline: 2/15/07. Synopsis: Academic publishers may apply for subsidies for the publication of scholarly works. URL: <http://www.cckf.org/e-americaSP.htm>

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Nonprofit Agencies *(continued)*

■ Consulate General of Sweden. Bicentennial Swedish-American Exchange Fund. Deadline: 2/2/07. Synopsis: Offers travel grants to Americans and permanent residents. Applicants should have well-developed projects within the fields of public policy, economics, science, healthcare, education, media or culture. URL: http://www.swedenabroad.com/pages/general____18552.asp

■ Council for International Exchange of Scholars. Fulbright Scholar Program. Scholar Rescue Fund Fellowships Deadline: 1/1/07, 4/1/07, 9/1/07. Synopsis: Provides fellowships for scholars whose lives and work are threatened in their home countries. URL: <http://www.iie.org/programs/srf/>

■ Council of American Overseas Research Centers. CAORC Multi-Country Research Fellowship Program. Deadline: 1/12/07. Synopsis: Funds scholars in fields in the humanities, social sciences, or allied natural sciences and who wish to conduct research of regional or trans-regional significance. URL: <http://www.caorc.org/fellowships/multi/>

■ Dirksen Congressional Leadership Research Center. Congressional Research Awards Program. Deadline: 2/1/07. Synopsis: Grants fund research on congressional leadership and the U.S. Congress. URL: http://www.dirksencenter.org/print_grants_CRAs.htm

■ Emergency Medicine Foundation. Deadline: 12/22/06. Synopsis: This deadline is for the Riggs Family/EMF Health Policy Research Grant, and Career Development Grant programs. URL: <http://my.acep.org/>

■ Emergency Medicine Foundation. Deadline: 1/5/07. Synopsis: This deadline is for the Capnography Career Development Grant, EMF/ENAF Directed Team Grant ED Overcrowding Research Award, and EMF/FERNE Directed Neurological Emergencies Grant programs. URL: <http://my.acep.org/>

■ FRAXA Research Foundation. Medical Research Grants and Postdoctoral Fellowships. Deadline: 2/1/07. Synopsis: Funds research aimed at finding a specific treatment for fragile X syndrome. URL: <http://www.fraxa.org/>

■ Foundation for Digestive Health and Nutrition. American Gastroenterological Association. Pilot Research Awards. Deadline: 1/14/07. Synopsis: The objective is to provide non-salary funds for new investigators, and to support pilot projects that represent new research directions for established investigators. URL: <http://www.fdh.org/>

■ Geyer (Charlotte) Foundation. Grants. Deadline: 2/1/07. 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 payline, to give investigators the opportunity of advancing and improving projects to the point where they are able to successfully compete for an RO1 or other award. URL: <http://www.charlottegeyer.org/>

■ Gilder Lehrman Institute of American History. Scholarly Fellowships. Deadline: 12/1/06. Synopsis: Fellowships fund research in major archives in New York City. URL: <http://www.gilderlehrman.org/historians/fellowships.html>

■ Greenwall Foundation. Interdisciplinary Program in Bioethics. Deadline: 2/1/07. Synopsis: Provides funding for physicians, lawyers, philosophers, economists, theologians and other professionals to address micro and macro issues in bioethics, providing guidance for those engaged in decision making at the bedside as well as those responsible for shaping institutional and public policy. URL: <http://www.greenwall.org/>

■ Herb Society of America. Research Grant Program. Deadline: 1/31/07. Synopsis: Offers grants for research on the horticultural, scientific, and/or social applications or use of herbs throughout history. URL: <http://www.herbsociety.org/research.htm>

■ Horowitz Foundation for Social Policy. Grants and Special Awards. Deadline: 1/31/07. Synopsis: Funds work in major areas of the social sciences, including anthropology, area studies, economics, political science, psychology, sociology, and urban studies, as well as newer areas such as evaluation research. URL: <http://www.horowitz-foundation.org/grant.htm>

