The Research Development unit of the Office of Research at the University of California, Santa Barbara publishes Funding Resources. Funding Resources is also available online: http://www.research.ucsb.edu/research-development/find-funding

RESEARCH DEVELOPMENT CONTACT INFORMATION
Meredith Murr
Director, Research Development
murr@research.ucsb.edu or 893-3925

Barbara Walker, Director,
Research Development for the Social Sciences, Humanities, and Fine Arts
walker@research.ucsb.edu or 893-3576

Maria Napoli
Research Development Specialist
napoli@research.ucsb.edu or 893-7345

Whitney Winn
Research Development Analyst
winn@research.ucsb.edu or 893-8891

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Campus and Agency News

RESEARCH ETHICS SEMINAR SERIES: HERBERT KROEMER
The Office of Research presents a research ethics seminar series to complement the online responsible conduct of research course, by providing a forum for discussion and further insights into ethical issues. The next seminar will feature Herbert Kroemer, Nobel Laureate and professor of electrical and computer engineering and materials.

Herbert Kroemer
Professor, Electrical & Computer Engineering and Materials Department
2000 Nobel Physics Laureate
Monday, March 7, 4–6 p.m., Girvetz 1004

Abstract: In early 2002, Bell Labs physicist Hendrick Schoen was considered a rising star in the field of molecular electronics. A little older than 30, Schoen had already authored 90 publications and received a series of prestigious awards. In April 2002, he was being considered for the directorship of the Max Planck Institute for Solid State Research in Stuttgart. In September 2002, he was fired by the Bell Labs and his most prominent papers were withdrawn from publication. What happened? In this talk, Prof. Kroemer will tell us about his role in the investigation on scientific misconduct and discuss issues and repercussions of unethical conduct in research.

Speaker Bio: Professor Kroemer received a PhD in Theoretical Physics in 1952 from the University of Göttingen, Germany. Following work in several research laboratories in Germany and the USA, and a faculty appointment at the University of Colorado, in 1976 Kroemer joined the UCSB faculty, focusing its semiconductor research program on the emerging compound semiconductor technology. In 2000, he was awarded a Nobel Prize in Physics “for developing semiconductor heterostructures used in high-speed- and opto-electronics.” Professor Kroemer was elected as a member of the National Academy of Engineering in 1997 and the National Academy of Sciences in 2003.

Please RSVP at http://tinyurl.com/kroemer-ethics

FACULTY GRANT WRITING RETREAT FOR SOCIAL SCIENCE, HUMANITIES, FINE ARTS, AND EDUCATION
June 15–16, 2011
9 a.m. – 4 p.m. both days
Loma Pelona Center, UCSB

Day 1: Review panel discussion of each proposal
Day 2: Writing exercises and workshops led by Professor Karen Lunsford of the Writing Program and Barbara Walker, Director of Research Development for the Social Sciences, Humanities, and Fine Arts.

Ladder faculty who conduct social science, humanities, fine arts, and/or education research in the College of Letters and Science or the Gevirtz Graduate School of Education are invited to apply. The retreat is limited to 10 participants who are selected on a competitive basis. More information and application guidelines can be found here: http://www.research.ucsb.edu/media/69496/writing_retreat_rfp_2011.pdf

This event is sponsored by the Office of Research, the Dean of the Division of Social Sciences, the Dean of the Division of Humanities and Fine Arts, and the Dean of the Gevirtz Graduate School of Education.
DATA MANAGEMENT PLAN REQUIREMENTS FOR NSF AND NIH

As of January 18, 2011, all proposals submitted to the National Science Foundation must include a Data Management Plan that describes how the proposal will adhere to the NSF policy on the dissemination and sharing of research results. In addition, all investigator-initiated applications to the National Institutes of Health with direct costs greater than $500K in any single year will be expected to address data sharing in their application. The Office of Research has compiled resources to assist Principal Investigators prepare these plans at http://www.research.ucsb.edu/research-development/special-nsf-and-nih-proposal-requirements/data-management. The Research Development team can also offer guidance on data management plans as they relate to a specific proposal. For more information, scientists and engineers should contact Maria Napoli (ext. 7345 or napoli@research.ucsb.edu) and social scientists should contact Barbara Walker (ext. 3576 or walker@research.ucsb.edu).

IMPLEMENTATION OF ELECTRONIC FINALS OF PROPOSALS

In order to streamline proposal processing, Sponsored Projects will now require final copies of proposals to be submitted electronically to our office beginning March 1, 2011. A hard copy will still be required for pre-review, but the hard copy of the final proposal will not be required until a notice of intent to fund is received. If you have any questions, please feel free to call your Sponsored Projects Team.

SPONSORED PROJECTS TRAINING FOR ADMINISTRATORS IN RESEARCH (STAR)

Developed by the Office of Research, STAR, the Sponsored Projects Training for Administrators in Research program is designed for employees with duties and responsibilities related to contract and grant administration. Participants are welcome to take one or several courses in areas of particular interest to them—or they may opt to earn a certificate. The program offers 11 required courses, which are provided in one series of courses offered from September through June. Classes meet in the Marine Sciences Building Auditorium (MSB 1302). For more information please visit http://www.research.ucsb.edu/spo/contracts-and-grants-liaison-resources/star-class-schedule or e-mail training@research.ucsb.edu.

Research Administration and Compliance I (3 hours)
This course addresses the research administration compliance environment, including federal and state conflict-of-interest regulations, conflict of commitment, significant compliance risks in research administration, insider tips/preparing for an audit, the UC Whistleblower Policy, and real-life examples of university research compliance issues.
Thursday, April 7; 9 a.m.–noon

Research Compliance II (2 hours)
This course provides a brief overview of research misconduct, export control, human subjects, animal subjects and stem cell use issues that often arise in research.
Thursday, May 5; 9–11 a.m.

CAMPUS HONORS AND AWARDS

• David Awschalom, professor of physics and electrical and computer engineering, has been elected to the National Academy of Engineering for his contributions to the understanding of spin coherence and spintronics.

• Katherine Byl, assistant professor of electrical and computer engineering, was awarded a Sloan Research Fellowships from the Alfred P. Sloan Foundation.

• Benjamin Monreal, assistant professor of physics, was awarded a Sloan Research Fellowships from the Alfred P. Sloan Foundation.
• **Cenke Xu**, assistant professor of physics, was awarded a Sloan Research Fellowships from the Alfred P. Sloan Foundation.

### LIMITED SUBMISSION DEADLINES

The Office of Research administers the campus selection process for most limited submission competitions. These programs restrict the number of applications, nominations, or proposals that an institution can submit to an agency and require that the campus screen pre-proposals or nominations to determine which will go forward to the sponsor. They are typically due to the Office of Research two months prior to the agency deadline. If fewer submissions than the eligible number are received for the campus deadline, approval to apply may be granted on a first come first served basis.

More information about the programs and campus procedures can be found at [http://www.research.ucsb.edu/funding/LimitedSubmission.aspx](http://www.research.ucsb.edu/funding/LimitedSubmission.aspx).

Programs with upcoming campus deadlines include:

- **NSF Science and Technology Centers: Integrative Partnerships**—Campus Pre-proposal 3/7/11; Agency Pre-proposal 5/30/11
- **NIH NIMHD Science Education Initiative (R25)**—Campus Notice of Intent 3/7/11; Agency LOI 3/21/11; Agency deadline 4/21/11
- **NIH NEI National Research Service Award Institutional Research Training Grants for Statistical Genetics and Genome Informatics**—Campus Notice of Intent 3/21/11; Agency deadline 5/18/11
- **NIH MARC Undergraduate Student Training in Academic Research (U-STAR) National Research Service Award**—Campus Notice of Intent 3/21/11; Agency deadline 5/25/11

Programs with open campus spots (please contact funding@research.ucsb.edu if you are interested in submitting to one of these programs):

- **NSF High Performance Computing System Acquisition Enhancing the Petascale Computing Environment for Science and Engineering**—OR has not received any notices of intent; Agency deadline 3/7/11
- **NIH NIHMD Exploratory Centers of Excellence (P20)**—OR has not received any notices of intent; Agency LOI 3/7/11; Agency deadline 4/7/11
- **NSF Ethics Education in Science and Engineering (EESE)**—OR has not received any notices of intent; Agency deadline 3/14/11
- **IMLS 21st Century Museum Professionals Program**—OR has not received any notices of intent; Agency deadline 3/15/11
- **NIH Superfund Hazardous Substance Research and Training Program (P42)**—OR has not received any notices of intent; Agency LOI 3/16/11; Agency deadline 4/15/11
- **NIH Intellectual and Developmental Disabilities Research Centers 2011 (P30)**—OR has not received any notices of intent; Agency deadline 3/22/11
- **NIH Team-Based Design in Biomedical Engineering Education (R25)**—OR has not received any notices of intent; Agency LOI 4/18/11; Agency deadline 5/18/11
- **NSF Nanotechnology Undergraduate Education (NUE) in Engineering**—OR has not received any notices of intent; Agency deadline 4/20/11
American Reinvestment & Recovery Act Funding

Simms, A. (Earth Science), Earth Research Institute, $123,084, Oklahoma State University, "New Approaches to Unraveling the Climatic and Sea-Level History of the Northwestern Gulf of Mexico."

Simms, A. (Earth Science), Earth Research Institute, $91,087, Oklahoma State University, "Constraining the Deglaciation of the Antarctic Peninsula Using OSL Dated Beach Deposits."

Other Contract and Grant Awards

Airame, S., Gaines, S. (Ecology, Evolution & Marine Biology), Marine Science Institute, $22,519, Oregon State University, "Effectively Communicating the Science of Marine Reserves to European Audiences."

Allen, J. (Physics), California NanoSystems Institute, $100,000, UC Los Angeles, "Spin Transfer Torque Junctions Coupled by Spin Waveguides."

Archuleta, R.J. (Earth Science), Earth Research Institute, $72,170, US Geological Survey, "Strong Ground Motions in Salt Lake City and Other Metropolitan Areas From Large Earthquakes on the Wasatch Fault."


Beltz, G.E. (Mechanical Engineering), Martinez, C. (Campus Outreach Initiatives), Institute for Social, Behavioral, & Economic Research, $227,500, UC Mesa, "UCSB 2010-11 MESA MSP Schools Program."


Clegg, D.O. (Molecular, Cellular & Developmental Biology), Neuroscience Research Institute, $4,000, California State University Channel Islands, "CSUCI CIRM Project: Student Intern."

Cottle, J.M. (Earth Science), Earth Research Institute, $133,321, National Science Foundation, "Collaborative Research: Improving the Accuracy and Precision of Monazite and Allanite Geochronology via ID Th-Pb Ages for Reference Materials."

Daugherty, P.S., Chemical Engineering, $1,554,265, National Institutes of Health-National Institute of Allergy and Infectious Diseases, "Antibody Repertoire Characterization in Celiac Disease."

Feldman, R.E., Statistics & Applied Probability, $20,000, National Science Foundation, "Travel Grants for U.S. Participants to Attend SPA, Oaxaca, Mexico 2011."

Gerber, M. (Education), Gevirtz Graduate School of Education Research Office, $55,882, UC Riverside, "UCR - Math Word Problem Solving."

Goulas, K.G., Geography, $5,000, UC Transportation Center (Berkeley), "UCSB Project Oversight and Reporting in 2010-2011."

Goulas, K.G., Geography, $7,000, UC Transportation Center (Berkeley), "Transportation Speaker Series 2010-2011."

Gross, D.J. (Physics), Kavli Institute for Theoretical Physics, $12,761, Universitat ULM (Germany), "Workshop and Conference on Beyond Standard Optical Lattices."


Hansma, P.K. (Physics), Morse, D.E. (Molecular, Cellular & Developmental Biology), California NanoSystems Institute, $1,393,800, National Institutes of Health-National Institute of General Medical Sciences, "An Improved Atomic Force Microscope for Biomedical Applications: Deep AFM for Large Scale Scanning and Nanomechanics."

Hawker, C.J. (Materials), Materials Research Laboratory, $418,426, Washington University, (St. Louis, Mo), "Integrated Nanosystems for Diagnosis and Therapy."

Hayton, T.W., Chemistry & Biochemistry, $358,623, National Science Foundation, "Synthesis and Stabilization of High-Oxidation State Metal Complexes: Opportunities for Novel Structure and Reactivity."

Hollerer, T.H., Computer Science, $134,971, National Science Foundation, "ASP: EAGER: Collaborative Visualization for Knowledge Computing."
Lubin, P.M., Physics, $40,000, UC San Diego, “California Space Grant Consortium (NASA NNx10At93H).”


Mazin, B., Physics, $910,371, National Aeronautics & Space Administration Shared Services Center, “Large Arrays of UV to Near-IR Lumped Element Kinetic Inductance Detectors.”


Segura, D.A. (Sociology), Lomeli, M. (Sociology), Institute for Social, Behavioral, & Economic Research, $1,310, UC MEXUS, “Race, Class, and Redevelopment in Downtown L.A.’s Latino and Mexican Small Businesses.”


Data provided by the Office of Research. “()” represent investigators’ home departments when those are different from the administering unit.
### Program Announcements
**March 2011**

#### Helpful Hints
- **Program announcements** are organized by funding agency and then by deadline.
- **Limited submission programs** restrict the number of applications, nominations, or proposals an institution can submit to an agency. These programs require that the campus screen pre-proposals or nominations to determine which will go forward to the sponsor and are typically due to the Office of Research two months prior to the agency deadline. If you are interested in applying, please contact Whitney Winn at funding@research.ucsb.edu or ext. 8891, well in advance of the deadline. A list is available on our website at: [http://www.research.ucsb.edu/funding/LimitedSubmission.aspx](http://www.research.ucsb.edu/funding/LimitedSubmission.aspx)
- In order to provide a full and complete review, Sponsored Projects in the Office of Research must receive proposals at least four full working days prior to funding agency deadlines.

#### Department of Agriculture (USDA)

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<th>Date</th>
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<tbody>
<tr>
<td>4/4/2011</td>
<td>Proposal</td>
<td>Food Assistance and Nutrition Research Program</td>
<td>Department of Agriculture (USDA)</td>
<td>CFDA 10.253</td>
<td>This program invites applications to conduct research that focuses on USDA’s domestic food assistance and nutrition programs. The three priority research areas are: 1) Food Assistance and the Macroeconomy, 2) Food Assistance and Food Choices, and 3) Using Behavioral Economics and Incentives to Promote Child Nutrition. Proposals for total funding between $100K and $300K will be accepted, with a maximum project period of three years.</td>
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<tr>
<td>5/18/2011</td>
<td>Application</td>
<td>Agriculture and Food Research Initiative Competitive Grants Program - Childhood Obesity Prevention</td>
<td>Department of Agriculture (USDA), National Institute of Food and Agriculture (NIFA)</td>
<td>CFDA 10.310</td>
<td>This RFA focuses on finding effective interventions to prevent obesity through applied research, translational research, and integrated research, education, and extension projects that can result in actionable strategies. The main program area is Integrated Research, Education, and Extension to Prevent Childhood Obesity. In FY 2011, pre-adolescent and early adolescent children (ages 9-14 years) will be targeted.</td>
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#### Department of Commerce (DOC)

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<td>5/6/2011</td>
<td>Full Proposal (by invitation only)</td>
<td>Precision Measurement Grant Program</td>
<td>Department of Commerce, National Institute of Standards and Technology (NIST)</td>
<td>2011-PMGP-01</td>
<td>NIST sponsors these grants and cooperative agreements primarily to encourage basic, measurement-related research and to foster contacts between NIST scientists and those faculty members of academic institutions and other researchers who are actively engaged in such work. These grants are also intended to make it possible for researchers to pursue new ideas for which other sources of support may be difficult to find. There is some latitude in research topics that will be considered under this program; the key requirement is that the proposed project is consistent with NIST’s ongoing work in the field of basic measurement science. Applicants should propose multi-year projects for up to three years at no more than $50K per year.</td>
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#### Department of Defense (DOD)

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Research Interests of the Air Force of Scientific Research

Air Force Office of Scientific Research (AFOSR)
http://www07.grants.gov/search/search.do?oppId=51659&mode=VIEW

Contact: Varies with research interest
Solicitation number: AFOSR-BAA-2010-1

AFOSR supports basic research in three scientific areas: Aerospace, Chemical and Material Sciences; Physics and Electronics; and Mathematics, Information and Life Sciences. AFOSR is seeking unclassified white papers and proposals for fundamental research. Awards average $150K per year and may be proposed for up to five years. Proposals may be submitted at any time, though it is recommended to contact the appropriate program manager prior to submission.

