Funding Resources

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

TABLE OF CONTENTS
Campus and Agency News
Contract and Grant Awards
Department of Agriculture (USDA)
Department of Commerce
Department of Defense (DOD)
Department of Education
Department of Energy (DOE)
Department of Justice (DOJ)
Environmental Protection Agency (EPA)
NASA
National Archive and Records Administration
National Endowment for the Arts (NEA)
National Endowment for the Humanities
National Institutes of Health (NIH)
National Science Foundation (NSF)
Nuclear Regulatory Commission (NRC)
Private/Nonprofit Agencies
UC and State of California

Campus and Agency News

NSF CAREER PROGRAM BROWN BAG DISCUSSION
Wednesday, April 20, noon–1:30 p.m.
2318 Marine Science Building
Please bring your lunch. Light refreshments will be provided.
RSVP at http://www.research.ucsb.edu/research-development/nsf-career-brown-bag/

The Office of Research invites tenure-track assistant professors considering a Faculty Early Career Development (CAREER) submission to join UCSB CAREER awardees, former NSF CAREER review panelists, and OR staff for an informal discussion of this NSF program, featuring:

UCSB Awardees:
Paul Atzberger, Associate Professor of Mathematics
Kimberly Turner, Professor and Chair of Mechanical Engineering
David Valentine, Professor of Earth Science

Former CAREER review panelist:
Jerry Gibson, Professor and Chair of Electrical and Computer Engineering

Along with a general CAREER overview, awardees will provide a brief description of their proposals, addressing both the research and educational aspects. Professor Jerry Gibson will also share his experience serving as a review panelist. Answers to frequently asked questions, specifics about Sponsored Projects proposal submission, and the opportunity to sign up to receive copies of successful proposals will be available.

The CAREER Program is a Foundation-wide activity that offers the NSF’s most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations. Applicants must be employed in a tenure-track position as an assistant professor as of October 1, 2011.

Current program guidelines are available at: http://www.nsf.gov/pubs/2011/nsf11690/nsf11690.html. This year’s deadlines are July 25, 26, and 27, depending on NSF Directorate.

RESEARCH GRANT WRITING 101 FOR SOCIAL SCIENCES, HUMANITIES, AND FINE ARTS
Wednesday, April 27, 2 p.m.
2206 North Hall
RSVP at http://www.research.ucsb.edu/research-development/research-grant-writing-101/

This workshop is intended for faculty who are new to UCSB or new to grant writing. It will cover how to find funding for your research, grant writing strategies (including interpreting RFPs, formatting, rhetorical strategies, proposal sections, and budgets), and information about research administration and services on our campus.

For more information, contact Barbara Walker, ext. 3576 or walker@research.ucsb.edu.
Sponsored by Office of Research, the IHC, and ISBER.
The Office of Research recently prepared a handout that highlights campus projects that have been supported by National Endowment for the Humanities funding. This full-color document, as well as similar handouts about the National Science Foundation, Department of Defense, and energy research, are available on the Profiles in Research website at http://www.research.ucsb.edu/profiles/fundingagencyimpact/index.aspx. Print copies are also available by request from funding@research.ucsb.edu.

Ten UCSB sophomores, juniors, and seniors are blogging about their research experiences during the academic year at the UCSB Undergraduate Research Blog (http://ucsbundergradresearch.wordpress.com/). The students represent a cross-section of academic disciplines including sociology, global studies, biology, biochemistry, physics, and mechanical and chemical engineering. Our current slate of contributors come from the Early Undergraduate Research and Knowledge Acquisition (EUREKA) program and the McNair Scholars program. The blog serves as a mechanism for the students to present their research to the public and as a platform for the public to learn more about the role of undergraduate research at a large university. Students also learn to reflect on their research experiences and effectively communicate about the research process. During each quarter, students write three to four short posts about anything related to their research projects and school life in general.

The National Science Foundation often releases Dear Colleague letters to solicit proposals related to particular areas of high funding priority for the agency. Below are some recently released announcements relevant to UCSB researchers.


The Cluster for Systematics and Biodiversity Science within the Division of Environmental Biology encourages the submission of proposals to conduct species-level taxonomic work and revisionary monographic research on particular groups of organisms, and to develop predictive classifications for those organisms. Titles of proposals emphasizing such revisionary and monographic syntheses should be prefaced with “ARTS”, and those proposals can be submitted to either the Biodiversity: Discovery & Analysis program (BDA) or Phylogenetic Systematic (PS) program. Investigators with questions about ARTS proposals are encouraged to contact the Cluster’s program officers listed on the program page at: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503618&org=DEB&from=home.