■ International Education Research Foundation. Sempeyer Research Grant Program. Deadline: 2/1/07. Synopsis: Funds research on world educational systems that supports applied comparative education, specifically, the evaluation of foreign educational credentials. URL: <http://www.ierf.org/grants.asp>

■ Jackson (Henry M.) Foundation. Grants. Deadline: 12/1/06. Synopsis: The foundation primarily makes grants in international affairs and human rights. URL: <http://www.hmjackson.org/>

■ Japan Foundation. Center for Global Partnership. Deadline: 12/1/06. Synopsis: Goals are to promote collaboration between Japan and the U.S. and enhance dialogue and interchange between Japanese and U.S. citizens. CGP operates grant programs in three areas – intellectual exchange, grassroots exchange, and education – as well as self-initiated projects and fellowships. URL: <http://www.cgp.org/>
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Nonprofit Agencies *(continued)*

- Klingenstein Fund. Klingenstein Fellowship Awards in the Neurosciences. Deadline: 12/8/06. Synopsis: Supports young investigators engaged in research that may lead to a better understanding of epilepsy. URL: <http://www.klingfund.org/>
- Kress (Samuel H.) Foundation Advanced. Curatorial Fellowships. Deadline: 1/15/07. Synopsis: Offers one- year internships for curatorial training in European art at an American museum. URL: <http://www.kressfoundation.org/advafell.html>
- Leakey (L.S.B.) Foundation. General Research Grants. Deadline: 12/15/06. Synopsis: Funds research into human origins. Priority for funding is given to the exploratory phase of promising new projects. URL: <http://www.leakeyfoundation.org/grants.html>
- Muscular Dystrophy Association. MDA Research Grants Programs. Deadline: 12/15/06. Synopsis: MDA supports research aimed at developing treatments for the muscular dystrophies and related diseases of the neuromuscular system. URL: <http://www.mdausa.org/research/guidelines.html>
- National Association of Broadcasters. Grants for Research in Broadcasting. Deadline: 1/31/07. Synopsis: Funds research on economic, business, social, and policy issues important to station managers and other decision-makers in the U.S. commercial broadcast industry. URL: <http://www.nab.org/AM/Template.cfm?Section=Research3>
- NEA Foundation for the Improvement of Education. Learning & Leadership Grants and Innovation Grants. Deadline: 2/1/07. Synopsis: Grants provide opportunities for teachers, education support professionals, and higher education faculty and staff to engage in high-quality professional development and lead their colleagues in professional growth. URL: <http://www.nea.org/grants/neafndtn.html>
- National Italian American Foundation. Grant Program. Deadline: 12/1/06. Synopsis: Funds: Culture and Heritage Grant Awards, and Italian Language Study Grants. URL: <http://www.niaf.org/grants/index.asp>
- National Patient Safety Foundation. Research Grants Program . Deadline: 12/8/06. Synopsis: The objective is to promote studies leading to the prevention of human errors, system errors, patient injuries and the consequences of such adverse events in the health care setting. URL: <http://www.npsf.org/html/research/>
- North American Native Fishes Association. Research Grant Program. Deadline: 1/20/07. Synopsis: Small awards support research to aid the conservation of North America's native fishes, particularly those that are threatened or endangered. URL: <http://www.nanfa.org/research.shtml>
- Paralyzed Veterans of America. Spinal Cord Injury Education and Training Foundation. Deadline: 2/1/07. Synopsis: Grant categories are: Assistive Technology; Patient, Consumer, and Community Education; Professional Development and Education; and Research Utilization and Dissemination. URL: http://www.pva.org/site/PageServer?pagename=research_main
- Paul Mellon Centre for Studies in British Art. Grants and Fellowships. Deadline: 1/15/07. Synopsis: Supports scholarship in the field of British art and architectural history and projects to disseminate knowledge through publications, exhibitions and education. URL: <http://www.paul-mellon-centre.ac.uk/support.html>
- Prostate Cancer Foundation. Competitive Research Awards. Deadline: 12/1/06. Synopsis: Supports innovative, early-stage prostate cancer research projects in select areas. URL: <http://www.prostatecancerfoundation.org/>
- Rainforest Alliance. Kleinmans Fellowships. Deadline: 12/31/06. Synopsis: Supports research to better understand and improve the impacts of non-timber forest product harvest and marketing on rural livelihoods and tropical forest ecosystems. Restricted to Latin America. URL: <http://www.rainforest-alliance.org/>
- Rehabilitation Nursing Foundation. Research Grants. Deadline: 2/1/07. Synopsis: Proposals that address the clinical practice, educational or administrative dimensions of rehabilitation nursing are requested. URL: <http://www.rehabnurse.org/awards/index.html>
- Research Fund of the American Otological Society. Research Grants. Deadline: 1/31/07. Synopsis: Funds the study of otosclerosis, Meniere's disease, and related ear disorders. URL: <http://www.americanotologicalsociety.org/funding.html>
- Sandler Program for Asthma Research. Deadline: 2/8/07. Synopsis: SPAR's mission is to develop important new pathways of investigation in basic research on asthma. SPAR is also interested in supporting new approaches to lung imaging. URL: <http://www.sandlerresearch.org/>