U.S. Army Engineer Research and Development Center BAA

U.S. Army Engineer Research and Development Center (ERDC)
https://acquisition.army.mil/asfi/upload/W912HZ11BAA02/W912HZ11BAA02.pdf

Contact: Varies with research interest
Solicitation number: W912HZ-11-BAA-02

The ERDC is responsible for conducting research in the broad fields of hydraulics, dredging, coastal engineering, instrumentation, oceanography, remote sensing, geotechnical engineering, earthquake engineering, soil effects, vehicle mobility, self-contained munitions, military engineering, geophysics, pavements, protective structures, aquatic plants, water quality, dredged material, treatment of hazardous waste, wetlands, physical/mechanical/ chemical properties of snow and other frozen precipitation, infrastructure and environmental issues for installations, computer science, telecommunications management, energy, facilities maintenance, materials and structures, engineering processes, environmental processes, land and heritage conservation, and ecological processes. Those interested in submitting research proposals to ERDC are encouraged to make preliminary inquiries.

Communications and Networking Discovery and Invention

Office of Naval Research (ONR)
http://www.onr.navy.mil/~media/Files/Funding-Announcements/BAA/2011/11-013.ashx

Contact: Santanu Das, santanu.das@navy.mil
Solicitation number: ONRBA11-013

The goal of this program is to support the FORCEnet vision by developing measurable advances in technology that can directly enable and enhance end-to-end connectivity and quality-of-service for mission-critical information exchange among widely dispersed naval, joint, and coalition forces. ONR plans to fund $300K to $500K per year per award for a period of one to three years.

Mathematics of Sensing, Exploitation and Execution (MSEE)

Defense Advanced Research Projects Agency (DARPA), Defense Sciences Office
https://www.fbo.gov/download/141/141dad2c1be7d4f7365b59480ebd2831/DARPA-BAA-11-28_(MSEE).pdf

Contact: Tony Falcone, DARPA-BAA-11-28@darpa.mil
Solicitation number: DARPA-BAA-11-28

This announcement seeks proposals that formulate and develop new mathematical principles underpinning a unified approach to sensor data collection, analysis and follow-on action. Proposals may address only Focus Area One (Mathematical Formalism), or both Focus Areas One and Two (Solution Methods and Applications).
Centers of Academic Excellence in National Security Studies (IC CAE) Program
Office of the Director of National Intelligence
http://www07.grants.gov/search/search.do;?oppId=72733&mode=VIEW
Contact: James Troutman, ACTGrants@nga.mil
Solicitation number: HM1582-11-BAA-0001
The IC CAE Program focuses on research in areas of IC interest and on developing and fostering competitive, knowledgeable, and ethnically diverse talent pools with regional/geographic and cultural awareness, proficiency in critical languages, and expertise in science, technology, engineering, and mathematics (STEM). Potential applicants are encouraged to obtain and become familiar with the information on IC CAE Program by accessing the ODNI website at http://www.dni.gov/cae. It is expected that two or more awards will be made. Each individual award can be for a base period of up to two years with up to three one-year options to bring the total maximum term of five years.

ENGAGE - Learning to Solve Problems, Solving Problems to Learn
Defense Advanced Research Projects Agency (DARPA)
Contact: Russell Shilling, DARPA-BAA-11-36@darpa.mil
Solicitation number: DARPA-BAA-11-36
DARPA is soliciting proposals for innovative research in educational systems that will ENGAGE young students (Pre-K – Grade 3) in Science, Technology, Engineering, and Mathematics (STEM) studies while conducting research into the best methods and practices for teaching these topics. Specifically, an educational game-based approach is being sought that will analyze game-play across thousands of players to determine the best approaches for teaching specific STEM topics while taking into account individual learning styles, demographics and other factors identified by the game to impact learning. There will be two main technical areas, Educational Videogame Development (TA-1) and Educational Specialists (TA-2).

Reduced Order Representations for Design: Development of Analytical and Computational Techniques for Multi-ph
Office of Naval Research (ONR)
https://www.onr.navy.mil/~media/Files/Funding-Announcements/Special-Notice/11-SN-0003.ashx
Contact: Reza Malek-Madani, reza.malekmadani@navy.mil
Solicitation number: 11-SN-0003
This program aims to advance computational methods for design and optimization across a heterogeneous set of physical processes. It will focus on development of reduced-order representations of general classes of data and physical processes, with a focus on significantly improved speed of system optimization, as well as an efficient and mathematically rigorous framework for investigation of the system “trade space.” The program will integrate basic research in mathematics, optimization, physics-based modeling, and statistics.

Human Social Cultural and Behavioral Sciences (HSBC) Applied Research and Advanced Technology Development
Office of Naval Research (ONR)
http://www.onr.navy.mil/~media/Files/Funding-Announcements/BAA/2011/11-014.ashx
Contact: Ivy Estabrooke, ivy.estabrooke@navy.mil
Solicitation number: ONRBA11-014
The mission of this six-year program is to research, develop, and transition technologies, tools, and systems that will help forecast socio-cultural behavior at the strategic, operational, and tactical level. The four topic areas are: 1) Data collection and management; 2) Multi-scale and hybrid modeling of regional and subregional stability; 3) Analysis and modeling of non-kinetic Courses of Action (COAs); and 4) Training methodologies. These topic areas have been broken up into Applied Research and Advanced Technology Development focus areas. White Papers and proposals that address multiple topics are encouraged. Approximately 15 awards, each with a maximum project period of 36 months, will be made. Awards will range from $300K to $800K.
Defense Sciences Research and Technology  
Defense Advanced Research Projects Agency (DARPA), Defense Sciences Office  
Contact: Jon Mogford, DARPA-BAA-10-55@darpa.mil  
Solicitation number: DARPA-BAA-10-55  
This FOA solicits proposal abstracts and full proposals for advanced research and development in a variety of enabling technical areas. Proposers should demonstrate that their proposed effort is aimed at high-risk/high-payoff technologies that have the potential for making revolutionary rather than incremental improvements to national security, including emerging threats and operational challenges. The topic areas are: Physical Sciences; Material Sciences; Biology; Neuroscience; and Mathematics.

Expeditionary Maneuver Warfare and Combating Terrorism  
Office of Naval Research (ONR)  
Contact: Laura Worcester, Laura.Worcester@navy.mil  
Solicitation number: ONR BAA 11-007  
ONR is interested in receiving white papers and proposals to foster new developments in Science and Technology which may ultimately lead to future operational capabilities beyond those represented by current acquisition programs and requirements. Innovative approaches with promise of revolutionary capability that address a subset will be considered. Emphasis on capabilities means that offerors should: propose development that will result in a warfighting capability that can be measured in quantitative terms and found to be "game changing"; address the transformational capability being required by the Department of Defense, particularly the development of a Naval Expeditionary S&T enterprise; leverage or complement other relevant developmental research areas; and be oriented toward rapid maturation, demonstration, and transition. Individual award amounts will range from $300K to $1M per fiscal year for up to 36 months.

Department of Education  
3/30/2011 Application  
Undergraduate International Studies and Foreign Language Program  
Department of Education, Office of Postsecondary Education (OPE)  
Contact: Christine Corey, 202/502–7629, christine.corey@ed.gov  
Solicitation number: CFDA 84.016A  
This program provides grants to strengthen and improve undergraduate instruction in international studies and foreign languages. Of particular interest are applications that propose programs or activities primarily focused on language instruction or applications that propose the development of area or international studies programs to include language instruction in any of the 78 priority languages. For a single institute of higher education, the total award size will range from $50K to $100K for up to 24 months. For consortia, the total award size will range from $80K to $160K for up to 36 months.

Department of Energy (DOE)  
3/18/2011 Application  
Power Electronics Research and Development for Utility Applications  
Department of Energy, National Energy Technology Laboratory  
http://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000461&agency=DOE  
Contact: Kellyn Cassell, 304/285-4554, kellyn.cassell@netl.doe.gov  
Solicitation number: DE-FOA-0000461  
DOE is seeking applications that address fundamental aspects of practical, high-power solid-state electronics using the gallium-nitride-on-silicon (GaN-Si) material system for electric utility applications. The proposed power electronics research and development should enable highly integrated, cost competitive, reliable power electronic devices and components. It is highly encouraged that the applicant project team be an Industry led team consisting of one or more Companies, Universities, National Laboratories and/or non-governmental organizations. Preliminary engagement and support from electrical utilities are highly encouraged. The estimated total award size is $3M for a project period of three years.
**3/21/2011** Application

**SciDAC - Earth System Model Development**
Department of Energy, Office of Science
http://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000452&agency=DOE

Contact: Dorothy Koch, 301/903-0105, dorothy.koch@science.doe.gov

Solicitation number: DE-FOA-0000452

The SciDAC program fosters integration of high performance computing and computational science throughout all mission areas within the Office of Science. This opportunity addresses collaborative research to enhance climate model resolution, physical representation of processes, validation, and quantification of uncertainty. High risk, high pay-off research ideas that explore innovative new directions to advance the understanding, simulation and prediction of climate change are encouraged. Applications should clearly describe how the proposed ideas have the potential to lead to breakthroughs in earth system modeling. Applications may generally request project support up to three years.

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**3/30/2011** Letter of Intent (encouraged)

**5/2/2011** Application

**Scientific Discovery through Advanced Computing Institutes**
Department of Energy, Office of Science
http://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000505&agency=DOE

Contact: Walter Polansky, 301/903-5800, scidac-institutes@ascr.doe.gov

Solicitation number: DE-FOA-0000505

The mission of the SciDAC Institutes is to provide intellectual resources in applied mathematics and computer science, expertise in algorithms and methods, and scientific software tools to advance scientific discovery through modeling and simulation in areas of strategic importance to the Office of Science and the National Nuclear Security Administration (NNSA). Although the work of each proposed Institute is not science application-specific, it is likely — for the purposes of this FOA — to be application-, architecture-, and Institutes-aware. Award sizes for each collaborating institution are anticipated to range from $150K to over $1M per year.

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**4/1/2011** Application

**University Turbine Systems Research**
Department of Energy, National Energy Technology Laboratory
http://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000459&agency=DOE

Contact: Raelynn Honkus, 412/386-4992

Solicitation number: DE-FOA-0000459

Applications are solicited that address technology needs of turbines operating with high Hydrogen content (HHC) fuels. The topic areas are: 1) Combustion; 2) Aero/Heat Transfer; and 3) Turbine Materials. It is expected that one to two awards with a maximum project period of three years will be made under each topic area. The maximum DOE funding for individual awards is $500K. The recipient will be required to cost share a minimum of 20% of the total project costs.

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**4/18/2011** Application

**Research, Development and Training in Isotope Production**
Department of Energy, Office of Science
http://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000448&agency=DOE

Contact: Dennis Phillips, 301/903-7866, dennis.phillips@science.doe.gov

Solicitation number: DE-FOA-0000448

This announcement solicits applications for research on alternative methods to produce and separate stable and radioactive isotopes needed for a wide variety of research and applications. The proposed research and development should provide new and innovative technologies, or improvements to existing technologies, to foster the enhanced production of isotopes that will benefit research and applications in medicine, homeland security, the physical sciences, biological and geological sciences, and industry. Applications proposing novel and effective ways to enhance education and training of personnel with expertise to improve and develop new methods in the production, processing, purification, and distribution of stable and radioactive isotopes are invited. The awards per year typically range from $500K to $1.5M for a minimum of two awards.
**Executive Summary of the Proposal**

**Proposal**


Department of Energy


Contact: Michal Miasnik, 408/727-6777, michalm@birdf.com

Solicitation number:

BIRD Energy is a program for U.S.-Israel joint renewable energy developments funded by the U.S. Department of Energy, the Israel Ministry of National Infrastructures, and the BIRD Foundation. Project proposals should include: R&D cooperation between two companies or cooperation between a company and a university (one from the U.S. and one from Israel); Innovation in areas such as: Solar Power, Alternative Fuels, Advanced Vehicle Technologies, Smart Grid, Wind Energy, or any other Renewable Energy/Energy Efficiency technology; Significant commercial potential. The project outcome should lead to commercialization. The maximum Conditional Grant is $1M per project.

**Department of Homeland Security (DHS)**

**3/14/2011 Application**

**Cross-Discipline Research in Biometrics Science & Technology**

Department of Homeland Security

[http://www07.grants.gov/search/search.do;?oppId=64713&mode=VIEW](http://www07.grants.gov/search/search.do;?oppId=64713&mode=VIEW)

Contact: Christopher Miles, 202/254-6642, Christopher.Miles@dhs.gov

Solicitation number: DHS-11-ST-108-001

This solicitation seeks to significantly improve the performance or application of biometrics by encouraging new cross-discipline research collaboration. Specifically, proposals are sought that will significantly advance the performance or application of biometrics through cross-discipline collaboration including, but not limited to, basic research into: the role of human identity in security; the acceptability and usability of biometrics in DHS’ applications; the forensic proof of automated biometric systems; and the acquisition of useful biometric samples independent of the environment. Two to four awards, with a maximum amount of $500K each for one to two years, will be made.

**Department of Justice (DOJ)**

**3/8/2011 Application**

**Research on Best Practices for Mentoring**

Department of Justice, Office of Juvenile Justice Delinquency Prevention


Contact: Michael Shader, 202/616-2605, michael.shader@usdoj.gov

Solicitation number: OJJDP-2011-2898

This program seeks to enhance what is understood about mentoring as a prevention strategy for youth who are at risk of involvement or already involved in the juvenile justice system. While mentoring appears to be a promising intervention for youth, more evaluation work is needed to further highlight the components of a mentoring program that are most effective. In addition, research is needed to demonstrate specifically the components of mentoring programs that have a significant impact in reducing juvenile delinquency and offending. This solicitation seeks to fund research studies that will inform the design and delivery of mentoring programs. OJJDP will make awards of between $200K and $500K per award for a project period of 12 to 24 months.

**3/17/2011 Full Proposal**

**Research and Evaluation in Crime Control and Prevention**

Department of Justice, National Institute of Justice (NIJ)


Contact: Varies with research interest

Solicitation number: NJI–2011–2826

This solicitation seeks proposals to examine topics relevant to State, local, and/or tribal criminal and juvenile justice policy and practice. Specific focus areas under this solicitation for FY 2011 include: research on police investigations; research on police integrity; the impact of technology on policing; research on policing strategies for smaller police agencies; and research on desistance from gangs and gang-related crime.
3/17/2011    Full Proposal

**Research and Evaluation in Justice Systems**

Department of Justice, National Institute of Justice (NIJ)
http://ncjrs.gov/pdffiles1/nij/sl000967.pdf

Contact:    Varies with research interest

Solicitation number:    NIJ–2011–2825

This solicitation seeks proposals to examine topics relevant to State and/or local criminal and juvenile justice systems policy and practice. Specific focus areas under this solicitation for Fiscal Year (FY) 2011 include: a multi-State study on the impact of incarceration on families of adults confined to penal institutions; a national study on State budget shortfalls and prison closings; and multi-State research on automated reporting systems and kiosk supervision.

3/22/2011    Application

**W.E.B. Du Bois Fellowship Program**

Department of Justice, National Institute of Justice (NIJ)

Contact:    Marilyn Moses, 202/514–6205, Marilyn.Moses@usdoj.gov

Solicitation number:    NIJ-2011-2823

This program provides talented researchers from all academic disciplines with an opportunity, early in their career, prior to the award of tenure, to elevate independently generated research and ideas to the level of national discussion. Due to the nature of this Fellowship, NIJ strongly encourages applicants with diverse racial and ethnic backgrounds. Residency at NIJ is not a fellowship program requirement. The Fellowship places particular emphasis on crime, violence, and the administration of justice in diverse cultural contexts within the US. NIJ anticipates that one award of up to $100K may be made through this solicitation. The maximum award period is typically one year.

4/6/2011    Application

**Research on Violence and Victimization Across the Life-Span**

Department of Justice, National Institute of Justice (NIJ)
http://ncjrs.gov/pdffiles1/nij/sl000969.pdf

Contact:    Christine Crossland, 202/616–5166, Christine.Crossland@usdoj.gov

Solicitation number:    NIJ-2011-2824

With this solicitation, NIJ seeks research and evaluation proposals to address basic research on violence and victimization in the following areas: 1) Basic research on the causes and correlates of violence and victimization across the life-span; 2) Special topics in violence and victimization; and 3) Elder Mistreatment. NIJ funding for an individual research project rarely exceeds $500K, and the typical maximum project period is three years.