The Rapid Response Research (RAPID) mechanism is used to support activities having a severe urgency with regard to availability of, or access to, data, facilities or specialized equipment, including quick-response research on natural or anthropogenic disasters and similar unanticipated events like the February 21, 2011, earthquake in New Zealand and the March 11, 2011, earthquake in Japan and subsequent tsunami and nuclear power plant crises. Another mechanism is for a Principal Investigator (PI) to request supplemental funds to add an international dimension to an existing NSF grant. General guidelines for RAPID and supplement requests are described in the Proposal and Award Policies and Procedures Guide (NSF 11-001) at [http://www.nsf.gov/pubs/policydocs/pappguide/nsf11001/gpg_2.jsp#IID1](http://www.nsf.gov/pubs/policydocs/pappguide/nsf11001/gpg_2.jsp#IID1) and [http://www.nsf.gov/pubs/policydocs/pappguide/nsf11001/aag_1.jsp#IE4](http://www.nsf.gov/pubs/policydocs/pappguide/nsf11001/aag_1.jsp#IE4), respectively. PI(s) must contact the NSF program officer(s) whose program is most germane to the proposal topic before submitting a RAPID proposal or supplement request. PI(s) are also encouraged to contact the appropriate country contact in the NSF Office of International Science and Engineering (see [http://www.nsf.gov/od/oise/country-list.jsp](http://www.nsf.gov/od/oise/country-list.jsp)). The number of projects supported by NSF will depend on the quality of the proposals received and the availability of funds. While not a deadline, for timely consideration, submission of proposals by Friday, April 15, 2011, is encouraged.

**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](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**

- **Linda Petzold**, professor of mechanical engineering and computer science, has been named UCSB Faculty Research Lecturer for 2011.
- **James A. Thomson**, professor of molecular, cellular, and developmental biology and co-director of UCSB’s Center for Stem Cell Biology and Engineering, has been named one of the recipients of the 11th annual Albany Medical Center Prize in Medicine and Biomedical Research.
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.

Programs with upcoming campus deadlines include:
- NIH Diabetes Research Centers (P30)—Campus notice of intent 4/11/11; Agency Letter of Intent 5/31/11; Agency deadline 6/30/11
- NIH NCRR Science Education Partnership Award (SEPA) (R25)—Campus Notice of Intent 4/11/11; Agency Letter of Intent 5/22/11; Agency deadline 6/22/11

Programs with open campus spots (please contact funding@research.ucsb.edu if you are interested in submitting to one of these programs):
- 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
- NIH NLM Institutional Training Grants for Research Training in Biomedical Informatics (T15)—OR has not received any notices of intent; Agency deadline 4/28/11
- NIH NEI National Research Service Award Institutional Research Training Grants for Statistical Genetics and Genome Informatics—OR has not received any notices of intent; Agency deadline 5/18/11
- NIH MARC Undergraduate Student Training in Academic Research (U-STAR) National Research Service Award—OR has not received any notices of intent; Agency deadline 5/25/11
Contract and Grant Awards
February 2011

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


Begley, M., Mechanical Engineering, $135,000, National Science Foundation, “Understanding Elastomer/Stiff Material Interfaces in Fluidic Environments for Bioanalytical Microdevices.”


Butler, A., Chemistry & Biochemistry, $447,615, National Science Foundation, “Microbial Iron Acquisition: Investigations of Amphiphilic Siderophores.”

Dudley, T.L., Marine Science Institute, $625,000, U.S. Fish And Wildlife Service, “Research and Restoration Through the Santa Clara River Reserve: A Proposal to Develop a University of California Research and Education Station.”

Ford, P.C., Chemistry & Biochemistry, $515,000, National Science Foundation, “Photochemical Delivery and Metal Mediated Reactions of Nitrogen Oxides and Other Bioactive Small Molecule.”

Goulias, K.G., Geography, $2,000, UC Transportation Center (Berkeley), “TRB Student Travel Support.”


Hollerer, T.H., Computer Science, $1,133,545, Science Applications International Corporation, “Designing and Evaluating the Analyst Experience for Scalable Knowledge Discovery and Dissemination.”