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FIND FUNDING OPPORTUNITIES

COS - <http://fundingopps.cos.com/>

IRIS - <http://www.library.uiuc.edu/iris/>

Nonprofit Agencies *(continued)*

■ Savoy Foundation. Research Grants. Deadline: 1/15/07. Synopsis: Supports research that responds to the needs of people with epilepsy and which facilitates their integration in the workplace. URL: <http://www.savoy-foundation.ca/eng/prog-rech/contenu.htm>

■ Social Science Research Council. Summer Language Institutes for the Languages of the New States of Eurasia. Deadline: 12/4/06. Synopsis: Accepting applications for language programs to be held in summer 2008. URL: http://www.ssrc.org/programs/eurasia/Institutional_Awards/SULI_Grants.page

■ Society of Nuclear Medicine. Pilot Research Grants. Deadline: 2/1/07. Synopsis: Grants support basic or clinical scientists in the early stages of their career. URL: <http://www.snmerf.org/>

■ Sustainable Agriculture Research and Education (SARE) Program. Western Region Ag Professional and Producer Grants. Deadline: 12/6/06. Synopsis: The producer plays critical roles as both a participant and advisor to the ag professional in the conduct of these projects. URL: <http://wsare.usu.edu/grants/>

■ Tourette Syndrome Association. Research and Training Grants. Deadline: 12/14/06. Synopsis: The association mission is to identify the cause of, find the cure for and control the effects of this disorder. URL: <http://tsa-usa.org/research/intent.html>

■ U.S. Pharmaceuticals Group of Pfizer. OAB-LUTS Competitive Grants. Deadline: 12/4/06. Synopsis: Focus is on improving the understanding of overactive bladder and lower urinary tract symptoms. URL: <http://www.promisingminds.com/GrantsIndex.aspx>

■ United States-Japan Foundation. Deadline: 12/15/06, 1/15/07. Synopsis: Supports programs in three principal areas: communication and public opinion, precollege education, and public policy. URL: <http://www.us-jf.org/pgms.htm>

■ National Collegiate Inventors and Innovators Alliance. Grants. Deadline: 12/1/06. Synopsis: Awards grants in two categories: course and program grants and Advanced E-Team grants. URL: <http://www.nciia.org/grants.html>

■ Stanford Synchrotron Radiation Laboratory. Deadline: 5/1/07 for X-ray/VUV; 12/1/06, 4/1/07, 7/1/07 for macromolecular crystallography. Synopsis: Deadlines are for new proposals for research at SSRL. URL: http://www-ssrl.slac.stanford.edu/users/user_admin/guide.html

Contract and Grant Awards in September

Ackerly, David D., University/Jepson Herbaria, \$510,000, NSF, "Niche Conservatism, Functional Trait Evolution and Diversification of the California Vernal Pool Flora."

Alber, Thomas C., QB3, \$2,000,000, William M. Keck Foundation, "The Keck Macrolab at UC Berkeley: Accelerating Imaging of Macromolecular Machines that Mediate Cellular Information Flow."