4/12/2011    Application

**Basic Scientific Research to Support Forensic Science for Criminal Justice Purposes**

Department of Justice, National Institute of Justice (NIJ)

Contact:    forensic.research@ojp.usdoj.gov

Solicitation number:    NIJ-2011-2086

NIJ seeks to fund basic scientific research in the physical, life, and cognitive sciences that is designed to increase the knowledge underlying forensic science disciplines intended for use in the criminal justice system. Basic scientific research proposals to this solicitation should be designed to lead to: 1) Subsequent applied research and advanced technology developments in forensic science-related technologies intended for use in the criminal justice system, and/or 2) New and improved crime laboratory functional capabilities that result in faster, more robust, more informative, less costly, or less labor-intensive identification, collection, preservation, and/or analysis of evidence. Applicants should try to structure the phases so that the funding required in any fiscal year will not exceed $500K. The project period ordinarily will not exceed three years.
NIJ Visiting Fellows Program

Department of Justice, National Institute of Justice (NIJ)


Contact: Thomas Feucht, 202/307–2949, Thomas.Feucht@usdoj.gov

Solicitation number: NIJ-2011-2829

NIJ seeks proposals for important research work and scholarship. NIJ will recruit Research Fellows, who have worked mainly in academic or other research settings, and Policy Fellows, who have worked mainly in a criminal justice policy or practice setting. NIJ will also recruit Partnership Fellows—a Research Fellow and a Policy Fellow who will work together on a joint research project. During their Fellowship at NIJ, Visiting Fellows will work on a significant piece of scholarship that has the potential to significantly advance criminology or criminal justice research. Applicants in all areas of criminal justice scholarship pertinent to NIJ’s broad research mission—including the social sciences, forensic sciences, and criminal justice technology—are eligible for funding under these programs. Fellowships ordinarily will not exceed a total period of two years.

Environmental Protection Agency (EPA)

3/22/2011  Agency Full Proposal

Community Action for a Renewed Environment (CARE) Program - Limited Submission

Environmental Protection Agency


Contact: Dennis O’Connor, 202/343-9213, oconnor.dennis@epa.gov

Solicitation number: EPA-OAR-IO-11-08

CARE is a unique community-based, community-driven, multimedia demonstration program designed to help communities understand and reduce risks due to toxic pollutants and environmental concerns from all sources. The program will provide funding, information, training, technical support, and help to build collaborative local partnerships, improved access to EPA programs, and address community environmental concerns. EPA will award CARE agreements at two levels: Level I will support the following types of activities: working with the recipient to form community-based collaborative partnerships; identifying and developing an understanding of the many local sources of risk from toxic pollutants and environmental concerns; and setting priorities for the reduction of the identified risks and concerns of the community. Level II agreements are for recipients that have already received a Level I agreement. EPA anticipates awarding one to three Level I cooperative agreements with an average project funding of about $90K. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

4/18/2011  Closing Date

Extreme Event Impacts on Air Quality and Water Quality with a Changing Global Climate

Environmental Protection Agency


Contact: Bryan Bloomer, 703/347-8040, bloomer.bryan@epa.gov

Solicitation number: EPA-G2011-STAR-D1

EPA is seeking applications proposing the development of assessments, tools and techniques, and demonstration of innovative technologies for providing information and capacity to adequately prepare for climate-induced changes in extreme events in the context of air and water quality management. A goal of this RFA is to seek a better understanding of the hazards (the extreme events) and to establish ways for climate scientists, impact assessment modelers, air and water quality managers, and other stakeholders to co-produce information necessary to form sound policy in relation to extreme events and their impact on air and water quality under a changing climate. This solicitation also includes the opportunity for early career projects, their purpose being to fund research projects smaller in scope and budget by early career PIs. Approximately six regular awards amounting up to a total of $750K each, and four early career awards amounting up to $375K each, will be made. The maximum award duration is three years.
4/28/2011 Full Proposal

**Dynamic Air Quality Management**
Environmental Protection Agency
Contact: James Gentry, 703/347-8093, gentry.james@epa.gov
Solicitation number: EPA-G2011-STAR-C1

The EPA is seeking applications proposing research to lay the scientific foundation for improving the air quality management system. Applications may address increasing the rate at which new information is incorporated into regional and local air quality management or improving management of short-term air pollution episodes. In addition to regular awards, this solicitation includes the opportunity for early career projects for untenured faculty. Up to a total of $500K for regular awards and $250K for early career awards for three years will be awarded.

**Institute of Museum and Library Services (IMLS)**

3/15/2011 Agency Application Deadline

**21st Century Museum Professionals Program - Limited Submission**
Institute of Museum and Library Services
http://www.imls.gov/applicants/grants/21centuryMuseums.shtm
Contact: Mark Isaksen, 202/653-4667, misaksen@imls.gov
Solicitation number: CFDA 45.307

The purpose of the 21st Century Museum Professionals Grants program is to increase the capacity of museums by improving the knowledge and skills of museum professionals in multiple institutions. These grants are intended to reach broad groups of museum professionals throughout a city, county, state, region, or the nation. Grants fund a wide range of activities. Awards range from $15K to $500K. A 1:1 cost share is required. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

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

3/15/2011 Renewal Proposal

**NASA Earth and Space Science Fellowship (NESSF) Program**
National Aeronautics and Space Administration
Contact: Ming-Ying Wei, 202/358-0771, mwei@nasa.gov
Solicitation number: NESSF11

This call for graduate fellowship proposals solicits applications from accredited U.S. Universities on behalf of individuals pursuing Masters or Doctoral (Ph.D.) degrees in Earth and space sciences, or related disciplines, at respective institutions. The purpose of NESSF is to ensure continued training of a highly qualified workforce in disciplines needed to achieve NASA’s scientific goals outlined above. Awards resulting from the competitive selection will be made in the form of training grants to the respective universities with the advisor serving as the principal investigator. All applications to NESSF must address the goals and objectives of one or more of the following four SMD research programs: 1) Earth Science Research Program; 2) Heliophysics Research Program; 3) Planetary Science Research Program; and 4) Astrophysics Research Program. The maximum amount of a NESSF award is $30K per year for up to three years.

3/18/2011 Full Proposal

**Solar and Heliospheric Science**
National Aeronautics and Space Administration
http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=220785/B.4%20SHP%20Amend%2026%20V2.pdf
Contact: hq-shp-ps@nasa.gov
Solicitation number: NNH10ZDA001N-SHP

The Solar and Heliospheric Physics (SHP) program has as its objective the comprehensive study of all five solar and heliospheric research areas, namely: Solar interior; Solar photosphere; Solar chromospheres, transition region, and corona; Inner heliosphere; and Outer heliosphere and the interstellar boundary. This program has three main research thrusts, non-flight Supporting Research, Instrument and Technology Development (ITD) that may be carried out in the laboratory and/or observatory, and payloads on balloons, sounding rockets, or as secondary, rocket-class payloads on flights of opportunity.
3/18/2011 Notice of Intent (encouraged)
5/13/2011 Proposal

**Astrophysics Data Analysis**
National Aeronautics and Space Administration


Contact: Douglas Hudgins, 202/358-0988, Douglas.M.Hudgins@nasa.gov

Solicitation number: NNH11ZDA001N-ADAP

This program provides support for investigations whose focus is on the analysis of archival data from NASA space astrophysics missions. This program solicits research whose primary emphasis is the analysis of NASA space astrophysics data that are archived in the public domain at the time of proposal submission. 40 to 50 new awards will be made, each with a maximum project period of four years.

3/25/2011 Proposal

**Strategic Astrophysics Technology (SAT)**
National Aeronautics and Space Administration


Contact: Varies with research interest

Solicitation number: NNH10ZDA001N-SAT

Investigations are solicited for the focused development of technologies that feed into and enable missions in the three science program areas of the Astrophysics Division: Exoplanet Exploration -- 3 to 10 awards for $2.6M per year each; Physics of the Cosmos -- 1 to 2 awards for $3M per year each; and Cosmic Origins -- 1 to 6 awards for $2.4M per year each. The period of performance may not exceed two years. The SAT program is not intended to support “basic” research into new technologies and demonstration of their feasibility, but to emphasize the maturation of key technologies that have already been identified and shown to be feasible. Where appropriate, participation of graduate students is encouraged, especially if the project can be concluded within the nominal tenure of graduate training.

3/25/2011 Proposal

**Astrophysics Research and Analysis**
National Aeronautics and Space Administration


Contact: Linda Sparke, 202/358-7335, HQ-APRA@mail.nasa.gov

Solicitation number: NNH10ZDA001N-APRA

This program solicits basic research proposals for investigations that are relevant to NASA’s programs in astronomy and astrophysics and includes research over the entire range of photons, gravitational waves, and particles of cosmic origin. Awards may be for up to four years’ duration (up to five years for suborbital investigations), but shorter-term proposals are typical. Proposals are solicited in the following five broad categories: Detector Development; Suborbital Investigations; Supporting Technology; Laboratory Astrophysics; and Ground-Based Observations.

3/25/2011 Notice of Intent (encouraged)
5/27/2011 Proposal

**Origins of Solar Systems**
National Aeronautics and Space Administration


Contact: Varies with research interest

Solicitation number: NNH11ZDA001N-OSS

This program solicits basic research proposals to conduct scientific investigations related to understanding the formation and early evolution of planetary systems and to provide the fundamental research and analysis necessary to detect and characterize other planetary systems. These investigations may involve analytical and numerical modeling, laboratory research, and observational studies in the following areas: star formation and the relationship to planetary system formation, solar nebula processes, accumulation and dynamical evolution, analysis of primitive materials, and the detection and characterization of other planetary systems. 20 to 30 awards will be made, each with a maximum project period of four years.
**Opportunities in Education and Public Outreach for Earth and Space Science**

National Aeronautics and Space Administration


Contact: Stephanie Stockman, 202/358-0039, stephanie.a.stockman@nasa.gov

Solicitation number: NNH11ZDA001N-EPOESS

This solicitation is for project activities utilizing Science Mission Directorate (SMD) content supporting NASA education and public outreach (E/PO) objectives. It solicits proposals that address substantial and substantive educational or outreach needs or problems and offer solutions of significant impact. This particular solicitation is focused on education and outreach activities in support of the SMD Earth Science, Heliophysics, Planetary Science, and Astrophysics Divisions. Proposals that address science learning needs across the Divisions are encouraged; however, proposals may target the content of a single Division. 20 to 30 awards will be made, each with a maximum duration of four years.

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**Planetary Astronomy**

National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=257089/C.5%20PAST%20FINAL.pdf

Contact: Philippe Crane, 202/358-0716, Philippe.Crane@nasa.gov

Solicitation number: NNH11ZDA001N-PAST

This program includes support for both ground-based astronomical observations and suborbital investigations involving sounding rockets and balloons. Proposals are solicited for observations over the entire range of wavelengths from the ultraviolet to radio that contribute to the understanding of the general properties and evolution of the Solar System, its planets, their satellites, and of asteroids and comets.

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**Astrophysics Theory**

National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=256948/D.4%20ATP%20FINAL.pdf

Contact: Thierry Lanz, 202/358-3989, HQ-ATP@mail.nasa.gov

Solicitation number: NNH11ZDA001N-ATP

This program supports efforts to develop the basic theory for NASA’s space astrophysics programs. Proposals submitted for this program must both: be directly relevant to space astrophysics goals by facilitating the interpretation of data from space astrophysics missions or by leading to predictions that can be tested with space astrophysics observations; and consist predominantly of theoretical studies or the development of theoretical models. About 32 awards will be made, each with a maximum project period of four years.

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**National Archives and Records Administration (NARA)**

4/1/2011 Draft Deadline (optional)

6/9/2011 Final Deadline

**Digitizing Historical Records**

National Archives and Records Administration


Contact: Nancy Melley, 202/357-5452, nancy.melley@nara.gov

Solicitation number: DIGITIZING-201106

NARA seeks proposals that use cost-effective methods to digitize nationally significant historical record collections and make the digital versions freely available online. Projects must make use of existing holdings of historical repositories and consist of entire collections or series. The materials should already be available to the public at the archives and described so that projects can re-use existing information to serve as metadata for the digitized collection. A grant normally is for one to three years and up to $150K. Cost sharing is required.
Electronic Records Projects
National Archives and Records Administration
Contact: Nancy Melley, 202/357-5452, nancy.melley@nara.gov
Solicitation number: ELECTRONIC-201106
NARA seeks proposals that will increase the capacity of archival repositories to create electronic records archives that preserve records of enduring historical value. The NHPRC supports efforts by archivists and records managers to meet the challenges of electronic records. Projects must involve institutions that have already established archives and records management programs. Start-up projects develop the capacity of institutions to prepare to capture and preserve electronic records, through program planning. Collaborative projects establish and/or improve electronic records archives by engaging in effective and innovative collaborations. A grant normally is for one to three years and up to $300K.

4/1/2011 Colonial and Early National Period Draft (optional)
6/9/2011 Colonial and Early National Period Deadline

Publishing Historical Records
National Archives and Records Administration
http://www.archives.gov/nhprc/announcement/publishing.html
Contact: Timothy Connelly, 202/357-5301, timothy.connelly@nara.gov
Solicitation number: PUBLISHING-201106
The National Historical Publications and Records Commission seeks proposals to publish historical records of national significance. Projects may focus on the papers of major figures from American life or cover broad historical movements in politics, military, business, social reform, the arts, and other aspects of the national experience. Grants are awarded for collecting, describing, preserving, compiling, editing, and publishing documentary source materials. Award amounts ordinarily range from $20K to $250K annually for up to three years. Funding for this award cycle is for projects preparing publications whose documents fall predominantly prior to 1820 (Colonial and Early National Period).

National Endowment for the Arts (NEA)

4/25/2011 Application

Our Town
National Endowment for the Arts
http://nea.gov/grants/apply/OurTown/index.html
Contact: 202/682-5091, OT@arts.gov
Solicitation number: 2011NEAOT
NEA will provide a limited number of grants, ranging from $25K to $250K, for creative placemaking projects that contribute toward the livability of communities and help transform them into lively, beautiful, and sustainable places with the arts at their core. Projects may include planning, design, and arts engagement activities. Projects must involve at least two organizations: one a nonprofit design or cultural organization, and one a government entity. Additional partners are encouraged. All grants require a nonfederal match of at least 1 to 1.

National Endowment for the Humanities (NEH)
**Fellowships for Advanced Social Science Research on Japan**

National Endowment for the Humanities, Division of Research Programs


Contact: 202/606-8200, fellowships@neh.gov

Solicitation number: CFDA 45.160

Awards support research on modern Japanese society and political economy, Japan's international relations, and U.S.-Japan relations. The program encourages innovative research that puts these subjects in wider regional and global contexts and is comparative and contemporary in nature. The fellowships are designed for researchers with advanced language skills whose research will require use of data, sources, and documents in their original languages or whose research requires interviews onsite in direct one-on-one contact. Fellows may undertake their projects in Japan, the United States, or both, and may include work in other countries for comparative purposes. Fellowships cover uninterrupted periods lasting from 6 to 12 months at a stipend of $4.2K per month in outright funds.

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**Fellowships**

National Endowment for the Humanities, Division of Research Programs

http://www.neh.gov/grants/guidelines/fellowships.html

Contact: 202/606-8200, fellowships@neh.gov

Solicitation number: CFDA 45.160

Fellowships support individuals pursuing advanced research that is of value to humanities scholars, general audiences, or both. Recipients usually produce articles, monographs, books, digital materials, archaeological site reports, translations, editions, or other scholarly resources in the humanities. Projects may be at any stage of development. Fellowships cover periods lasting from 6 to 12 months at a stipend of $4.2K per month in outright funds.

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**Challenge Grants**

National Endowment for the Humanities, Office of Challenge Grants

http://www.neh.gov/grants/guidelines/challenge.html

Contact: 202/606-8309, challenge@neh.gov

Solicitation number: CFDA 45.130

NEH challenge grants are capacity-building grants, intended to help institutions and organizations secure long-term improvements in and support for their humanities programs and resources. These funds must provide long-term benefits to the humanities and should reflect careful strategic planning to strengthen the institution’s activities in and commitment to the advancement of knowledge and understanding of the humanities. It is recommended that applicants submit draft proposals four to six weeks before the application deadline. Successful applicants will be offered a matching grant. Recipients must raise three times the amount of federal funds offered. Grants have ranged from $30K to $1M; however, applicants wishing to apply for a grant of more than $500K should consult with NEH staff.