Lambert, A., Dudley, T.L., Marine Science Institute, $19,042, Nature Conservancy, “Development of a Strategic Plan for the Santa Clara River Research and Education Station/Preserve.”

Lubin, P.M., Physics, $200,000, National Aeronautics and Space Administration Shared Services Center, “CoFE-T a Balloon Based Survey of CMB Foregrounds and Galactic Science from 3 to 15 GHz in Temperature and Polarization.”


Raubal, M., Geography, $20,000, UC Transportation Center (Berkeley), “UCTC Fellowship: The Synergy of Transportation, Social, and Data Networks.”

Reich, N.O. (Chemistry & Biochemistry), Molecular, Cellular & Developmental Biology, $4,000, California State University Channel Islands, “Channel Islands CIRM Project.”

Rodwell, M.J., Electrical & Computer Engineering, $100,000, Government of Israel, “Process Modules for Advanced InP THz Transistors.”

Schooler, J., Smallwood, J., Psychology, $1,702,662, Department of Education, “Mind Wandering During Reading.”

Segura, D.A. (Sociology), Guzman, M. (Sociology), Chicano Studies Institute, $1,455, UC MEXUS, “The Collateral Consequences of Mass Incarceration on Urban Youth Cultures.”

Seshadri, R. (Materials), Materials Research Laboratory, $80,388, National Science Foundation, “Materials by Design: A Proposal for an NSF-Sponsored Workshop.”

Voss, L.B., Orfalea Family Children's Center, $750, County of Santa Barbara, “First 5, SB County: Quality Counts Network.”

Voss, L.B., Orfalea Family Children’s Center, $35,000, California Department of Education, “2010-2011 CDE Child Care and Adult Care Food Program.”

Young, M.D. (Vice Chancellor Student Affairs), Women’s Center, $20,014, UC Davis, “CA Flagship Grant to Reduce Violent Crimes Against Women on Campus.”
Program Announcements
April 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
• 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)

5/10/2011   Application
Women and Minorities in Science, Technology, Engineering and Mathematics Fields Program (WAMS)
Department of Agriculture (USDA)
Contact: Jermelina Tupas, 202/720-1973, WAMS@nifa.usda.gov
Solicitation number: USDA-NIFA-WAMS-003415
The purpose is to support research and extension projects that provide STEM knowledge, skills and competencies to women and underrepresented minorities from rural areas with successful placement: a) in the workforce in STEM fields, or b) as innovators and entrepreneurs adding value to the STEM fields in areas that have relevancy to the USDA Secretary’s priorities of Sustainable Energy; Climate Change; Food Safety; Nutrition and Childhood Obesity; and Global Food Security.

5/18/2011   Application
Agriculture and Food Research Initiative Competitive Grants Program - Childhood Obesity Prevention
Department of Agriculture (USDA), National Institute of Food and Agriculture (NIFA)
Contact: Etta Saltos, 202/401-5178, esaltos@nifa.usda.gov
Solicitation number: CFDA 10.310
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.

Department of Commerce (DOC)

5/2/2011   Letter of Intent (required)
5/26/2011   Application
i6 Green Challenge
Department of Commerce, Economic Development Administration
Contact: Brian Parker, bparker@eda.doc.gov
Solicitation number: CFDA 11.307
EDA solicits competitive applications to encourage and reward innovative, ground-breaking ideas that accelerate technology commercialization and new venture formation across the U.S. Applicants must address a persistent problem or an unaddressed opportunity with a sense of urgency and demonstrate how an i6 Green Proof of Concept Center will remove existing roadblocks and spark sustainable economic opportunities in the applicant’s region. Applicants will be expected to incorporate a credible plan to access additional resources and demonstrate how the proposed effort will be sustained by a well-qualified team and partners. EDA intends to award at least six winning applicants grants of up to $1M each for a project period of up to two years from date of award. Applicants must demonstrate at the time of application a matching share of at least $500K, which must be available and committed to the project from non-Federal sources.
**Precision Measurement Grant Program**
Department of Commerce, National Institute of Standards and Technology (NIST)
Contact: Christopher Hunton, 301/975-5718, Christopher.hunton@nist.gov
Solicitation number: 2011-PMGP-01

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.