Almeida, Rodrigo, ESPM: Insect Biology, \$63,580, UC Agriculture and Natural Resources, "Role of Alfalfa in the Epidemiology of Xf in California."

Almeida, Rodrigo, ESPM: Insect Biology, \$40,000, UC Agriculture and Natural Resources, "Mealybug Transmission of Grapevine Leafroll-Associated Viruses."

Almeida, Rodrigo, ESPM: Insect Biology, \$71,392, UC Agriculture and Natural Resources, "Modeling Sharpshooter of Transmission of Xf."

Arens, Edward A., CEDR, \$5,000, City of Calgary, Canada, "Managing Building Performance Using Web-based Surveys."

Auslander, David M., ERSO, \$61,211, LBNL, "Determining Waste of Water and Energy in Residential Hot Water Dist. Systems (37-23)."

Ayduk, Ozlem, IPSR, \$180,002, NSF, "Collaborative Research: Self-Control in the Life Course."

Baker, Robin, Labor Occupational Health Program, \$165,935, CDC, "A Participatory Intervention Program for Homecare Workers (HCWs)."

Baldwin, Bruce G., University/Jepson Herbaria, \$5,610, USDA Forest Service, "Shasta-Trinity NF Contract."

Banks, Martin S., Optometry, \$343,791, NSF, "Psychophysics of Picture Perception."

Battles, John J., Center for Forestry, \$12,473, Nature Conservancy, "Monitoring Forest Carbon and Impacts of Climate Change with Forest Inventories, High-Resolution Satellite Images, and LIDAR."

Bertozzi, Carolyn R., Chemistry, \$2,171,262, NIAID, "Mycobacterial Sulfation Pathways."

Bloom, Joshua, Astronomy, \$18,369, NASA, "Probing Interstellar and Intergalactic Media at $z > 1$."

Bolatto, Alberto, RAL, \$195,580, JPL, "A Complete Picture of the Dust in the Small Magellanic Cloud: Following up Spitzer Imaging with Spectroscopic Observations."

Bruns, Thomas Dickinson, Plant and Microbial Biology, \$310,000, NSF, "Leucoagaricus and Leucocoprinus: Phylogeny and Classification of Litter Saprotrophs in the Agaricaceae."

Budker, Dmitry, Physics, \$85,000, Foundational Questions in Physics and Cosmology Institute, "Search for a Possible Time Variation of the Fine-Structure Constant by Radio-Frequency Spectroscopy of Atomic Dysprosium."

Candida Smith, Richard, Libraries - Bancroft, \$10,000, NEA, "American Composers Oral History Project." *(continued)*