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**National Institutes of Health (NIH)**

3/10/2011 Application

**Ethical, Legal, and Social Implications of Returning Research Results to Genomic Research Participants (R21)**

National Institutes of Health, National Human Genome Research Institute (NHGRI)


Contact: Jean McEwen, 301/402-4997, mcwenj@mail.nih.gov

Solicitation number: RFA-HG-11-004

The purpose of this FOA is to stimulate analytical research on the normative and legal issues involved in deciding whether, when, and how to offer to return individual research results to participants in genomic research studies or to individuals who have provided samples or data for genomic repositories. This FOA is aimed primarily at sole investigators or small teams of investigators who propose modest legal and normative research projects.
**Development of a Preliminary Evidence Base to Inform Decision-making about Returning Research Results**

National Institutes of Health, National Human Genome Research Institute (NHGRI)


Contact: Jean McEwen, 301/402-4997, mcewenj@mail.nih.gov

Solicitation number: RFA-HG-11-003

The purpose of this FOA is to stimulate empirical research to develop a preliminary evidence base to inform decision-making about whether, when, and how to offer to return individual research results to participants in genomic research studies or to individuals who have provided samples or data for genomic repositories. This FOA is aimed primarily at investigators who propose behavioral or social science research projects in which there is likely to be direct interaction with research participants or other stakeholders involved in current, ongoing genomics projects or in genomic sample or data repositories.

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**A GenitoUrinary Development Molecular Anatomy Project (GUDMAP) (U01)**

National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)


Contact: Deborah Hoshizaki, 301/594-7712, deborah.hoshizaki@nih.gov

Solicitation number: RFA-DK-11-001

This FOA invites applications for Cooperative Agreement Research Projects (U01) that focus on defining the molecular anatomy of the developing murine lower urinary tract, or the innervation and vasculature of the lower urinary tract organs. These applications will be considered as part of a continuing GUDMAP effort. The direct costs are expected to be in the range of $100K to $200K per year for a five-year period.

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**Centers Without Walls for Collaborative Research in the Epilepsies - Genetics and Genomics of Human Epilepsies**

National Institutes of Health, National Institute of Neurological Disorders and Stroke (NINDS)


Contact: Randall Stewart, 301/496-1917, stewartr@ninds.nih.gov

Solicitation number: RFA-NS-11-007

The purpose of this FOA is to encourage linked cooperative agreement (U01) applications from large, multidisciplinary groups of investigators to accelerate the rate of progress in identifying the genetic factors that contribute to epilepsy syndromes. Linked applications may include an administrative core, a genetics core, and specific scientific projects proposed for the initial performance period of the Center without Walls. Applicants should note that support for the entire Center without Walls (made up of linked U01 awards) will not exceed $3M direct costs per year. The maximum project period for administrative or genetic cores is five years. The maximum period for specific scientific projects is three years.

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**Type 1 Diabetes Impact Award (DP3)**

National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)


Contact: Kristin Abraham, 301/451-8048, ka136s@mail.nih.gov

Solicitation number: RFA-DK-10-012

This FOA encourages applications proposing groundbreaking original research addressing fundamental questions or major obstacles in Type 1 Diabetes Research, including studies that challenge current dogma. Projects must clearly address a compelling unanswered question in Type 1 Diabetes research. Maximum direct costs are $5M to be used over a project period of up to five years.
Blueprint for Neuroscience Research Education Award (R25)
National Institutes of Health, Cross-Institute
Contact: Cathrine Sasek, 301/443-6071, csasek@nih.gov
Solicitation number: RFA-DA-11-013
This FOA solicits applications focused on improving kindergarten through twelfth grade science education in areas related to the NIH Blueprint for Neuroscience Research. Applications must be innovative, creative, and have a clear plan for improving science knowledge and enthusiasm for science among the targeted students or teachers. Plans for evaluation must be included in the application. Partnerships between educators and scientists in the development of the science education project are highly encouraged. Applications are limited to no more than $250K per year in direct costs for up to five years.

Genomic Resource Grants for Community Resource Projects (U41)
National Institutes of Health, National Human Genome Research Institute (NHGRI)
Contact: Varies with research interest
Solicitation number: PAR-11-095
This FOA encourages applications for the development and support of genomic resources that will be available to and valuable for the broad research community. Such resources include (but are not limited to) informatics resources such as model organism databases and ontologies, comprehensive collections of genomic features (such as structural variants), and collections of physical resources (such as samples and cDNA clone banks). The maximum project period is five years.

Interdisciplinary Approaches for HIV/AIDS Risk-Avoidance Decision Making in Developing Adolescents
National Institutes of Health, National Institute of Nursing Research (NINR)
Contact: Jeanette Hosseini, 301/594-5972, Jeanetteh@mail.nih.gov
Solicitation number: RFA-NR-11-007
This FOA invites interdisciplinary formative research projects attempting to explore HIV/AIDS risk avoidance decision-making among adolescents. Prevention strategies that consider social, cultural, and gender constructs in combination with neurological and cognitive maturity may offer the best opportunity for prevention strategies to reduce HIV transmission in adolescents. The direct costs cannot exceed $350K for any given year. Three to five projects with a maximum period of five years will be funded.

Superfund Hazardous Substance Research and Training Program (P42) - Limited Submission
National Institutes of Health, National Institute of Environmental Health Sciences (NIEHS)
Contact: William Suk, 919/541-0797, suk@niehs.nih.gov
Solicitation number: RFA-ES-10-010
These grants will support problem-based, solution-oriented research Centers that consist of multiple, integrated projects representing both the biomedical and non-biomedical disciplines; as well as cores tasked with administrative, community engagement, research translation, research support, and training functions. The scope of the SRP Centers includes: 1) advanced techniques for the detection, assessment, and evaluation of the effect on human health of hazardous substances; 2) methods to assess the risks to human health presented by hazardous substances; 3) methods and technologies to detect hazardous substances in the environment; and 4) basic biological, chemical, and physical methods to reduce the amount and toxicity of hazardous substances. A new applicant may request a budget for direct costs of up to $1.8M for the first year. New applicants may propose a project period of up to four years. The Office of Research has not received any campus notice of intent. Please contact funding@research.ucsb.edu if you are interested in submitting to this program.
**New Molecular Entities to Treat Substance Use Disorders (R01)**

National Institutes of Health, National Institute on Drug Abuse (NIDA)


Contact: Ming Shih, 301/443-8422, mshih@mail.nih.gov

Solicitation number: RFA-DA-12-001

NIDA is soliciting grant applications for preclinical research projects that can be conducted with accelerated pace from the drug discovery stage to the early development stage, with the ultimate goal of identifying new molecular entities (NME) as candidate compounds and moving them closer to gaining FDA approval of safe and efficacious medications for the treatment of substance use disorders (SUDs). Budgets for direct costs of up to $500K per year for up to three years may be requested.

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**Cancer Prevention Research Small Grant Program (R03)**

National Institutes of Health, National Cancer Institute (NCI)


Contact: Varies with research interest

Solicitation number: PAR-11-079

The National Cancer Institute (NCI) invites applications that propose small and time-limited projects pertinent to the development of cancer chemoprevention agents, biomarkers for early cancer detection, cancer-related nutrition science, and/or clinical prevention studies that focus on specific target organs. Proposed projects may involve basic animal and/or translational research and/or human subjects-oriented research. New, as well as established, investigators in relevant fields and disciplines are encouraged to apply to test the feasibility of innovative ideas or carry out pilot studies. Ultimately, these small grants are expected to facilitate the development of full research projects grants.

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**Dietary Influence on the Human Health Effects of Environmental Exposures (R21)**

National Institutes of Health, National Institute of Environmental Health Sciences (NIEHS)


Contact: Kimberly Gray, 919/541-0293, gray6@niehs.nih.gov

Solicitation number: RFA-ES-11-002

This FOA solicits grant applications to develop and test plausible hypotheses that relate dietary factors to the development or progression of toxicant-induced diseases. The ultimate goal of this research program is to produce new research findings that will expand our understanding of how environmental toxicants and diet/nutrition interact to influence human health and enable the development of effective primary prevention and intervention strategies to mitigate environmentally-induced diseases. The total direct costs allowed over the life of the grant may not exceed $300K. Approximately 10 awards will be made with a maximum project period of three years.

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**NEI Institutional Research Training Grants for Statistical Genetics and Genome Informatics - Limited Submission**

National Institutes of Health, National Eye Institute (NEI)


Contact: Neeraj Agarwal, 301/451-2020, agarwalnee@mail.nih.gov

Solicitation number: RFA-IFY-10-001

This program supports predoctoral and postdoctoral training at institutions having the potential to develop meritorious training programs in genomic medicine, computational genomics, and statistical genetics. The goal of this program is to initiate a training program to develop ophthalmic statistical genetics and bioinformatics research skills critical for investigators seeking to identify genes and genetic variations underlying ocular diseases. This training program is designed to attract individuals in early career stages, in order to increase their knowledge and awareness of research in the genetics of ophthalmic disorders, and to encourage them to pursue research career opportunities in these scientific fields. Awards are expected to be up to $300K annual direct costs for up to five years. This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.
3/21/2011  Agency Notice of Intent (required)
5/25/2011  Agency Deadline

**MARC Undergraduate Student Training in Academic Research (U-STAR) - Limited Submission**

National Institutes of Health, National Institute of General Medical Sciences (NIGMS)


**Contact:** Shawn Drew, 301/594-3900, DrewL@nigms.nih.gov

**Solicitation number:** PAR-10-119

This program supports undergraduate academic and research training to help ensure that a diverse and highly trained workforce is available to assume leadership roles related to the Nation’s biomedical and behavioral research agenda. The MARC U-STAR program provides support to honor students from underrepresented groups who are appointed for the last two years of their undergraduate education. The program is designed to permit an awarded institution to develop a curriculum of study and research training experiences necessary to provide high-quality academic and research training. The grant provides support for a variety of student development activities to both strengthen the science curricula for all students at the institution and provide research training experiences for MARC trainees. It also supports the cost of stipends, tuition, and fees, and health insurance for the appointed MARC trainees in accordance with the approved NIH support levels. Award sizes and durations will vary according to the proposed program. This is a limited submission opportunity. Please see [http://www.research.ucsb.edu/funding/LimitedSubmission.aspx](http://www.research.ucsb.edu/funding/LimitedSubmission.aspx) for campus procedures.

3/21/2011  Agency Letter of Intent
4/21/2011  Agency Deadline

**NIMHD Science Education Initiative (R25) - Limited Submission**

National Institutes of Health, National Institute on Minority Health and Health Disparities (NIMHD)


**Contact:** DeLoris Hunter, 301/402-1366, hunterd2@mail.nih.gov

**Solicitation number:** RFA-MD-11-004

This FOA encourages applications to support educational, mentoring, and/or career development programs for individuals from underrepresented or health disparity populations to facilitate the development of a nationwide cohort of scientists and a multidisciplinary national pool of health disparities investigators with necessary skills to conduct health disparities research in a diverse range of settings. This FOA also supports public education and outreach on health-related research projects to a variety of audiences are appropriate science education activities. An applicant's submission must focus on only one of the following research education program core areas: K-12 Science Education; National High School Summer; Mentoring and Career Development; Health Professions Research Capacity-Building; or Outreach and Information Dissemination. Direct costs are limited to $350K. This is a limited submission opportunity. Please see [http://www.research.ucsb.edu/funding/LimitedSubmission.aspx](http://www.research.ucsb.edu/funding/LimitedSubmission.aspx) for campus procedures.

3/22/2011  Agency Application

**Intellectual and Developmental Disabilities Research Centers 2011 (P30) - Limited Submission**

National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)


**Contact:** Melissa Parisi, 301/435-6880, parisima@mail.nih.gov

**Solicitation number:** RFA-HD-10-022

NICHD invites applications for Center Core Grants designed to advance the diagnosis, prevention, treatment, and amelioration of intellectual and developmental disabilities (IDD). The grants fund core resources to support interdisciplinary research and research training. Applications for P30 IDDRC grants must propose a program consisting of cores to be accessed by grants that propose research addressing at least five topics relevant to the research mission of IDD. The program should consist of at least 10 externally funded research projects that are (1) relevant to the mission of NICHD's IDD Center programs; (2) of a quality acceptable to NICHD; and (3) funded when the P30 award begins. A new application may request up to $750K in direct costs. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.
Exploring Human Induced Pluripotent Stem Cells for Substance Abuse Research (R21)
National Institutes of Health, National Institute on Drug Abuse (NIDA)
Contact: Da-Yu Wu, 301/435-4649, wudy@nida.nih.gov
Solicitation number: RFA-DA-11-012
This FOA solicits applications to develop and standardize methods to generate cell types, e.g. neuronal and glial cells relevant to substance abuse, from human iPS cells. Direct costs are limited to $275K over an R21 two-year period, with no more than $200K in direct costs allowed in any single year. Five to eight awards will be made.

Increasing Opportunities in Advanced Heart Failure and Palliative Care Research (R01)
National Institutes of Health, National Institute of Nursing Research (NINR)
Contact: Noreen Aziz, 301/594-2542, azizn@mail.nih.gov
Solicitation number: RFA-NR-11-006
The purpose of this research initiative is to examine the burden of illness imposed by advanced Heart Failure and the complex palliative care needs due to the multi factorial etiology and varying trajectories of disease in this population; study the medical, physical and psychosocial relationships between disease status, symptoms, psychological and functional conditions, spiritual concerns and QOL; and develop and test appropriate palliative and end-of-life care interventions for those with advanced HF and their caregivers. Application budgets are limited to $300K in direct costs per year, and are not to exceed four years.

Learning Disabilities Research Centers (P50)
National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)
Contact: Brett Miller, 301/496-9849, millerbre@mail.nih.gov
Solicitation number: RFA-HD-12-202
The Program will focus on generating new scientific knowledge to inform our understanding of learning disabilities and comorbid conditions. The request invites both foundational and translational, transdisciplinary research examining issues related to etiology, classification and definition of, and prevention and remediation of learning disabilities impacting listening, speaking, reading, writing, and mathematics with an emphasis on comorbid conditions. The P50 mechanism allows for richly integrative, multi-method approaches to examining research topics focusing on learning disabilities that are not feasible through standard research mechanisms. Applicants should propose inter-disciplinary, coordinated programs of research that demonstrate cohesion and synergy across research subprojects and cores. Direct costs of up to $1.2M may be requested for the initial year. Four to five awards with a maximum period of five years will be made.

Maximizing the Scientific Value of the NHLBI Biologic Specimen Repository - Scientific Opportunities (R21)
National Institutes of Health, National Heart, Lung, and Blood Institute (NHLBI)
http://grants.nih.gov/grants/guide/rfa-files/RFA-12-004.html
Contact: Elizabeth Wagner, 301/435-0065, wagnere@nhlbi.nih.gov
Solicitation number: RFA-HL-12-004
This FOA solicits applications that propose to conduct research in heart, lung, and blood diseases and blood resources using existing biospecimens stored in the NHLBI Biologic Specimen Repository (Biorepository). Awards will have budgets for direct costs of up to $75K per year for a maximum of $150K direct costs over the two-year period.
NIMHD Exploratory Centers of Excellence (P20) - Limited Submission

National Institutes of Health, National Institute on Minority Health and Health Disparities (NIMHD)


Contact: Derrick Tabor, 301/594-8950, tabord@mail.nih.gov

Solicitation number: RFA-MD-11-002

This FOA solicits grant applications that propose to establish an Exploratory NIMHD Center of Excellence (COE) to support infrastructure and capacity building, building and sustaining novel partnerships, research training, innovative basic biomedical and behavioral clinical, or population-based research and intervention and prevention studies contributing to either the improvement of minority health, the elimination of health disparities, or both. The program provides support to academic institutions for the conduct of research independently or in formal partnership with one or more institutional partners, research training opportunities to students, researchers and junior faculty from health disparity populations, engagement in health promotion, and health information dissemination activities through established partnerships with community based organizations. Budgets up to $950K direct costs per year and time periods up to five years may be requested. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

Behavioral and Social Science Research on Understanding and Reducing Health Disparities (R01)

National Institutes of Health, Cross-Institute


Contact: Ronald Abeles, 301/496-7859, abeles@nih.gov

Solicitation number: PAR-10-136

The purpose of this FOA is to encourage behavioral and social science research on the causes and solutions to health and disabilities disparities in the U.S. population. Emphasis is placed on research in public policy, health care, and disease/disability prevention. Particular attention is given to reducing health gaps among groups. Proposals that utilize an interdisciplinary approach, investigate multiple levels of analysis, incorporate a life-course perspective, and/or employ innovative methods such as system science or community-based participatory research are particularly encouraged. This FOA runs in parallel with a FOA of identical scientific scope, PAR-10-137, that encourages applications under the R21 mechanism.