**Measurement Science and Engineering Research Grants Program**
Department of Commerce, National Institute of Standards and Technology (NIST)
Contact: Varies with research interest
Solicitation number: 2011-MSE-01

The National Institute of Standards and Technology (NIST) announces that the following programs are soliciting applications for financial assistance for FY 2011: (1) the Material Measurement Laboratory Grants Program; (2) the Physical Measurement Laboratory Grants Program; (3) the Engineering Laboratory Grants Program; (4) the Fire Research Grants Program; (5) the Information Technology Laboratory Grants Program; (6) the NIST Center for Neutron Research Grants Program; (7) the Center for Nanoscale Science and Technology Grants and Cooperative Agreements Program; (8) the Standards Services Group Grants and Cooperative Agreements Program; and (9) the Law Enforcement Standards Office (OLES) Grants and Cooperative Agreements Program. Requirements for each program vary; check the full guidelines for more information.

**Department of Defense (DOD)**

**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)
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.
Microscale Power Conversion
Defense Advanced Research Projects Agency (DARPA), Microsystems Technology Office
Contact: John Albrecht, 703/526-4126, DARPA-BAA-11-33@darpa.mil
Solicitation number: DARPA-BAA-11-33
Proposed research should investigate innovative approaches that will ultimately realize an RF transmitter as either a monolithic integrated circuit or a system-in-package module in which a monolithic microwave integrated circuit (MMIC) power amplifier is integrated with a dynamic voltage power supply and its controller circuit. The Technical Areas of Interest are: I) power switch device and process integration and II) RF transmitter and supply modulator co-design and prototyping. A single proposal may address only one Technical Area of Interest.

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
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.
University Engineering Design Challenge Program
Air Force Office of Scientific Research (AFOSR)

Contact: Kent Miller, 703/696-8573, kent.miller@afosr.af.mil
Solicitation number: BAA-AFOSR-2011-03
This program promotes and sustains university research and education focused on innovative military systems and related technologies. This program will be structured as a yearly design challenge. This announcement is to select a set of university contestants that will conduct this research and participate in the design challenges for three years, primarily focused on problems and research related to mechanical engineering disciplines. Each university will assemble a team of undergraduates to research, develop, fabricate, and demonstrate a solution to the challenge at the end of the academic year. Each project will be funded at no more than $20K per year for a maximum of three years. Collaborations with government agencies or industry are encouraged.

5/5/2011 Ongoing
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.

5/6/2011 Full Proposal
Expeditionary Maneuver Warfare and Combating Terrorism
Office of Naval Research (ONR)
http://www.onr.navy.mil/~media/Files/Funding-Announcements/BAA/2011/11-007.ashx
Contact: Laura Worcester, Laura.T 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.

5/10/2011 Proposal
Strategic Social Interaction Modules (SSIM)
Defense Advanced Research Projects Agency (DARPA)
https://www.fbo.gov/download/dbb/dbb2a40c0a44d3f611a91d6992c05e73/DARPA-BAA-11-32_SSIM.pdf
Contact: Brian Lande, DARPA-BAA-11-32@darpa.mil
Solicitation number: DARPA-BAA-11-32
DARPA is soliciting proposals for innovative research into the identification of and training in social interactions skills warfighters can apply to effect successful outcomes in social encounters with strangers in unfamiliar and hostile environments and in enhancing the warfighters' human dynamics proficiencies during such encounters. The proposed research should investigate innovative approaches that enable revolutionary advances in social science, training, or validation. Specifically excluded is research that results primarily in evolutionary improvements to the existing state of practice.
Machine Reasoning and Intelligence
Office of Naval Research (ONR)
http://www.grants.gov/search/search.do;?oppid=77293&mode=VIEW
Contact: Behzad Kamgar-Parsi, Behzad.Kamgarparsi@navy.mil
Solicitation number: 11-SN-008
The proposed topic will develop fundamental understanding and methods that lead to autonomous systems that can successfully execute a variety of missions in complex environments through machine reasoning while exploiting all sources of sensor and open domain data. The program will pursue a wide variety of approaches that enable automated systems to provide multiple hypotheses that are: consistent with a mission; support the use of data that is uncertain, incomplete, imprecise, and contradictory; provide a capability to suggest experiments or courses of action that disambiguate between hypotheses; identify data with appropriate data quality; and represent data that is uncertain, incomplete, imprecise and contradictory, and support computation as well as hypothesis formulation.