C&G Awards in September *(continued)*

- Candida Smith, Richard, Libraries - Bancroft, \$425,000, Port of Oakland, "Oakland Army Base Oral History Documentation."
- Chandler, David, Chemistry, \$482,500, NSF, "Collaborative Research: Cyberinfrastructure for Phase-Space Mapping - Free Energy, Phase Equilibria and Transition Paths."
- Chay, Kenneth Y., Economics, \$15,000, UC MEXUS, "Paying to Drive Your Own Car: Environmental Regulations in Mexico City."
- Consey, Kevin, BAM/PFA, \$9,000, City of Berkeley, "BAM/PFA Exhibition Support."
- Consey, Kevin, BAM/PFA, \$4,760, Government of France, "PFA French Exhibition Support."
- Consey, Kevin, BAM/PFA, \$5,850, National Film Preservation Foundation, "Pacific Film Archive Collection Preservation (Miss Jesus Fries on Grill)."
- Consey, Kevin, BAM/PFA, \$100,000, Packard Humanities Institute, "Pacific Film Archive Support."
- Cuffey, Kurt, Geography, \$181,801, NSF, "Collaborative Research: Physical Properties of the WAIS Divide Deep Ice Core."
- Daane, Kent, ESPM: Insect Biology, \$50,000, American Vineyard Foundation, "Biology and Management of Argentine Ants in California Vineyards."
- Daane, Kent, ESPM: Insect Biology, \$25,909, California Olive Committee, "2005/06 Quarantine Screening and Selection of Imported Natural Enemies of the Olive Fly."
- Daane, Kent, ESPM: Insect Biology, \$24,000, UC Agriculture and Natural Resources, "Sustainable Controls for Vine Mealybug: Mating Disruption."
- Daane, Kent, ESPM: Insect Biology, \$21,511, UC Agriculture and Natural Resources, "Xf. Group, Cultivar, Climate on ALS."
- Daane, Kent, ESPM: Insect Biology, \$66,000, UC Agriculture and Natural Resources, "Sustainable Controls for Vine Mealybug: Biological Control."
- Daane, Kent, ESPM: Insect Biology, \$54,435, UC Agriculture and Natural Resources, "Host Plant Preference and Natural Infectivity of Insect Vectors on Common Weeds Known to Host *Xylella Fastidiosa*."
- Daane, Kent, ESPM: Insect Biology, \$30,000, UC Agriculture and Natural Resources, "Biology and Management of Argentine Ants in California Vineyards."
- Dawson, Todd E., IB, \$15,964, UC MEXUS, "Tree Community Patterns of Water Acquisition in Mature and Regenerating Tropical Dry Forests in Mexico."
- Depaolo, Donald J., Earth and Planetary Science, \$170,000, NSF, "Transport Times and Ages of Quaternary Fine-Grained Terrestrial Sediments Using U Series Isotopes."
- D'Esposito, Mark, Helen Wills Neuroscience Institute, \$1,584,934, NIMH, "Working Memory and Prefrontal Cortex."