Social Network Analysis and Health (R01)

National Institutes of Health


Contact: Rachel Mandal, 301/402-9416, MandalR@mail.nih.gov

Solicitation number: PAR-10-145

This FOA encourages research that aims to accomplish one or more specific goals: 1) generate new theories that would enhance the capabilities and value of Social Network Analysis (SNA); 2) address fundamental questions about social interactions and processes in social networks; 3) address fundamental questions about social networks in relation to health and health-related behaviors; 4) develop innovative methodologies and technologies to facilitate, improve, and expand the capabilities of SNA. This FOA will utilize the R01 grant mechanism and runs in parallel with a FOA of identical scientific scope, PAR-10-146, that encourages applications under the R21 grant mechanism.
Team-Based Design in Biomedical Engineering Education (R25) - Limited Submission

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-10-140

This program encourages applications that propose to establish new or to enhance existing team-based design courses in undergraduate Biomedical Engineering departments or programs. This FOA targets undergraduate students at the senior level but may also include junior undergraduates and first-year graduate students. Courses that address innovative and/or ground-breaking development, multidisciplinary/interdisciplinary training, and diversity recruitment are especially encouraged. Budgets for direct costs of up to $40K per year and project durations of up to five years may be requested. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

Combined Multipurpose Prevention Strategies for Sexual and Reproductive Health (R21 & R33)

National Institutes of Health, National Institute of Allergy and Infectious Diseases (NIAID)


Contact: Carolyn Deal, 301/402-0443, cdeal@niaid.nih.gov

Solicitation number: RFA-AI-11-016

This FOA invites research applications for projects focused on development of combined multipurpose prevention strategies for sexual and reproductive health. Support for the R21 phase cannot exceed two years and direct costs are limited to $275K over the R21 period, with a maximum of $200K in direct costs allowed in any single year. The R33 award phase is limited to $300K in direct costs per year and cannot exceed three years. The NIAID anticipates that a maximum of 50% of the funded R21 phase awards will progress to the R33 award.

Climate Change and Health - Assessing and Modeling Population Vulnerability to Climate Change (R21)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-10-235

This FOA encourages research applications to examine the differential risk factors of populations that lead to or are associated with increased vulnerability to exposures, diseases, and other adverse health outcomes related to climate change. Applications are anticipated to involve a multidisciplinary research team, including experts in health sciences and climatology as well as geography, modeling, statistics, demography, and social and behavioral sciences as appropriate. In addition, partnerships with community-based or advocacy organizations, public health officials, urban planners and others are encouraged. Direct costs are limited to $275K over a two-year period.

Centers of Excellence in Genomic Science (CEGS) (P50)

National Institutes of Health


Contact: Jeffery Schloss, 301/496-7531, jeff_schloss@nih.gov

Solicitation number: PAR-10-202

This program establishes academic Centers for advanced genome research. Each CEGS grant supports a multi-investigator, interdisciplinary team to develop innovative genomic approaches to address a particular biological problem. Applications to the CEGS program are required to submit a parallel application to the Initiative to Maximize Research Education in Genomics (R25) (PAR-09-245). Direct costs are limited to $2M per year, plus specialized equipment if required, not to exceed $500K over five years.
### Institutional Predoctoral Training Program in Systems Biology of Developmental Biology & Birth Defects (T32)

National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)


Contact: James Coulombe, 301/451-1390, CoulombeJ@mail.nih.gov

Solicitation number: PAR-10-193

The primary objective of the T32 program is to prepare qualified individuals for careers that have a significant impact on the health-related research needs of the Nation. This FOA encourages applications for predoctoral NRSA T32s to provide research training in systems biology of developmental biology and/or structural birth defects research. These grants may be for project periods up to five years in duration and are renewable.

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<td>4/25/2011</td>
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### Development of Outcome Measures to Determine Success of Hearing Health Care (R01)

National Institutes of Health, National Institute on Deafness and Other Communication Disorders (NIDCD)


Contact: Daniel Sklare, 301/496-1804, sklaredd@nidcd.nih.gov

Solicitation number: PAR-10-112

This FOA encourages applications from institutions that propose to develop and evaluate a set of outcome measures to determine the success of hearing health care for adults with hearing loss. There is a compelling need to identify the variables contributing to successful hearing health care outcomes, particularly the patient-centered and instrument-centered variables contributing to successful hearing aid use. The maximum project period is five years.

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### Education Research in Sleep Health and Sleep-Circadian Biology (R25)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-11-098

This FOA invites the submission of grant applications focused on scientific advances in sleep health and circadian and sleep biology. Proposed projects may include the development of innovative education tools, platforms, and programs that will transfer health information and scientific advances in sleep and circadian biology to research scientists, health care providers, educators from diverse disciplines, and to specific populations including youth, older adults, women, racial and ethnic minorities, and veterans. Projects should draw upon cutting-edge education, knowledge transfer, or social marketing models and must include analytic plans for the assessment of program efficacy and plans for adoption and sustained implementation in other settings. The maximum award period is four years.

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### Research on Malignancies in the Context of HIV AIDS (R01)

National Institutes of Health, National Cancer Institute (NCI), National Institute of Dental and Craniofacial Research (NIDCR)


Contact: Elizabeth Read-Connole, 301/496-6085, bconnole@mail.nih.gov

Solicitation number: PA-10-290

This FOA encourages proposals to continue advancing our understanding of the risks, development, progression, diagnosis, and treatment of malignancies observed in individuals with an underlying Human Immunodeficiency (HIV) infection or Acquired Immune Deficiency Syndrome (AIDS). The NCI and NIDCR seek to encourage research in areas such as the study of the etiologic factors, cofactors, immunopathogenesis, diagnosis, and consequences of both AIDS-defining and non-AIDS defining malignancies in diverse populations in the context of an underlying HIV infection.
5/7/2011    Application

**HIV Incidence Assays with Improved Specificity (R01)**
National Institutes of Health, National Institute of Allergy and Infectious Diseases (NIAID)
Contact: Michael Gilbreath, 301/451-2743, gilbreathmj@niaid.nih.gov
Solicitation number: PA-10-212
This FOA solicits grant applications that propose to develop improved HIV incidence assays with increased specificity and reliability for distinguishing incident from chronic HIV infections. A project duration of up to five years may be requested.

5/7/2011    Application
9/7/2011    Application

**Substance Use and Abuse, Risky Decision Making and HIV AIDS (R01)**
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
http://fellowships.ssrc.org/abe/detailed_app_criteria/
Contact: Varies with research interest
Solicitation number: PA-11-006
This FOA is intended to stimulate model-driven research to understand the ways that people make decisions about engaging in behaviors that impact the risk of acquiring or transmitting HIV, or to adhere to treatments for HIV. Applications are encouraged to study cognitive, motivational, or emotional mechanisms and/or brain neuroendocrine and reinforcement systems that are related to HIV-risk behaviors or treatment non-compliance. This FOA runs in parallel with FOAs of identical scientific scope, PA-11-007, that encourages applications under the R21 mechanism and PA-11-008 that encourages applications under the R03 mechanism.

5/7/2011    AIDS Application
9/7/2011    AIDS Application

**HIV Infection of the Central Nervous System (R01)**
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-11-014
This FOA invites research grant applications focused on defining the pathogenic mechanisms involved in Human Immunodeficiency Virus (HIV)-1 Associated Neurocognitive Disorders (HAND) and identifying therapeutic strategies to treat and prevent the neurobehavioral and neurological effects of HIV-1 on the central nervous system (CNS). Applications ranging from basic research to clinical diagnosis and treatment in domestic and international settings are of interest. Multidisciplinary research teams and collaborative alliances are encouraged but not required. The maximum project period is five years.

5/7/2011    AIDS Application

**Sickle Cell Disease - Inflammation, Thrombosis and Vascular Dysfunction, NHLBI (R01)**
National Institutes of Health, National Heart, Lung, and Blood Institute (NHLBI)
Contact: Andrei Kindzelski, 301/435-0070, kindzelskial@nhlbi.nih.gov
Solicitation number: PA-11-013
This FOA encourages applications that propose collaborative studies that comprise a team effort of Sickle Cell Disease (SCD) investigators and researchers from biochemical, biophysical, and immunological fields. Such studies are needed to identify new pathways and regulatory mechanisms that may be as important in the pathophysiology of SCD as red blood cell (RBC) sickling itself. The maximum project period is five years. Unamended new (Type 1) applications submitted in response to this PA will be considered for funding at 5 percentile points above the Institute's regular payline for unamended R01 applications.
Toward An Improved Understanding of HDL Function, NHLBI (R01)
National Institutes of Health, National Heart, Lung, and Blood Institute (NHLBI)
Contact: Lijuan Liu, 301/435-0550, lliu@mail.nih.gov
Solicitation number: PA-11-012
This FOA encourages grant applications that propose to develop, validate, and standardize assays to measure HDL function and biomarkers for HDL function and to identify novel genes, pathways, and potential HDL targets in the relationship to HDL function. Innovative methods to determine HDL functional properties such as in vivo reverse cholesterol transport (RCT), anti-oxidant, anti-inflammatory, and anti-thrombotic activities, and biomarkers for HDL function are encouraged. Projects that will explore HDL functional pathways, new genes and therapeutics related to HDL function are also encouraged. Unamended new (Type 1) applications submitted in response to this PA will be considered for funding at 5 percentile points above the Institute's regular payline for unamended R01 applications.

Getting from Genes to Function in Lung Disease, NHLBI (R01)
National Institutes of Health, National Heart, Lung, and Blood Institute (NHLBI)
Contact: Susan Schlegel, 301/435-0202, schleges@nhlbi.nih.gov
Solicitation number: PA-11-011
This FOA encourages Research Project Grant (R01) applications that propose to characterize the function of gene(s) and their associated variants identified by genome-wide association studies (GWAS) or other genetic approaches to be involved in lung diseases. Studies should use integrated approaches across scientific disciplines to determine the pathobiological function of these genes. Unamended new (Type 1) applications submitted in response to this PA will be considered for funding at 5 percentile points above the Institute’s regular payline for unamended R01 applications.

Chemical Approaches to Target Validation for Drug Resistant Pathogens (R01)
National Institutes of Health, National Institute of Allergy and Infectious Diseases (NIAID)
Contact: Christine Sizemore, 301/435-2857, cs390s@nih.gov
Solicitation number: RFA-AI-11-004
The purpose of this FOA is to solicit research focused on using chemical tools to either address scientific questions about microbial biological processes and host-pathogen interactions and/or determine the biological activity of host or pathogen proteins. Rather than focusing on identifying medicinal products, these teams will take a broader approach of analyzing biological targets that can serve as the basis for future chemical screens to identify drug candidates as well as contribute to functional annotation of gene products. Application budgets need to reflect the actual needs of the proposed project and are limited to $750K direct costs in any year of the award. 10 - 12 awards will be made. The maximum project period is five years.

NEI Genomic Research Grant on Integrative Data Analysis for Vision Research (R01)
National Institutes of Health, National Eye Institute (NEI)
Contact: Hemin Chin, 301/451-2020, hemin@nei.nih.gov
Solicitation number: RFA-EY-11-001
This FOA encourages the submission of applications proposing integrative and in-depth analyses of existing large-scale genetic and genomic data sets relevant to the NEI mission, as well as the development of novel bioinformatics approaches and innovative computational tools to interpret these data sets. Applicants are particularly encouraged to propose integrative analysis of existing large-scale, high-throughput data sets generated by utilizing advanced genomic technologies and combined analysis of multiple data sets obtained with other high dimensional technologies such as imaging, if feasible. This FOA will not support the collection of additional data; only existing data sets may be used. Applicants may request up to $250K annual direct costs for up to three years.
Technologies for Healthy Independent Living (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-11-020

This FOA encourages applications for research and development of technologies that monitor health or deliver care in a real-time, accessible, effective, and minimally obtrusive way. These systems are expected to integrate, process, analyze, communicate, and present data so that the individuals are engaged and empowered in their own healthcare with reduced burden to care providers. This FOA runs in parallel with PAR-11-020, which solicits applications under the R21 Exploratory/Developmental Grant.

Silvio O. Conte Centers for Basic or Translational Mental Health Research (P50)

National Institutes of Health, National Institute of Mental Health (NIMH)


Contact: Varies with research interest

Solicitation number: PAR-11-126

NIMH seeks teams of researchers working at different levels of analysis and employing integrative, novel, and creative experimental approaches to address high-risk, high-impact questions with the primary objective of: a) advancing the state of the science in brain and behavior research that provides the foundation for understanding mental disorders relevant to mental health; b) supporting the integration and translation of basic and clinical neuroscience research on severe mental illnesses; and/or c) advancing our understanding of the neurobehavioral developmental mechanisms and trajectories of psychopathology that begin in childhood and adolescence. This program is intended only for projects that could not be achieved using other, more standard grant mechanisms. Total costs are limited to $2M in any one year.

NIDDK Program Project Applications (P01)

National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)


Contact: Varies with research interest

Solicitation number: PAR-11-043

This FOA invites submission of investigator-initiated Program Project Applications. The proposed programs should address scientific areas relevant to the NIDDK mission including diabetes, endocrine and metabolic diseases, digestive diseases and nutrition, and kidney, urologic and hematologic diseases, as well as new approaches to prevent, treat and cure these diseases, including clinical research. Applications must have budgets greater than or equal to $500K in direct costs per year. New (Type 1) and renewal (Type 2) program project applications cannot request more than $6.25M in direct costs over the maximum project period, five years.
NIAID Resource Related Research Projects for AIDS, Allergy, Immunology and Transplantation (R24)

National Institutes of Health, National Institute of Allergy and Infectious Diseases (NIAID)

Contact: Varies with research interest
Solicitation number: PAR-11-056

This FOA invites submission of investigator-initiated Resource-Related Research Projects (R24) applications. These applications are limited to the research priorities of the Division of AIDS (DAIDS), and the Division of Allergy, Immunology and Transplantation (DAIT). The proposed resource must provide a significant benefit to currently funded high priority projects in need of further coordination and support in the areas specified. The proposed applications must address scientific areas relevant to the specific parts of the NIAID mission including the biology, pathogenesis, and host response to HIV; the mechanisms of normal immune function and immune dysfunction resulting in autoimmunity, immunodeficiency, allergy, asthma, and transplant rejection; and research to develop vaccines, therapeutics, and diagnostics to prevent and treat HIV, immune-mediated, and allergic diseases.

NIA Program Project Applications (P01)

National Institutes of Health, National Institute on Aging (NIA)

Contact: Robin Barr, 301/496-9322, BarrR@mail.nih.gov
Solicitation number: PAR-11-066

This FOA invites the submission of investigator-initiated program project (P01) applications relevant to the NIA mission. Each P01 submitted in response to this FOA must include at least three related research projects that share a common central theme, focus, and/or overall objective. The maximum project period is five years. The companion FOA is PAR-10-284, National Institute on Aging: Revision Requests for Active Program Projects (P01).

NIDDK Education Program Grants (R25)

National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Contact: Varies with research interest
Solicitation number: PAR-10-092

This FOA encourages Research Education (R25) proposals to attract undergraduate students, graduate students, and postdoctoral fellows to careers in areas of biomedical or behavioral research of particular interest to the NIDDK: diabetes and other endocrine and metabolic diseases; digestive and liver diseases; nutrition; obesity research and prevention; and kidney, urologic and hematologic disease. Up to $500K in direct costs over a five-year period may be requested.

Identification and Characterization of Molecular Targets Within the mTOR Pathway (R21)

National Institutes of Health, National Cancer Institute (NCI), National Institute on Aging (NIA)

Contact: Varies with research interest
Solicitation number: PA-10-164

This FOA encourages applications focused on: identifying novel targets within the mTOR (mammalian target of rapamycin) signaling network, the manipulation of which has the potential to promote healthy aging; and identifying and characterizing dietary constituents that modulate the mTOR pathway and promote cancer prevention. Identification and characterization of targets can utilize a wide range of approaches, including medicinal chemistry, in vitro assays, and studies in lower organisms or mammalian models. Direct costs are limited to $275K over a two-year period, with no more than $200K allowed per year.
**National Cancer Institute (NCI) Cancer Education and Career Development Program (R25)**

National Institutes of Health, National Cancer Institute (NCI)


Contact: Dorkina Myrick, 301/496-8580, myrickd@mail.nih.gov

Solicitation number: PAR-10-165

This FOA represents the continuation of the Cancer Education and Career Development Program (CECDP) established by the NCI. The purpose of the CECDP is to support the development and implementation of institutional curriculum dependent predoctoral or postdoctoral programs in the areas of cancer prevention and control, behavioral and population sciences research, nutrition, epidemiology, and/or biostatistics. Total direct costs may not exceed $100K annually. The maximum project period for an award is five years.

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**NIAID Science Education Awards (R25)**

National Institutes of Health, National Institute of Allergy and Infectious Diseases (NIAID)


Contact: Diane Adger-Johnson, 301/402-8969, da15a@nih.gov

Solicitation number: PAR-11-086

This FOA encourages applications that focus on the development of science education for K-12 students. It is expected that these education programs will provide outreach to a large audience of students at a national level, directly or through their teachers, using approaches where successes can be measured. Although the size of award may vary with the scope of the research education program application, the total direct costs are limited to $175K annually. The maximum project period is five years.