Department of Education

<table>
<thead>
<tr>
<th>Date</th>
<th>Document Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/21/2011</td>
<td>Letter of Intent</td>
</tr>
<tr>
<td>6/23/2011</td>
<td>Application</td>
</tr>
<tr>
<td>7/21/2011</td>
<td>Letter of Intent</td>
</tr>
<tr>
<td>9/22/2011</td>
<td>Application</td>
</tr>
</tbody>
</table>

Education Research Grants

Department of Education, Institute of Education Sciences
Contact: Varies with research interest
Solicitation number: CFDA 84.305A
IES requests applications for research projects that will contribute to its education research programs in Reading and Writing; Mathematics and Science Education; Cognition and Student Learning; Social and Behavioral Context for Academic Learning; Education Technology; Effective Teachers and Effective Teaching; Improving Education Systems: Policies, Organization, Management, and Leadership; Postsecondary and Adult Education; Early Learning Programs and Policies; and English Learners. The project goals are: Exploration; Development and Innovation; Efficacy and Replication; Scale-up Evaluation; and Measurement. Applications must address a specific topic and goal. Award size and duration vary according to the goal addressed.

<table>
<thead>
<tr>
<th>Date</th>
<th>Document Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/21/2011</td>
<td>Letter of Intent</td>
</tr>
<tr>
<td>6/23/2011</td>
<td>Application</td>
</tr>
<tr>
<td>7/21/2011</td>
<td>Letter of Intent</td>
</tr>
<tr>
<td>9/22/2011</td>
<td>Application</td>
</tr>
</tbody>
</table>

Special Education Research Grants

Department of Education, Institute of Education Sciences
Contact: Varies with research interest
Solicitation number: CFDA 84.324A
IES requests applications for research projects that will contribute to its special education research programs in Early Intervention and Early Learning in Special Education; Reading, Writing, and Language Development; Mathematics and Science Education; Social and Behavioral Outcomes to Support Learning; Transition Outcomes for Special Education Secondary Students; Cognition and Student Learning in Special Education; Professional Development for Teachers and Related Services Providers; Special Education Policy, Finance, and Systems; Autism Spectrum Disorders; Technology for Special Education; and Families of Children with Disabilities. The project goals are: Exploration; Development and Innovation; Efficacy and Replication; Scale-up Evaluation; and Measurement. Award size and duration vary according to the goal selected.
Technology and Media Services for Individuals with Disabilities

Department of Education


Contact: Terry Jackson, 202/245-6039

Solicitation number: CFDA 84.327A

The purposes of this program are to: 1) Improve results for children with disabilities by promoting the development, demonstration, and use of technology; 2) support educational media services activities designed to be of educational value in the classroom setting to children with disabilities; and 3) provide support for captioning and video description that are appropriate for use in the classroom setting. Awards are made in two phases: 1) Development: four awards, each ranging from $100K to $200K for up to two years and 2) Research on effectiveness: six awards, each ranging from $200K to $300K for up to three years.

Transition to Teaching Grant Program

Department of Education, Office of Innovation and Improvement


Contact: Patricia Barrett, 202/260–7350, transitiontoteaching@ed.gov

Solicitation number: CFDA 84.350

This program encourages (1) the development and expansion of alternative routes to full State teacher certification, as well as (2) the recruitment and retention of highly qualified mid-career professionals, recent college graduates, and highly qualified paraprofessionals as teachers in high-need schools operated by high-need local educational agencies (LEAs), including charter schools that operate as high-need LEAs. For national/regional projects, statewide projects, and local projects, the respective estimated funding amounts are $450K to $750K per year; $300K to $650K per year; and $150K to $450K per year. The maximum project period is 60 months.

United States-Brazil Higher Education Consortia Program

Department of Education, Office of Postsecondary Education (OPE)


Contact: Michelle Guilfoil, 202/502-7625

Solicitation number: CFDA 84.116M

The purpose of this program is to provide grants for the formation of educational consortia of U.S. and Brazilian institutions. The project must support the coordination of curricula, the exchange of students, and educational opportunities between the U.S. and Brazil. The estimated range of awards is $30K to $35K for the first year and $210K to $250K for the four-year duration of the grant.