- Dietrich, William E., Earth and Planetary Science, \$14,956, NSF, "2006 Gilbert Club Meeting to be Held in Berkeley, California."
- Dodd, Richard S., ESPM: Forest Science, \$16,600, USDA Forest Service, "Population and Within Population Variation in Tanoak for (a) Resistance to *Phytophthora Ramorum*, and (b) Growth and Adaptive Traits."
- Dornfeld, David A., ERSO, \$430,107, NSF, "Cleanability of Mechanical Components."
- El Ghaoui, Laurent, ERSO, \$56,906, European Org. for Safety of Air Navigation, "Robust Optimization and Control for Highly Time and Cost Efficient Air Transport System."
- El Ghaoui, Laurent, ERSO, \$230,000, NSF, "Collaborative Research: MSPA-MCS: Sparse Multivariate Data Analysis."
- Elfenbein, Hillary Anger, IBER, \$205,517, NSF, "Accuracy in the Cross-Cultural Understanding of Others' Emotions."
- Filippenko, Alexei V., Astronomy, \$384,712, NSF, "Supernovae in Nearby Galaxies: Discovery, Rates, and Detailed Studies."
- Finkel, Robert C., Earth and Planetary Science, \$169,000, NSF, "Collaborative Research: A Proposal for the Cosmic-Ray Produced Nuclide Systematics on Earth (CRONUS-Earth) Project."
- Firestone, Gary L., Cancer Research Laboratory, \$63,074, UC Breast Cancer Research Program, "Artemisinin Disrupts Estrogen Receptor-Alpha and Cell Growth."
- Fisher, George H., SSL, \$200,000, NSF, "Collaborative Research: The Comprehensive Corona Heliosphere Model (CCHM)."
- Fleming, Graham R., QB3, \$125,000, USDA Cooperative State Research Service, "Probing the Molecular Details of Wasteful Energy Dissipation in Antennae of Higher Plants."
- Frechet, Jean, Chemistry, \$249,475, UCSF, "Biocompatible Dendritic Polymers for in Vivo Application."
- Garbelotto, Matteo, ESPM: Ecosystem Sciences, \$851,623, NSF, "Collaborative Research: Sudden Oak Death: Feedback between a Generalist Pathogen, Hosts, and Heterogeneous Environments at Multiple Spatial and.""
- Garbelotto, Matteo, ESPM: Ecosystem Sciences, \$24,310, USDA Animal and Plant Health Inspection Service, "Finalizing a Proficiency Panel for Including a Comparative Study of Effectiveness of Different Diagnostic Assays and Their Detection Thresholds for."
- Garbelotto, Matteo, ESPM: Ecosystem Sciences, \$90,000, USDA Pacific Southwest Forest/Range Experiment Station, "Molecular Diagnostics of *Phytophthora Ramorum* and Other Associated *Phytophthora* ssp."
- Gilbert, Neil, Center for Child and Youth Policy, \$900,000, Administration for Children and Families, "National Resource Center for Programs Servicing Abandoned Infants and Infants at Risk of Abandonment and Their Families."