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**NHLBI Investigator-Initiated Resource-Related Research Projects (R24)**

National Institutes of Health, National Heart, Lung, and Blood Institute (NHLBI)


Contact: Varies with research interest

Solicitation number: PAR-11-090

This FOA invites Resource-Related Research Project applications (R24) to support projects that will enhance the capabilities of ongoing basic, translational, and clinical research through the development of resources or infrastructure for use by the broader scientific community for furthering research. Only applications with budgets greater than $500K direct costs in at least one budgeted year will be considered for funding. The maximum project period is five years.

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**National Institute of Biomedical Imaging and Bioengineering Program Project (P01) Applications**

National Institutes of Health, National Institute of Biomedical Imaging and Bioengineering (NIBIB)


Contact: Varies with research interest

Solicitation number: PAR-10-223

This FOA encourages applications in the broad areas of biomedical imaging and bioengineering enabled by relevant areas of the physical sciences, engineering, computer sciences, information science, and the medical and life sciences. P01 grants are to support broad-based multidisciplinary research programs, which have a well-defined major objective or central theme, but which are addressing a range of imaging or bioengineering questions. The expected direct cost for program project awards is $1.2-1.4M per year for most studies within the scope of this FOA. A maximum project duration of five years may be requested.
5/25/2011 Application

Science Education Drug Abuse Partnership Award (R25)
National Institutes of Health, National Institute on Drug Abuse (NIDA)
Contact: Cathrine Sasek, 301/443-6071, csasek@nih.gov
Solicitation number: PAR-10-227
This FOA encourages Science Education (R25) grant applications to fund the development and evaluation of innovative model programs and materials for enhancing knowledge and understanding of neuroscience and the neurobiological mechanisms of drug abuse and addiction among K-12 students, the general public, health care practitioners, museums, media experts, and other educational groups. The award provides support for the formation of partnerships between scientists and educators, media experts, community leaders, and other interested organizations. The intended focus is on topics not well addressed in existing efforts by educational, community, or media activities. Direct costs are limited to $250K per year for a maximum project period of four years.

National Science Foundation (NSF)

Ongoing
Grant Opportunities for Academic Liaison with Industry (GOALI)
National Science Foundation
Contact: Varies with research interest
Solicitation number: NSF 10-580
GOALI promotes university-industry partnerships by making project funds or fellowships/traineeships available to support an eclectic mix of industry-university linkages. Special interest is focused on affording the opportunity for: Faculty, postdoctoral fellows, and students to conduct research and gain experience in an industrial setting; Industrial scientists and engineers to bring industry’s perspective and integrative skills to academe; and Interdisciplinary university-industry teams to conduct research projects. Each directorate handles GOALI requests differently. Proposers must contact a specific program director in the disciplinary area of the proposed research for guidance on proposal submission.

Ongoing
NSF-FDA Scholar-in-Residence at FDA
National Science Foundation
Contact: Leon Esterowitz, 703/292-7942, lesterow@nsf.gov
Solicitation number: NSF 10-533
This program comprises an interagency partnership for the investigation of scientific and engineering issues concerning emerging trends in medical device technology. This partnership is designed to enable investigators in science, engineering, and mathematics to develop research collaborations within the intramural research environment at the FDA. This solicitation features four flexible mechanisms for support of research at the FDA: 1) Faculty at FDA; 2) Graduate Student Fellowships; 3) Postdoctoral Fellowships; and 4) Undergraduate Student Research Experiences. Approximately three to ten awards will be given, with an estimated program budget of $500K.

3/9/2011 Full Proposal
George E Brown Jr Network for Earthquake Engineering Simulation Research (NEESR)
National Science Foundation, Engineering (ENG)
Contact: Joy Pauschke, 703/292-7024, jpauschk@nsf.gov
Solicitation number: NSF 11-512
The NSF invites proposals for research that uses the George E. Brown, Jr. Network for Earthquake Engineering Simulation (NEES) to advance knowledge, discovery, and innovation for (1) earthquake and tsunami loss reduction of our nation’s civil infrastructure, and (2) new experimental simulation techniques and instrumentation for NEES. Projects proposed and supported under this solicitation must require significant use of one or more of the NEES equipment sites listed at http://www.nees.org and the related cyberinfrastructure and/or require significant reuse of data curated and archived in the NEES Project Warehouse at http://nees.org/warehouse. Support will range from $50K to $600K per year, for up to four years.
Three after must Research institutional, competitions, include projects, education studies content; related NSF submitting 3/17/2011 Full National Science Foundation, Education and Human Resources (EHR)
Contact: 703/292-8628, DRLTEST@nsf.gov
Solicitation number: NSF 11-525

ITEST supports the development, implementation, testing, and scale-up of implementation models. It also supports research studies to address questions that point to solutions for building a strong, competent STEM workforce. ITEST projects must include students and may include teachers. The target audience is kindergarten through high school age, and projects may focus on any content area related to the STEM workforce. ITEST is placing emphasis on proposals to design and implement robotics competitions, and to study their effectiveness as a means of engaging students in learning STEM content and 21st Century skills. Three types of projects are invited: Scale-up projects implement and test models that prepare students for the STEM and information and communications technology (ICT) workforce of the future in a large-scale setting, such as at state or national level; Strategies projects are targeted at students and/or teachers and design, implement, and evaluate models for classroom, after-school, summer, virtual, and/or year-round learning experiences; and Research projects enrich the understanding of issues related to growing the STEM workforce.

3/14/2011 Agency Full Proposal

Ethics Education in Science and Engineering (EESE) - Limited Submission

National Science Foundation
Contact: Varies with research interest
Solicitation number: NSF 11-514

The Ethics Education in Science and Engineering (EESE) program funds research and educational projects that improve ethics education in all fields of science and engineering that NSF supports, with priority consideration given to interdisciplinary, inter-institutional, and international contexts. Although the primary focus is on improving ethics education for graduate students in NSF-funded fields, the proposed programs may benefit advanced undergraduates as well. EESE invites proposals for research projects, education projects, and combinations of the two. The maximum award amount is $300K for 36 months. The Office of Research has not received any campus notice of intent. Please contact funding@research.ucsb.edu if you are interested in submitting to this program.

3/17/2011 Full Proposal

Petascale Computing Resource Allocations (PRAC)

National Science Foundation, Office of Cyberinfrastructure
Contact: Irene Qualters, 703/292-2339, iqualter@nsf.gov
Solicitation number: NSF 08-529

The purpose of this solicitation is to invite research groups that have a compelling science or engineering challenge that will require petascale computing resources to submit requests for allocations of resources on the Blue Waters system. Proposers must be prepared to demonstrate that they have a science or engineering research problem that requires and can effectively exploit the petascale computing capabilities offered by Blue Waters. Proposals from or including junior researchers are encouraged as one of the goals of this solicitation is to build a community capable of using petascale computing.
Cyber-Physical Systems (CPS)

National Science Foundation, Computer and Information Sciences and Engineering (CISE), Engineering (ENG)


Contact: Varies with research interest

Solicitation number: NSF 11-516

The CPS program seeks to establish bold new scientific foundations and engineering principles to conceptualize, design, analyze, implement, and certify cyber-physical systems. Two sizes of research and education proposals will be accepted. Medium Projects may span one or more CPS themes and must include two or more PIs and a research team of students and/or postdocs. Funding for Medium Projects will be provided at levels ranging from $300K to $500K per year for up to four years. Large Projects are multi-investigator and multi-university projects involving teams of researchers and their students and/or postdocs representing the multiple disciplines in computer science, engineering, and physical application domains, who together address a coherent set of research issues that either cut across multiple CPS themes or that explore in great depth a particular theme. Funding for Large Projects will be up to $1M per year for up to five years.

Research on Gender in Science and Engineering (GSE)

National Science Foundation, Education and Human Resources (EHR)


Contact: Jolene Jesse, 703/292-7303, jjesse@nsf.gov

Solicitation number: NSF 10-516

The GSE program supports efforts to understand and address gender-based differences in science, technology, engineering, and mathematics education and workforce participation through research projects. Behavioral, cognitive, affective, learning, and social differences may be investigated using methods of sociology, psychology, anthropology, economics, statistics, and other social and behavioral science and education disciplines. Research projects investigate gender-based factors that impact learning and choice in STEM education and the workforce; or study societal, formal and informal educational systems' interaction with individuals that encourage or discourage interest and persistence in study or careers in certain STEM fields along gender lines. Diffusion of Research-Based Innovation projects provide a mechanism for engaging a wider audience of practitioners with research findings and strategies for changing educational practice relative to gender issues. There are three types of Diffusion awards: Pilot, Scale Up, and Dissemination. Extension Services create a cadre of extension service agents through training and consulting services to inform educators and other practitioners about and enable them to adopt and embed proven gender-inclusive policies and practices.

Robert Noyce Teacher Scholarship Program

National Science Foundation, Education and Human Resources (EHR)


Contact: Joan Prival, 703/292-4635, jprival@nsf.gov

Solicitation number: NSF 11-517

This program seeks to encourage talented science, technology, engineering, and mathematics majors and professionals to become K-12 mathematics and science teachers. The Noyce Scholarship Track provides funds to institutions of higher education to support scholarships, stipends, and academic programs for undergraduate STEM majors and post-baccalaureate students holding STEM degrees who earn a teaching credential and commit to teaching in high-need K-12 school districts. The NSF Teaching Fellowship/Master Teaching Fellowship Track supports STEM professionals who enroll as NSF Teaching Fellows in master's degree programs leading to teacher certification by providing academic courses, professional development, and salary supplements while they are fulfilling a four-year teaching commitment in a high need school district.
Dimensions of Biodiversity

National Science Foundation, Cross-Directorate

Contact: Dimensions@nsf.gov

Solicitation number: NSF 11-518

This campaign seeks to characterize biodiversity on Earth by using integrative, innovative approaches to fill the most substantial gaps in our understanding of the diversity of life on Earth. It will take a broad view of biodiversity, and in its initial phase will focus on the integration of genetic, taxonomic, and functional dimensions of biodiversity. Successful proposals should integrate these three dimensions to understand interactions and feedbacks among them. While this focus complements several core NSF programs, it differs by requiring that multiple dimensions of biodiversity be addressed simultaneously, in innovative or novel ways, to understand their synergistic roles in critical ecological and evolutionary processes. Research awards will be up to five years duration and up to a total of $2M for individual or collaborative projects.

US-China Collaborative Research in Advanced Sensors and Bio-inspired Technology (ASBIT) Opportunity

National Science Foundation, Engineering (ENG)

Contact: Varies with research interest

Solicitation number: NSF 11-024

The NSF and the National Natural Science Foundation of China (NSFC) jointly seek to enhance opportunities for collaborative activity between US and Chinese investigators and intend to jointly support transformative, cross-disciplinary, collaborative research on Advanced Sensors and Bio-Inspired Technologies (ASBIT). For the support of the US portion of the collaborative research, requests for supplemental funding to existing NSF grants will be accepted by the Civil, Mechanical and Manufacturing Innovation and/or Chemical, Bioengineering, Environmental, and Transport Systems Divisions of NSF's Directorate for Engineering.

Research Initiation Grants in Engineering Education (RIGEE)

National Science Foundation, Engineering (ENG)

Contact: Susan Kemnitzer, 703/292-5347, skemnitz@nsf.gov

Solicitation number: NSF 11-507

This program enables engineering faculty who are renowned for teaching, mentoring, or leading educational reform efforts on their campus to initiate collaborations with colleagues in the learning and cognitive sciences to address difficult, boundary-spanning problems in how we educate engineers. It is expected that 20 awards of approximately $150K will be made.

Continental Dynamics (CD)

National Science Foundation, Geosciences (GEO)

Contact: Leonard Johnson, 703/292-8559, lejohnso@nsf.gov

Solicitation number: NSF 04-512

The Division of Earth Sciences (EAR) will consider proposals for multidisciplinary research that focuses on an improved understanding of the processes governing the origin, structure, composition, and dynamical evolution of the continents and continental building blocks. The program is particularly oriented toward projects whose scope and complexity require a cooperative or multi-institutional approach and multi-year planning and execution. The intent of the program is to fund only relatively large projects that do not fit easily within other Earth Sciences programs and that have broad support of major sections of the Earth Science community.
**4/4/2011 Full Proposal**

**Macrosystems Biology**
National Science Foundation, Biological Sciences (BIO)
Contact: Varies with research interest
Solicitation number: NSF 10-555

The Macrosystems Biology: Research on Biological Systems at Regional to Continental Scales will support quantitative, interdisciplinary, systems-oriented research on biosphere processes and their complex interactions with climate, land use, and invasive species at regional to continental scales as well as planning and development activities to enable groups to conduct Macrosystems Biology Research. Two categories of awards will be made. Category 1 Awards: Exploratory or incubation grants to develop teams, explore a high risk idea, strategy, or innovative approach, hold workshops and develop plans to establish regional to continental scale networks of partners. These awards will be 1 to 2 years in duration. Category 2 Awards: Larger and longer grants to support full-fledged Macrosystems Biology Research or Modeling studies. These awards may be up to 5 years in duration.

**4/13/2011 Full Proposal**

**Advancing Theory in Biology (ATB)**
National Science Foundation, Biological Sciences (BIO)
Contact: Varies with research interest
Solicitation number: NSF 11-523

This solicitation supports the development of new theoretical approaches that will improve our understanding of general biological principles that account for phenomena that occur independently across levels of biological organization. Awards will not exceed a total of $750K over a three-year period. This total includes all participants in collaborative projects.

**4/15/2011 Full Proposal**

**Integrative Paleoanthropology Grants (IPG)**
National Science Foundation
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503614
Contact: Kaye Reed, 703/292-7850, kreed@nsf.gov

Solicitation number:

The goal of the competition is to further innovative, integrative research to elucidate the principles which underlie hominin biological and behavioral evolution over deep time. The competition is intended to stimulate integrative research which crosses normal disciplinary and intellectual boundaries in original ways and this aspect is a central criterion and requirement of the competition. It is anticipated that a single award for up to $1M for up to five years in duration will be made.

**4/20/2011 Agency Full Proposal**

**Nanotechnology Undergraduate Education (NUE) in Engineering - Limited Submission**
National Science Foundation
Contact: Varies with research interest
Solicitation number: NSF 11-524

This solicitation aims at introducing nanoscale science, engineering, and technology through a variety of interdisciplinary approaches into undergraduate engineering education. The focus of this year’s competition is on nanoscale engineering education with relevance to devices and systems and/or on the societal, ethical, economic and/or environmental issues relevant to nanotechnology. The lead PI must hold a faculty appointment within a College/Department of Engineering. Each award will be up to a maximum of $200,000 for two years. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.
4/27/2011   Type I and II Proposal Deadline
7/28/2011   Planning Proposal Deadline

**Computing Education for the 21st Century (CE21)**
National Science Foundation, Cross-Directorate
Contact: Varies with research interest
Solicitation number: NSF 10-619
This program aims to build a computationally savvy 21st century workforce that positions the US to demonstrate a leadership role in the global economy. All CE21 projects are expected to contribute to the creation of a rich research base that informs our understanding of effective teaching and learning in computing, as well as to draw on partnerships among the computing and teaching and learning communities, institutions of learning, and other stakeholders. CE21 will fund three types of proposals. Type I proposals will contribute to the research base on the effective teaching and learning of computing, draw on partnerships of informed and committed stakeholders, and create and study the effectiveness of new instructional materials and interventions and/or strategies to develop K-14 teaching expertise. Type II proposals will contribute to the research base on the effective teaching and learning of computing, draw on partnerships of informed and committed stakeholders, and create and study the effectiveness of new instructional materials and interventions and strategies to develop K-14 teaching expertise. Type II proposals demonstrate implementations at scale, where the interventions to be taken to scale have already proven effective in smaller-scale efficacy studies. Planning proposals support the establishment of new partnerships and collaborations necessary to develop Type I or Type II proposals.

4/29/2011   Full Proposal

**Fostering Interdisciplinary Research on Education (FIRE)**
National Science Foundation, Education and Human Resources (EHR)
Contact: Varies with research interest
Solicitation number: NSF 11-526
The FIRE program seeks to facilitate the process by which scholars can cross disciplinary boundaries to acquire the skills and knowledge that would improve their abilities to conduct rigorous research on STEM learning and education. Investigators must pair with a mentoring scholar in a to-be-learned field of interest. Awards are open to investigators who have received a doctoral degree in a disciplinary STEM field outside of education proper and wish to pursue research in learning and education, or who have received a doctoral degree from an educational research program and wish to complement their expertise with training in a disciplinary STEM field outside of education. Investigators may receive a FIRE award at any point in their post-graduate careers. The maximum award for FIRE projects is $400K, with duration of up to two years.