Program for North American Mobility in Higher Education

Department of Education, Office of Postsecondary Education (OPE)


Contact: Amy Wilson, 202/502-7689

Solicitation number: CFDA 84.116N

The purpose of this program is to provide grants to improve postsecondary education opportunities by focusing on problem areas or improvement approaches in postsecondary education. The absolute priority supports the formation of educational consortia of U.S., Canadian, and Mexican institutions. To meet this priority, the applicant must propose a project that supports cooperation in the coordination of curricula; the exchange of students, if pertinent to grant activities; and the opening of educational opportunities among the U.S., Canada, and Mexico.
European Union-United States Atlantis Program
Department of Education, Office of Postsecondary Education (OPE)
http://www2.ed.gov/programs/fipseec/index.html
Contact: Tanyelle Richardson, 202/502-7626, tanyelle.richardson@ed.gov
Solicitation number: CFDA 84.116J
The program, jointly administered and funded by the U.S. Department of Education and the European Commission's Directorate General for Education and Culture, provides grants for four to five years to add a European Community-United States dimension to international curriculum development and related student exchange. The program supports projects that develop organizational frameworks for transatlantic student mobility, including work placements and internships that will provide adequate language preparation and full academic credit. Also supported are innovative curricula; teaching materials, methods, and modules; research internships; and teaching assignments. Awards will range from $66K to $456K for the duration of the grant.

Department of Energy (DOE)

Research, Development and Training in Isotope Production
Department of Energy, Office of Science
http://www.fedconnect.net/FedConnect/?doc=DE-FOA-00000448&agency=DOE
Contact: Dennis Phillips, 301/903-7866, dennis.phillips@science.doe.gov
Solicitation number: DE-FOA-00000448
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.

Theoretical Research in Magnetic Fusion Energy Science
Department of Energy, Office of Science
http://www.fedconnect.net/FedConnect/?doc=DE-FOA-00000480&agency=DOE
Contact: John Mandrekas, 301/903-0552, john.mandrekas@science.doe.gov
Solicitation number: DE-FOA-00000480
DOE announces its interest in receiving grant applications for theoretical research relevant to the program in magnetic fusion energy sciences. The specific areas of interest are: 1) Magnetohydrodynamics; 2) Confinement and Transport; 3) Boundary Physics; 4) Plasma Heating, Non-inductive Current Drive, and Energetic Particles; and 5) Atomic and Molecular Processes in Plasmas. Collaborative research projects involving more than one institution are welcome.

Applications of Nuclear Science and Technology Initiative
Department of Energy, Office of Science
http://www.fedconnect.net/FedConnect/?doc=DE-FOA-00000450&agency=DOE
Contact: Manouchehr Farkhondeh, 301/903-4398, manouchehr.farkhondeh@science.doe.gov
Solicitation number: DE-FOA-00000450
This program supports experimental and theoretical research—along with the development and operation of particle accelerators and advanced technologies—to create, detect, and describe the different forms and complexities of nuclear matter that can exist in the universe, including those that are no longer naturally found. The primary goal is to pursue forefront nuclear science research and development needed to achieve Nuclear Physics mission goals and that are also relevant to applications important to the Nation.
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.

5/5/2011 Executive Summary of the Proposal
6/30/2011 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.

5/6/2011 Application
Catalytic Upgrading of Thermochemical Intermediates to Hydrocarbons
Department of Energy
http://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000467&agency=DOE
Contact: https://www.fedconnect.net/Fedconnect/PublicPages/FedConnect_Ready_Set_Go.pdf
Solicitation number: DE-FOA-0000467
DOE is seeking applications to develop technology and processes that yield a finished fuel (blendstock), infrastructure-ready hydrocarbon, and/or biofuel-enabling chemical product. The successful applicants will design and operate fully integrated (all unit process operations, including recycle loops) processes that will ultimately be capable of reaching steady state and generating long term, continuous data sufficient to validate the process. Approximately three to five awards will be made. Award amounts will range from $2.5M to $4M total over three years. The cost share must be at least 20% of the total allowable costs for research and development projects.

Department of Justice (DOJ)
4/12/2011 Application
Basic Scientific Research to Support Forensic Science for Criminal Justice Purposes
Department of Justice, National Institute of Justice (NIJ)
http://www.ncjrs.gov/pdffiles1/nij/si000945.pdf
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)
http://www.ncjrs.gov/pdfsfiles1/nij/si000966.pdf
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.