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C&G Awards in September *(continued)*

- Gillespie, Rosemary G., BNHM, \$81,124, NSF, "PBI: Collaborative Research: The Megadiverse, Microdistributed Spider Family Oonopidae."
- Glaeser, Andreas M., ERSO, \$245,000, NSF, "Liquid-Film-Assisted Ceramic-Metal Bonding."
- Glaser, Steven D., ERSO, \$239,796, NSF, "A New Family of Acoustic Emission Sensors for Damage Source Identification."
- Goldstein, Allen Hyman, ESPM: Ecosystem Sciences, \$109,274, Northern Arizona University, "Carbon Exchange in a Ponderosa Pine Plantation: Strategies of Water Use, Seasonality of Plant Physiology, and the Impact of Aerosols on Photosynthesis."
- Goldstein, Thomas J., Journalism, \$50,000, Ford Foundation, "Journalism - New Print Journalism and Report Discuss the Economic Realities in Journalism and Economic Models."
- Griffiths, Thomas L., ICBS, \$159,998, NSF, "Collaborative Research: Bayesian Methods for Learning and Analyzing Natural Languages."
- Grigoropoulos, Costas P., ERSO, \$60,000, NSF, "NER: Collaborative Research: Carbon Nanotube Nanofluidics."
- Hansen, Mark, ITS, \$50,000, FAA, "Methodology for Condition Assessment of Unstaffed Facilities for the National Airspace System Infrastructure."
- Hansen, Mark, ITS, \$106,514, FAA, "Impact of Convective Weather on Commercial Power Outages."
- Hansen, Mark, ITS, \$35,000, FAA, "Alternative Demand Scenarios."
- Hirst, Robert H., Libraries - Bancroft, \$100,000, NEA, "The Mark Twain Project."
- Hlusko, Leslea J., IB, \$301,977, NSF, "The Evolution of Modularity in the Dentition of Old World Monkeys."
- Hochbaum, Dorit S., IBER, \$330,453, NSF, "New Optimization Techniques in Data Mining."
- Horvath, Arpad, ITS, \$534,788, California Energy Commission, "Life-Cycle Energy Assessment of Alternative Water Supply Systems in California-Extensions and Refinements."
- Hu, Chenming, ERSO, \$300,000, Semiconductor Research Corp., "Versatile Multi-Gate MOSFET Compact Model."
- Hu, Chenming, ERSO, \$7,875, UC MICRO, "Multigate MOSFET Compact Model."
- Huntsinger, Lynn, ESPM: Ecosystem Sciences, \$34,711, UC Agriculture and Natural Resources, "Assessing the Non-Market Values of California Ranches."
- Immel, Thomas, SSL, \$100,000, NSF, "Collaborative Research: The Community-Based Whole Magnetosphere Model (CWMM)."
- Jeanloz, Raymond, Earth and Planetary Science, \$300,002, LLNL, "Physics and Chemistry of Grant Planetary Interiors."
- Jernigan, J Garrett, SSL, \$41,000, Stanford Linear Accelerator Center, "Computing Work Related to the Supernova Acceleration Probe (SNAP)."
- Jordan, Michael I., ERSO, \$77,744, Fox Chase Cancer Center, "New Methods for High-Resolution Comparative Modeling."
- Kane, Caroline M., IB, \$1,600,000, HHMI, "University of California, Berkeley, Undergraduate Science Education Program: PreGraduate Pathway."
- Kane, Caroline M., MCB, \$1,400, Industrial Initiative for Science and Math Education, "Summer Science Fellow with High School Teacher."
- Kariv, Shachar, IBER, \$50,774, NSF, "Collaborative Research: Substantive and Procedural Rationality in Decisions under Uncertainty."
- Keasling, Jay, QB3, \$15,000, UC Discovery Grant, "Second International Conference on Synthetic Biology."
- Kelly, Nina Maggi, ESPM: Insect Biology, \$90,574, USDA Cooperative State Research Service, "Spatial-Temporal Investigation of Establishment and Spread of Sudden Oak Death in Hardwood Forest."
- King, Tsu-Jae, ERSO, \$60,000, Sematech, "Advanced Processes to Reduce Source/Drain Resistance for Nanoscale MOSFETs."
- Knobloch, Edgar, Physics, \$230,577, NSF, "Formation and Properties of Spatially Localized States."
- Knobloch, Edgar, Physics, \$10,964, Virginia Polytechnic Institute and State University, "Collaborative Research: Symmetry- Breaking Bifurcations in an Oscillating Fluid Layer."
- Kremen, Claire, ESPM: Society and Environment, \$9,650, Utah State University, "Pest Control Services from Natural Habitat."
- Lacey, Eileen A., MVZ, \$12,250, UC MEXUS, "Evaluation of the Genetic Isolation by Distance for Species with Different Dispersal Capacity in the Baja California Peninsula."
- Lee, David S., IBER, \$45,000, Alfred P. Sloan Foundation, "Alfred P. Sloan Research Fellowship in Economics."
- Levine, Michael S., MCB, \$111,490, UCSB, "Ascidian Stock Center (ASC)."
- Louie, Steven G., Physics, \$60,000, NSF, "U.S.-Taiwan Workshop on Frontiers in Nanoscience."
- Lustig, Steve, University Health Services, \$5,000, Carson J. Spencer Foundation, "Look for the Signs, Too Campaign."
- Lustig, Steve, University Health Services, \$199,690, US Dept. of Justice, "Preventing Violence at Cal (PVC) Program."
- Madanat, Samer M., ITS, \$44,363, Caltrans, "Hydrogen Fuel Cell: NH₃/NH₄ as an Alternative Hydrogen Medium."
- Mahin, Stephen A., ERSO, \$150,000, NSF, "Robust Performance-Based Design of Concentrically Braced Steel Frame Buildings."