5/10/2011   Full Proposal

**Coupling, Energetics, and Dynamics of Atmospheric Regions (CEDAR)**
National Science Foundation, Geosciences (GEO)
Contact: Robert Robinson, 703/292-8529, rmrobins@nsf.gov
Solicitation number: NSF 06-561
CEDAR is a broad-based, community-initiated, upper atmospheric research program. The goal is to understand the behavior of atmospheric regions from the middle atmosphere upward through the thermosphere and ionosphere into the exosphere in terms of coupling, energetics, chemistry, and dynamics on regional and global scales. Normally, CEDAR awards are made for a duration of three years, but proposers may request from one to five years of funding. The maximum award size will be about $150K per year.
suitable years; already models Projects NRC. 5/11/2011 Full homes, 7/14/2011 INDP Nuclear 4/29/2011 Full Private/Nonprofit Agencies Contact: Bruce McClure, 703/292-8420, metabolomics@nsf.gov Solicitation number: NSF 11-527 The goal of this program is to advance novel biological knowledge in metabolomics in the areas of energy and the environment, and to foster greater collaborative interactions between Japanese and U.S. scientists in these priority areas. The focus will be on plants, microbes, and algae and eligible research areas will include but will not be limited to: Capture of all major metabolites; Development of standards and annotation of unknown metabolites; Identification of specialized metabolites of potential value. It is estimated that four awards will be made and the maximum project period will be three years.

5/14/2011 INDPE Projects Letter of Intent (required) 7/14/2011 INDPE Projects Full Proposal Cyberlearning Transforming Education
National Science Foundation, Cross-Directorate
Contact: Varies with research interest Solicitation number: NSF 10-620 Cyberlearning awards will be made in three categories: Exploration Projects (EXP projects) explore the proof-of-concept or feasibility of a novel or innovative technology or use of such technology to promote learning; Design and Implementation Projects (DIP projects) will conduct research in the everyday environments in which people spend their lives, e.g., schools, homes, museums, parks, and the workplace; and Integration and Deployment Projects (INDP) will build on research that has already shown promise for promoting learning. The respective maximum funding amounts are $550K total for two to three years; $1.35M for four to five years; and up to $2.5M for up to five years.

Nuclear Regulatory Commission (NRC)

4/29/2011 Full Proposal 6/30/2011 Full Proposal Research Conference Grant and Cooperative Agreement Program
National Regulatory Commission
Contact: Robin Barnes, 301/251-7401, Robin.Barnes@nrc.gov Solicitation number: CGR-FN-0110-RES NRC will consider applications that support high quality conferences or scientific meetings that are relevant to the mission of the NRC. A conference or scientific meeting is defined as an open gathering, symposium, seminar, workshop or any other organized, formal meeting where persons assemble to coordinate, exchange, and disseminate information or explore or clarify a defined subject, problem, or area of knowledge. Award amounts in prior years ranged from $5K to $120K.
**National Geographic Society Waitt Grants**

Grants are made for exploratory fieldwork that holds promise for new breakthroughs in the natural and social sciences. Applications are processed as they are received and awarded quickly to allow researchers to take advantage of immediate opportunities. About 100 grants of $5K to $15K are awarded annually.

**Committee for Research and Exploration Grant**

The National Geographic Society awards grants for scientific field research and exploration with both a geographical dimension and relevance to other scientific fields. Applications are generally limited to the following disciplines: anthropology, archaeology, astronomy, biology, botany, geography, geology, oceanography, paleontology, and zoology. The committee is emphasizing multidisciplinary projects that address environmental issues. Most grant amounts range from $15K to $20K and are given for one year’s research. Approximately 250 grants are awarded per year.

**FSSS Grants-in-Aid Program**

This program provides up to $1K per grant to support scientific sexuality research in areas not likely to receive support from other sources. The money may be used for either a small project that can be completed with the help of the grant or as part of a larger study that might ultimately be funded from other sources. The competition is open to all professionals conducting research on human sexuality. Proposals involving uniquely timely research opportunities, new investigators, volunteer research teams, and actual, not pilot, projects are especially encouraged.

**Pardee Foundation Grants**

The Foundation funds research directed toward identifying new treatments or cures for cancer. The Foundation particularly encourages grant applications for a one-year period which will allow establishment of capabilities of new cancer researchers, or new cancer approaches by established cancer researchers. Project relevance to cancer detection, treatment, or cure should be clearly identified.
Ongoing

**Waitt Foundation Grants**

Waitt Foundation

http://waittfoundation.org/grant-guidelines

Contact: 858/551-4400

Solicitation number:

The Waitt Foundation supports research with the potential for widespread benefit to humanity. Areas of interest are: Ocean Conservation; Scientific Innovation; Exploration and Discovery; and Community Building. In each of these areas, the Foundation looks for strategies to create tangible, measurable benefits. Of interest are proposals that test new approaches to problem-solving, as well as projects that have been successfully tested and are ready to go full scale. If a preliminary grant request falls within the current giving guidelines and initiatives, an invitation may be extended to submit a full grant proposal.

3/9/2011 Full Proposal

**AERA Research Grants**

American Educational Research Association (AERA)

http://www.aera.net/grantsprogram/res_training/res_grants/RGFly.html

Contact: grantsprogram@aera.net

Solicitation number:

AERA invites education-related research proposals using NCES, NSF, and other federal data bases. Applications are encouraged from a variety of disciplines, such as but not limited to, education, sociology, economics, psychology, demography, statistics, and psychometrics. Applicants are encouraged to submit proposals that: develop or benefit from new quantitative measures or methodological approaches for addressing education issues; include interdisciplinary teams with subject matter expertise, especially when studying science, technology, engineering and mathematics (STEM) learning; analyze TIMSS, PISA, or other international data resources; and include the integration and analysis of more than one data set. Awards are up to $20K for one-year projects, or up to $35K for two-year projects.

3/10/2011 Full Proposal/Concept Paper (Round 6 & New Connections)

8/2/2011 Concept Paper (Rapid-Response grants)

**Healthy Eating Research**

Robert Wood Johnson Foundation


Contact: Varies with research interest

Solicitation number:

This call for proposals is for three types of awards aimed at providing key decision- and policy-makers with evidence to reverse the childhood obesity epidemic. The three award types are: Round 6 grants, rapid-response grants, and RWJF New Connections grants. Round 6 grants will award up to $170K for a 12- to 24-month funding period. Rapid-Response Grants support time-sensitive and opportunistic studies on emerging or anticipated changes in food-related policies or environments that can be conducted only during a short window of opportunity and are needed to inform policy debates for local, state, or national action. The maximum award amount is $150K for up to 18 months. New Connections Grants are for new investigators who are from a group that has been historically disadvantaged or underrepresented in research disciplines supported by this Foundation. The maximum award amount is $75K for 12 to 24 months.
3/11/2011  Full Proposals (invitation only)
5/6/2011  Letter of Intent (required)
7/5/2011  Full Proposals (invitation only)

**Avon Breast Cancer Research Program**

Avon Foundation for Women


Contact: Marc Hurlbert, 212/282-5560, marc.hurlbert@avonfoundation.org

Solicitation number:

The Avon Foundation for Women continues to seek new preventive strategies to address the growing number of breast cancer cases around the globe. To develop new strategies to prevent breast cancer we need to understand the causes of breast cancer in women, changes in breast cells that give rise to cancer, markers for disease, and how breast cancer progresses. The 2011 Avon Foundation Research Program seeks proposals in these areas to advance understanding of causes of breast cancer and prevention. Proposals may request up to $150K total costs per year, for up to two years in duration. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

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5/13/2011  Application

**Documentary Photography Audience Engagement Grant**

Open Society Foundations


Contact: Yukiko Yamagata, 1-212-548-0369, yyamagata@sorosny.org

Solicitation number:

This grant supports photographers to take an existing body of work on a social justice or human rights issue and devise an innovative way of using that work as a catalyst for social change. The foundation is interested in well-designed projects that inspire audiences visually and create meaningful interactions with photographic content. Projects should combine existing bodies of work with programming or tools that give viewers a deeper, more nuanced understanding of issues and empower them to participate in the process of improving their own or others’ realities. Projects should also include a partnership between a photographer and an organization that combines expertise in documentary photography with experience working on the topic or community the project addresses. Five to eight grants of $5K to $30K will be awarded.

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3/15/2011  Application

**McDonnell Research Awards**

James S. McDonnell Foundation

[http://www.jsmf.org/apply/research/index.htm](http://www.jsmf.org/apply/research/index.htm)

Contact: 314/721-1532

Solicitation number:

Research Awards are designed to support research projects related to Studying Complex Systems or Brain Cancer Research. Projects submitted for funding consideration should be at an early, even preliminary stage of development, and should be intended to break new ground or to revisit commonly-held assumptions. Projects submitted should be sufficiently cross-disciplinary or heterodox to have a strong likelihood of influencing the development of new ways of thinking about important problems. A maximum of $450K total costs can be requested and the funds can be expended over three to six years. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
3/15/2011  Letter of Intent
8/15/2011  Letter of Intent

**EFG Grants**

Elizabeth Firestone Graham Foundation

http://efgfoundation.com/applicationguidelines.html

Contact:  505/898-5600 ext. 24, info@EFGFoundation.com

Solicitation number:

Funding is currently available to support direct costs for catalogues and other publications accompanying contemporary art exhibitions and projects, especially those supporting emerging and under-recognized artists and produced by smaller organizations outside the nation’s cultural centers. Requests for projects that take place within one year of the request will be given priority consideration. Grant amounts typically range from $5K to $20K. Proposals for funding are reviewed semi-annually, in the Spring and Fall. Letters of inquiry are required before submission of a full proposal.

3/17/2011  Full Proposal

**Marie Curie International Research Staff Exchange Scheme**

European Commission


Contact:  Varies with research interest

Solicitation number:  FP7-PEOPLE-2011-IRSES

The Marie Curie International Research Staff Exchange Scheme aims at strengthening research partnerships through short period staff exchanges and networking activities between European research organisations and other countries. A partnership in this action shall be composed of at least two independent partners established in at least two different EU Member States or Associated countries, and one or more research organisation(s) located either in countries with which the EU has an S&T Agreement or in other third countries covered by the European Neighbourhood Policy. All domains of research and technological development addressed under the EU Treaty are eligible for funding. A staff exchange programme can apply for Union support for a period of 24-48 months.

3/18/2011  Agency Deadline

**Commissioning Music USA - Limited Submission**

Meet the Composer

http://www.meetthecomposer.org/commissioning-music-usa

Contact:  Scott Winship, 212/645-6949 ext. 102, swinship@meetthecomposer.org

Solicitation number:

Commissioning Music/USA supports not-for-profit performing and presenting organizations or soloists that wish to commission a new work in any style or genre. The 2011 round will commission works intended to be performed in a concert setting. The award offers between $10K and $20K in support of the composer’s commissioning fee and copying expenses. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

3/18/2011  Proposal

**Doctoral New Investigator (DNI) Grants**

American Chemical Society

http://portal.acs.org/portal/PublicWebSite/funding/grants/prf/programs/dni/index.htm

Contact:  Varies with research interest

Solicitation number:

These grants provide start-up funding for scientists and engineers who are within the first three years of their first academic appointment at the level of Assistant Professor or the equivalent. Applicants may have limited or no preliminary results for a research project they wish to pursue, with the intention of using the preliminary results obtained to seek continuation funding from other agencies. The DNI grants are to be used to illustrate proof of principle or concept, to test a hypothesis, or to demonstrate feasibility of an approach. The award amount is $100K over two years.
CASVA Visiting Senior Fellowship Program
The Center for Advanced Study in the Visual Arts
http://www.nga.gov/casva/casvavissen.htm
Contact: 202/842-6482
Solicitation number:
Fellowships are for full-time research in the history, theory, and criticism of the visual arts of any geographical area and of any period. Applications are also solicited from scholars in other disciplines whose work examines artifacts or has implications for the analysis, interpretation, and criticism of visual form. Visiting senior fellowships are intended for those who have held the PhD for five years or more. The Center awards up to 12 two-month fellowships ranging from $6K to $8K, depending on relocation requirements.

Public Welfare Grants
Public Welfare Foundation
http://www.publicwelfare.org/ApplyGrant/Guidelines.aspx
Contact: 202/965-1800, info@publicwelfare.org
Solicitation number:
The Foundation supports efforts to ensure fundamental rights and opportunities for people in need. The three program areas are: Criminal and Juvenile Justice, which seeks out grantees with strategies to lower rates of incarceration and decrease prison populations; Health Reform, which seeks to ensure that the voice of the consumer is heard on health reform; and Workers’ Rights, which supports organizations that are trying to improve the lives of working people.

IRSF Translational Research Program
International Rett Syndrome Foundation
http://www.rettssyndrome.org/research/for-scientists/grant-opportunities.html
Contact: 1-800-818-7388
Solicitation number:
HeART & ANGEL grant awards are provided for early and late stage translational research efforts to treat and reverse RTT. The HeART Award (Help Accelerate Rett Therapeutics) provides seed funding for early stage drug discovery and development efforts and offers $50K for a maximum of one year. The ANGEL Award (Advanced Neurotherapeutic Grants of Excellence) provides funding for the later stages of translational research and offers $300K per year for up to two years. ANGEL applications may be proposed on a rolling basis year round and proposals must be comprised of very specific programs focused on pre-clinical drug discovery and development or clinical testing of therapeutic candidates.

Brady Education Foundation Grants
Brady Education Foundation
http://www.bradyeducationfoundation.org/applicationguidelines.html
Contact: info@bradyeducationfoundation.org
Solicitation number:
The Foundation funds two types of education projects: 1) evaluations of existing model programs and 2) innovative research on model development, including both efficacy and effectiveness studies. The Foundation favors projects that bring researchers and service providers together to prove and improve the effectiveness of early care and education environments for at-risk children, projects that leverage other funds, projects with the potential to inform or guide policy or funding decisions, and projects that structure time for researchers/evaluators and program providers to collaborate. There is a two-stage application process, and the stage 2 application is by invitation only. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
3/31/2011    Letter of Intent (required)

**HFSP Research Grants**
Human Frontier Science Program (HFSP)
http://www hfsp.org/how/appl_forms_RG.php
Contact: grant@hfsp.org

Solicitation number:
This program supports innovative basic research into fundamental biological problems with emphasis placed on novel and interdisciplinary approaches that involve scientific exchanges across national and disciplinary boundaries. Projects must be innovative interdisciplinary approach, and international. Two kinds of research grants are available for award in 2012, the Young Investigators’ Grants and Program Grants. All members of a Young Investigators’ grant team must be within five years of obtaining an independent position and must have obtained their PhD not longer than 10 years before the deadline. For both grants, teams will receive up to $450K per year for three years.

3/31/2011    Proposal

**International Teams in Space Science (including Geosciences)**
International Space Science Institute
Contact: Maurizio Falanga, +41 31 631 4893

Solicitation number:
This Call invites proposals for study projects from International Teams. Teams are one of the ISSI tools through which relatively small groups of scientists involved in Space Research can work together in an efficient and flexible format of several subsequent meetings, during which data are analysed and compared with theories and models. This call is open to scientists of any nationality, and active in research in: 1) Space Sciences (Solar and Heliospheric Physics, Solar-Terrestrial Sciences, Space Plasma and Magnetospheric Physics, Planetary Sciences, Astrobiology, Cosmology, Astrophysics, and Fundamental Physics in Space) and 2) Earth sciences using space data.

3/31/2011    Letter of Inquiry (required)

**Grand Challenges in Global Health: Biomarkers**
Bill & Melinda Gates Foundation
Contact: grandchallenges@gatesfoundation.org

Solicitation number:
The goal of this program is to test biomarkers to enable characterization and validation of markers for diagnosing tuberculosis (TB). Projects that will be considered for funding will investigate specific biomarkers for which there exists a preliminary base of evidence, but for which additional data is required to determine utility for diagnosis. For the purposes of this program, the foundation will only consider the investigation of biomarkers for which there is a clear hypothesis that measurement or detection of the specific biomarker is linked to the presence of TB; we will not consider unbiased biomarker discovery efforts. Proposals for Phase 1 funding are eligible for up to $750K total cost per project. The proposal should clearly identify decisions and endpoints that will fit within a time frame of up to 24 months.

4/1/2011    Application

**Chretien International Research Grants**
American Astronomical Society
http://aas.org/grants/chretien.php
Contact: 202/328-2010

Solicitation number:
The purpose of these grants is to further international collaborative projects in observational astronomy. Emphasis is on long-term visits and the development of close working relationships with astronomers in other countries. Up to $20K is available each year to one or more individuals or groups. The awards are open to astronomers throughout the world. Preference will be given to individuals of high promise who are otherwise unfunded.
Walker Foundation Grants
Alex C. Walker Foundation
http://walker-foundation.org/grant-guidelines

Contact:
Solicitation number:
The Foundation funds local, national, and international projects as pilot studies or demonstrations for solving economic imbalances that may affect the United States or challenge the global free-enterprise system.

McKnight Memory and Cognitive Disorders Award
The McKnight Endowment Fund for Neuroscience

Contact: 612/333-4220, info@mcknight.org
Solicitation number:
McKnight is interested in proposals that address memory or cognition under normal and pathological conditions. This includes proposals that address mechanisms of memory or cognition at the synaptic, cellular, or behavioral level in animals, including humans. They are particularly interested in proposals that incorporate fundamentally new approaches, as well as those that involve human experimentation. Collaborative and cross-disciplinary applications are encouraged. Four awards will be made, each providing $100K per year for three years.

NCRG Research Grants
National Center for Responsible Gaming
http://www.gamblingdisorders.org/project-grants/funding-opportunities

Contact: Christine Reilly, creilly@gamblingdisorders.org
Solicitation number:
The National Center for Responsible Gaming supports a multidisciplinary approach to the study of gambling disorders through several funding mechanisms. The Exploration Grant provides quick access to funding for researchers and amounts up to $10K for one year. The Seed Grant supports small research projects and amounts up to $25K for one year. The Large Grant provides up to two years of support for discrete, specified, circumscribed research projects and amounts up to $75K per year.

Research Scholar Grants
American Cancer Society
http://www.cancer.org/Research/ResearchProgramsFunding/FundingOpportunities/IndexofGrants/index

Contact: 404/329-7558, grants@cancer.org
Solicitation number:
These grants provide the resources for investigator-initiated research in a variety of cancer-relevant areas. They typically cover the cost of items such as salaries, consumable supplies, special equipment, and other miscellaneous items required to conduct the proposed research. Awards are for up to four years and for up to $200K per year (direct costs), plus 20% allowable indirect costs. Independent investigators in the first six years of an independent research career or faculty appointment are eligible to apply.
SFARI Grants
The Simons Foundation
Contact: 800/875-2562, grants@simonsfoundation.org
Solicitation number:
The Simons Foundation Autism Research Initiative (SFARI) funds research related to the diagnosis and treatment of autism spectrum disorders. The following applications will be considered: SFARI Pilot Awards provide resources to support exploratory experiments that will strengthen hypotheses, lead to the formulation of competitive applications for subsequent larger-scale funding, and are recommended to investigators who are new to the field of autism; SFARI Individual Awards provide resources to support compelling high-impact research performed by single laboratories; and SFARI Project Awards provide resources for multiple independent labs to work on an experimental hypothesis for which preliminary data have already been gathered and the expertise of the collaborators in the field has already been proven. The respective maximum award amounts are $125K per year for up to two years, $350K per year for up to three years, and $1M per year for three years. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

MacDowell Fellowships
The MacDowell Colony
http://www.macdowellcolony.org/apply-appguidelines.html
Contact: 603/924-3886, admissions@macdowellcolony.org
Solicitation number:
A MacDowell Fellowship provides time, space, and an inspiring environment for artists and consists of exclusive use of a studio, accommodations, and meals for up to eight weeks. The Colony accepts applications from artists working in the following disciplines: architecture, film/video arts, interdisciplinary arts, literature, music composition, theatre, and visual arts. The sole criterion for acceptance is artistic excellence.

Bogliasco Fellowships
Liguria Study Center for the Arts and Humanities
http://www.bfny.org/english/applicants.cfm
Contact: 212/713-7628, info@bfny.org
Solicitation number:
Bogliasco Fellowships are awarded to qualified persons doing creative or scholarly work in the various disciplines of the Arts and Humanities. To be eligible, applicants should demonstrate significant achievement in their disciplines, commensurate with their age and experience. An approved project is presumed to lead to the completion of an artistic, literary, or scholarly work, followed by publication, performance, exhibition, or other public presentation. Fellowships are for an academic semester.

Kress Foundation Grant Programs
Kress Foundation
Contact: 212/861-4993, info@kressfoundation.org
Solicitation number:
Through its Grant Programs, the Kress Foundation supports scholarly projects that promote the appreciation, interpretation, preservation, study and teaching of European art from antiquity to the early 19th century. The History of Art Program supports scholarly projects that will enhance the appreciation and understanding of European art and architecture. The Conservation Program supports the professional practice of art conservation. The Digital Resources Program supports the creation of important online resources in art history, including both textual and visual resources.
ELF Grants
Endangered Language Fund
http://www.endangeredlanguagefund.org-request.php
Contact: 203/865-6163, elf@endangeredlanguagefund.org
Solicitation number:
This fund provides grants for language maintenance and linguistic field work. The work most likely to be funded is that which serves both the native community and the field of linguistics. Work which has immediate applicability to one group and more distant application to the other will also be considered. Publishing subventions are a low priority, although they will be considered. Proposals can originate in any country. The language involved must be in danger of disappearing within a generation or two. Grants are expected to be less than $4K in size, and to average about $2K.

Grants
USArtists International
http://www.midatlanticarts.org/funding/pat_presentation/us_artists/USAI%20FY11%20Guidelines_FINAL.pdf
Contact: Sara Nash, 410/539-6656 ext. 113, saran@midatlanticarts.org
Solicitation number:
USAI is committed to ensuring that the impressive range of the performing arts in the US is represented abroad, and that American artists can enhance their creative and professional development through participation at international festivals. Grants are available to American dance, music, and theater ensembles and solo performers that have been invited to perform at international festivals and for engagements that represent extraordinary career opportunities anywhere in the world outside of the US. Grant amounts generally range from $1K to $10K and will not exceed $15K.

Bradley Foundation Grants
The Bradley Foundation
http://www.bradleyfdn.org/grantmaking_policies.asp
Contact: 414/291-9915
Solicitation number:
The Foundation encourages projects that focus on cultivating a renewed, healthier, and more vigorous sense of citizenship among the American people, and among peoples of other nations, as well. Applicants must submit a letter of inquiry prior to submitting a full proposal. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

INET Research Grant Program
Institute for New Economic Thinking
Contact: grants@ineteconomics.org
Solicitation number:
This program calls for research proposals in these areas: 1) Macroeconomics and Finance; 2) History and Political Economy; 3) Economic Development and Growth; and 4) The Economics Profession. Of particular interest are proposals that address: sources and remedies of financial instability, institutional design for radical uncertainty, political economy of the state and public goods provision, political economy of income and wealth distribution, corporate governance in an age of economic globalization, and human capability and economic development. Grants will range in size from $25K to $250K.
Research Grants and Young Investigator Grants
North American Spine Society
Contact: Karen James, 630/230-3691, kjames@spine.org
Solicitation number:
General NASS research grants provide funding for promising research projects by qualified investigators in the field of spine. One to two Young Investigator Grants may be awarded each year for applicants within five years of their post-doc training. It is recommended that approved grant budgets not exceed $50K per year for both types of grants.

American Institute for Cancer Research Grant Program
American Institute for Cancer Research
http://www.aicr.org/site/PageServer?pagename=research_funded_grant_application
Contact: 202/328-7744, research@aicr.org
Solicitation number:
This program is dedicated to funding research on cancer prevention, treatment, and survival through food, nutrition, physical activity, and weight management. Investigator-initiated grants are generally made for a two-year term for a maximum of $150K.

Invitation Fellowship Program for Research in Japan (Short Term)
Japan Society for the Promotion of Science (JSPS)
Contact: 03-3263-2480/3443
Solicitation number:
This fellowship allows researchers employed at designated Japanese research institutions and laboratories to invite fellow researchers from other countries to Japan for short periods of time to participate in discussions, attend seminars, give lectures, or perform similar duties at their institutions. Applications for this program must be submitted by a host researcher in Japan. All fields of the humanities, social sciences, and natural sciences are included under this program. Applicants should be senior scientists, university professors, and other persons with substantial professional experience who are employed full-time at an overseas research institution. Awards include a round-trip ticket, a daily allowance, and a domestic research travel allowance for a period of 14 to 60 days.

UC and State of California

UC Berkeley
http://cpac.berkeley.edu/documents/loi_announcement.pdf
Contact: Gil Ojeda, 510/643-3140
Solicitation number:
This program supports projects that advance public understanding of problems hindering Californians from obtaining high quality and affordable health care, and that provide important new knowledge to policymakers in the legislative and executive branches of State government. The priority areas for 2011 are: Consumer Engagement under the Affordable Care Act (ACA) in California; Immigrant Health and the Safety Net Providers under ACA; Medi-Cal expansion in California; and Health Workforce Issues under ACA. Collaborative and interdisciplinary projects are encouraged. Research Projects will range from $5K to $65K in size. Dissertation Grants and Postdoctoral Awards will amount up to $10K.
Grants for Collaborative Projects
UC Institute for Mexico and the United States (UC MEXUS)
http://www.ucmexus.ucr.edu/funding/grant_collaborative.html
Contact: Andrea Kaus, 951/827-3586, andrea.kaus@ucr.edu
Solicitation number:
This program provides seed funding to teams of UC and Mexican researchers with beginning projects in basic and applied collaborative research, instructional development, and public service and education projects that apply research to public issues. The primary objective of the program is to enable the establishment of new collaborative initiatives with the potential for creating permanent ties between UC campuses and Mexican institutions that will grow and continue with the support of other institutional and extramural funds. Each proposal must be co-directed by an eligible PI from a UC campus and an eligible PI from a Mexican institution that is part of the Registro Nacional de Instituciones y Empresas Científicas y Tecnológicas. Awards of up to $25K will be provided for the 18-month period.

CIRM Disease Team Therapy Development Awards
California Institute for Regenerative Medicine
http://www.cirm.ca.gov/RFA_10-05
Contact: Varies with research interest
Solicitation number: RFA 10-05
These awards support preclinical and/or early clinical development of novel therapies derived from or targeting stem cells or utilizing direct reprogramming that may offer unique benefit with well-considered risk to persons with disease or serious injury. These awards will support both a Planning Award (Part I) and a Research Award (Part II). With limited exceptions, receipt of a Part I Planning Award will be a prerequisite for submission of an application for a Part II Research Award. A Part I Planning Award will provide up to $110K total costs for up to six months of team assembly, planning, and proposal development for the Part II application. Part II Research Awards will provide up to $20M of the total costs for up to four years for actively managed teams to conduct milestone-driven translational research to achieve the objective(s) of the RFA.

California Science and Technology Policy Fellowships
California Council on Science and Technology (CCST)
http://www.fellows.ccst.us/index.php
Contact: info@fellows.ccst.us
Solicitation number:
These Fellowships place professional scientists and engineers in the California State Legislature for one-year appointments. These professional development opportunities will enable fellows to work hands on with policy-makers to develop solutions to complex scientific and technical issues facing California through their interaction with the legislative process. The base stipend is $45K.

UC Historically Black Colleges and Universities Initiative
University of California
http://www.ucop.edu/research/gs/uchbcu/call.html
Contact: mailto:gradstudies@ucop.edu
Solicitation number:
The goal of the UC-HBCU Initiative is to increase the number of scholars from Historically Black College or Universities enrolling in UC academic doctoral program. UCOP invites proposals from UC faculty members to work with undergraduate and master level research scholars from HBCUs. Funds will be awarded to support summer research internships as well as other collaborations or opportunities. Grants are available to PIs in all disciplines. Participating students must be an enrolled student in good standing at a HBCU.
**3/31/2011 Nomination**

**Daryl and Marguerite Errett Discovery Award in Biomedical Research**

UC Santa Barbara  
http://engineering.ucsb.edu/pdf/RFA_Errett_Fisher_Foundation_Discovery_Award.pdf

Contact: Michelle Veal, 805/893-3456, Michelle@icb.ucsb.edu  
Solicitation number:

All faculty members at UCSB are invited to nominate a postdoctoral fellow (or project scientist or professional researcher) for this prestigious award that provides seed funding to support his/her innovative, cutting-edge research in biomedicine that might be considered too risky by agencies such as NIH. The funds awarded may be used by the young scientist for any costs associated with the proposed project including salary, research supplies and access to equipment and instrumentation. Domestic and international postdocs may apply for up to $50K.

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**3/31/2011 Proposal**

**Individual Faculty General Research Grants**

UC Santa Barbara  
http://senate.ucsb.edu/grants/faculty.research/  
Contact: Connie Howard, connie.howard@senate.ucsb.edu

Solicitation number:

Any Academic Senate member is eligible to apply for funds to support the faculty member's own research project. Project costs that will be considered for funding include hourly research assistants at less than 25% time, project-specific supplies, materials, and travel for field or archival research purposes. Research grant awards vary depending on availability of funds, but generally average $4K to $5K.

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**4/1/2011 Full Application**

**8/1/2011 Full Application**

**12/1/2011 Full Application**

**Santa Barbara Cottage Hospital Research Grants**

Santa Barbara Cottage Hospital  
http://www.cottagehealthsystem.org/LinkClick.aspx?link=1026&tabid=185

Contact: Betsy Lazarine, 805/569-7436, blazarin@sbch.org

Solicitation number:

This program has been established to encourage medical research by health professionals affiliated with Cottage Health System. The program can provide funding of up to $15K for innovative new ideas and small research projects. Scientists not affiliated with Cottage are eligible if there is a co-investigator who is a health professional affiliated with Cottage Health System.

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**4/1/2011 Proposal**

**Organic Electronic and Battery Materials**

UC Santa Barbara  

Contact: Glenn Fredrickson, ghf@mc-cam.ucsb.edu

Solicitation number:

MC-CAM is seeking to fund between one and two innovative “New Research Theme” (NRT) projects. The NRT projects should involve the design, synthesis, characterization, and/or fabrication of new functional materials or devices, especially those based on organic or hybrid organic-inorganic materials, which could have application in the electronics, energy, or photonics marketplace. Specific research areas of interest for this call are: 1) Spin down ITO replacements and 2) Advanced post Li-ion battery materials. These projects will be funded for a term of one year, typically in the range of $75K-$100K, including indirect costs.
Non-Senate Faculty Professional Development Fund  
UC Santa Barbara  
Contact: Yumi Kinoshita, ykinoshita@arts.ucsb.edu  
Solicitation number:  
Funds are available for use by all UCSB non-senate faculty, regardless of type or length of appointment. Recipients must have an active appointment while completing the project and when the expenses are reimbursed. Some preference may be given to new applicants. This announcement calls for a wide range of proposals related to non-senate faculty development. Funds may be used for conference and research travel, course relief, workshop attendance, creative/research projects, materials specifically related to a special project, or for other purposes related to non-senate faculty development. Awards will be granted in two categories: small (up to $1K) and large (over $1K).

UC Discovery Grant  
University of California  
http://www.ucop.edu/ucdiscovery/call.html  
Contact: 510/987-9386, parc@ucop.edu  
Solicitation number:  
The University of California Discovery Grant opportunity (UCDG) promotes collaborations between UC researchers and industry partners in the interest of supporting UC researchers and trainees, strengthening the state’s economy, and serving the public good. The UCDG is a matching grant mechanism; research projects are jointly funded by a UC Discovery Grant and a required industry matching contribution. UC Discovery Grants are open to all fields of research in which the proposed research fulfills the goals and funding priorities of the program. Proposals may span research from basic through proof-of-concept stages. Three types of awards are offered: Discovery Seed Funding Grants (DSF), Discovery Research and Training Grants (DRT), and Proof of Concept (POC) Grants. Discovery Seed Funding Grants are a simple, cash-only mechanism intended to incentivize new collaborations for a one year period. A Discovery Research and Training Grant is a more flexible mechanism that offers multi-year project periods for substantive research projects, incentives for in-kind contributions and opportunities for UC systemwide collaboration. The Proof of Concept (POC) grant supports projects that bridge the gap between research and commercialization. POC projects have already demonstrated successful results in the research environment and are poised for commercialization pending a specific, targeted demonstration, test result, or prototype.

Planning and Development Grants for Collaborative Research Projects  
University of California Center for Collaborative Research for an Equitable California (CCREC)  
http://ccrec.ucsc.edu/projects/rfps  
Contact: 831/459-1991, ccrec@ucsc.edu  
Solicitation number:  
The CCREC will award planning and development grants of up to $15K intended to support the crucial early stages of collaborative research projects the address at least two of the CCREC focal areas (economy, education, employment, environment, health, housing, and nutrition). Projects must have a UC Academic Senate faculty member or eligible UC researcher serve as PI and include community-based and policy partners.