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C&G Awards in September *(continued)*

- Malik, Jitendra, ERSO, \$62,282, California Institute of Technology, "Learning to Recognize Visual Surveillance."
- McFadden, Daniel L., IBER, \$20,000, NIGMS, "Conference on the Effect of Aging on Cognition, Affect, Perception, Planning and Well-Being."
- McFadden, James P., SSL, \$200,000, NASA, "Berkeley Microprobe Development."
- Merenlender, Adina, ESPM: Forest Science, \$13,280, UC Agriculture and Natural Resources, "The Politics and Practice of Watershed Restoration: Insights from the Russian River Watershed, Northern California."
- Micco, Guy, Public Health, \$136,350, UCOP, "Academic Geriatric Resource Program."
- Miguel, Edward, IAS, \$1,854,007, Bill and Melinda Gates Foundation, "Assessing Strategies to Make Rural Water Service Provision Sustainable."
- Mills, Nicholas J., ESPM: Insect Biology, \$26,000, UC Agriculture and Natural Resources, "Spider Mites in California Vineyards: Temperature Tolerance, Effects of Plant Water Status through Leaf Temperature, Impact of Novel Pesticides and."
- Moehle, Jack P., ERSO, \$169,000, PG&E, "Directed Studies of Reducing Seismic Vulnerability of Gas and Electrical Distribution and Transmission Systems."
- Moehle, Jack P., ERSO, \$97,760, PG&E, "Directed Studies of Reducing Seismic Vulnerability of Gas and Electrical Distribution and Transmission Systems."
- Moran, Rachel F., ISSC, \$20,000, Kern County, "Kern County Small Community Prevention Training and Technical Assistance."
- Needell, Barbara, Social Welfare, \$75,001, Urban Institute, "Extended Employment Outcomes for Youth Aging Out of Foster Care."
- Niknejad, Ali M., ERSO, \$450,000, Semiconductor Research Corporation, "BSIM for Mixed Mode Circuit Simulation Using Advanced CMOS Technology."
- Niyogi, Krishna K., Plant and Microbial Biology, \$898,956, NIGMS, "Reverse Genetics of Chlamydomonas Using TILLING."
- Packard, Andrew K., ERSO, \$120,001, University of Minnesota, "Fault Detection and Nonlinear Filtering in Safety Critical Commercial Aircraft Systems."
- Papadimitriou, Christos H., ERSO, \$350,000, NSF, "Research on Games, Networks, and Algorithms."
- Pearson, P David, Education, \$10,359, UCI, "The Pathway Project: A Cognitive Strategies Approach to Reading and Writing Instruction for Teachers of Secondary English Language Learners."
- Pempel, T J., IEAS, \$1,184,000, DOED, "East Asia Comprehensive National Resource Center and Foreign Language and Area Studies Fellowship."
- Pennypacker, Carlton R., SSL, \$30,838, Adler Planetarium and Astronomy Museum, "CI-Team: Introducing High School Science Teachers to 21st Century Research Techniques Made Possible by the Cyberinfrastructure."
- Ragland, David, Public Health, \$465,000, California Office of Traffic Safety, "Latino Traffic Safety Project."
- Ramchandran, Kannan, ERSO, \$300,000, NSF, "Randomized Signal Processing and Decentralized Coding for Robust Large-Scale Distributed Systems."
- Ramesh, Ramamoorthy, Physics, \$450,000, NSF, "Materials World Network: Transport, Switching and Size Effects in the Lead-Free Ferroelectric, BiFeO₃."
- Rine, Jasper D., MCB, \$1,000,000, HHMI, "2006 HHMI Professors Award."
- Robertson, Lynn C., IPSR, \$1,462,892, NIGMS, "Spatial Representations and Attention."
- Roland, Gerard, IGS, \$133,094, NSF, "Voteworld: Comparative Legislative Behavior."
- Schaffer, David, QB3, \$420,001, NSF, "Molecular Evolution of Retroviral Vectors for Enhanced Gene Delivery."
- Schlissel, Mark, MCB, \$80,000, State of California EPA, "Department of Toxic Substances Control Agreement."
- Seshia, Sanjit A., ERSO, \$270,000, NSF, "Collaborative Research: CT-T: Towards Behavior-Based Malware Detection."
- Stephens, Richard S., Public Health, \$657,295, NIAID, "Training in Infectious Diseases and Immunity Research."
- Stover, Eric, Human Rights Center, \$616,000, Omidyar Network, "Accountability Research Project."
- Subramanian, Vivek, ERSO, \$240,000, NSF, "Next Generation Die Attach Technologies Using Nanoengineered Materials."
- Tomizuka, Masayoshi, ERSO, \$44,065, NSF, "The World Forum on Smart Materials and Smart Structures Technology 2007 (SMSST' 07)."
- Tomlin, Claire, ERSO, \$200,000, Vanderbilt University, "Frameworks and Tools for High-Confidence Design of Adaptive, Distributed Embedded Control Systems."
- Walrand, Jean C., ERSO, \$808,260, NSF, "Collaborative Research: NeTS-FIND: Market Enabling Network Architecture."
- Weinstein, Alan D., CPAM, \$15,270, NSF, "Conference on Geometry and Theoretical Physics."
- Whitebook, Marcy, IIR, \$50,000, Schumann Fund for New Jersey, "New Jersey Preschool Director Survey."
- Yang, Haw, Chemistry, \$201,026, NIST, "Characterization Methods for Kinetics of Bottom-Up Assembly with Nanoscale Building Blocks."
- Yu, Bin, Statistics, \$450,000, NSF, "High-Dimensional Challenges in Statistical Machine Learning: Theory, Models and Algorithms."
- Zilberman, David, ARE, \$50,000, USDA Foreign Agricultural Service, "Energy and Agriculture."