Gang Field Initiated Research and Evaluation Programs
Department of Justice, Office of Juvenile Justice Delinquency Prevention
Contact: 877/927–5657, JIC@telesishq.com
Solicitation number: OJJDP-2011-2964
This solicitation will fund research and evaluation studies to produce practical findings for policymakers and practitioners for the development of evidence-based programs, policies, and strategies that effectively address at-risk and gang-involved youth. Topics to be addressed may include, but are not limited to: 1) youth entry into, involvement in, and desistance from gang-related crime; 2) the effectiveness of prevention approaches targeting youth at risk for gang involvement; 3) the effectiveness of intervention strategies; 4) the nature and scope of youth gangs in juvenile detention and correctional facilities; 5) the effectiveness of reentry approaches; and 6) the assessment of how tribal communities can effectively address gang-related challenges confronting at-risk and gang-involved native youth. Expected award amounts will range between $200K and $1M for a project period of as long as four years.

Environmental Protection Agency (EPA)

4/28/2011 Application

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.
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.

Environmental Education Regional Grants
Environmental Protection Agency
Contact: Karen Scott, EEgrants@epa.gov
Solicitation number: EPA-EE-11-02
The purpose of this program is to increase public awareness and knowledge about environmental issues and provide the skills that participants in its funded projects need to make informed environmental decisions and take responsible actions toward the environment. EPA expects to award a minimum of two grants per Region; the award amount will range from $15K to $100K. Applicants must demonstrate how they will provide non-federal matching funds of at least 25% of the total cost of the project.

Development of New and Improved Methods for the Characterizations of Nanoparticles in Environmental Media
Environmental Protection Agency
http://www.epa.gov/nrmrl/tech/funding/NRMRLCI1102solicit.pdf
Contact: Cynthia Johnson, 513/569-7873, Johnson.cynthia@epa.gov
Solicitation number: EPA-ORD-NRMRL-CI-11-02
EPA will provide federal financial assistance to a recipient organization to develop new and improve existing methods for the characterization of nanoparticles, in situ, in environmental media. The primary beneficiary of this project would be public environmental health professionals and experts; scientists and engineers in state and local governments, academia, and other research organizations involved with research on the fate and transport of nanoparticles in the environment. The proposed research could significantly contribute to the detection and identification of nanoparticles which would facilitate risk assessment and management and distinguish and quantify nanoparticles in environmental media. One award will be made for up to $40K per year for two years.

Environmental Impact and Mitigation of Oil Spills
Environmental Protection Agency
Contact: Mitch Lasat, 703/347-8099, lasat.mitch@epa.gov
Solicitation number: EPA-G2011-STAR-F1
EPA is seeking applications proposing to develop a research program, including an effective community outreach program component, to mitigate the impact of oil spills. The research program must address one or more of the following topics: 1) development of cost-effective innovative technologies to mitigate the impact of oil spills; 2) development of effective oil dispersants, surface washing agents, bioremediation agents, and other mitigation measures with low environmental impact; and 3) investigation of the effects of oil spills and application of dispersants/agents/measures on the environment. Applicants must also submit a community outreach program plan, the objective of which is to help impacted Gulf Coast communities effectively participate in the study and use its results. The potential funding per award is up to a total of $500K, including direct and indirect costs, with a maximum duration of three years. About four awards will be made.

National Aeronautics and Space Administration (NASA)
Heliophysics Research - Geospace Science

National Aeronautics and Space Administration


Contact: Mona Kessel, 202/358-0064, mona.kessel@nasa.gov

Solicitation number: NNH11ZDA001N-GEO

Proposers are encouraged to review the other Heliophysics Research Programs to determine the most appropriate solicitation for an intended proposal. This program has three components: the Geospace Supporting Research and Technology (G/SR&T) program, which supports individual research tasks that employ a variety of research techniques; the Geospace Instrument Development (G/IDP) program, which supports the development of scientific instruments and/or components of such instruments to the point where they may be proposed in response to announcements of future Geospace Science flight opportunities, without extensive additional technology development; and the Geospace Low Cost Access to Space (G/LCAS) program, which supports science investigations or instrument development that must be completed through suborbital flights. Their respective expected program budgets are $2.3M, $300K, and $1.1M. Each program has a maximum duration of three years.

Planetary Geology and Geophysics

National Aeronautics and Space Administration


Contact: Michael Kelley, 202/358-0607, HQ-PGG@mail.nasa.gov

Solicitation number: NNH11ZDA001N-PGG

This program supports scientific investigations of planetary surfaces and interiors, satellites (including the Moon), satellite and ring systems, and smaller Solar System bodies, such as asteroids and comets. The goals of the PGG program are to foster the synthesis, analysis, and comparative study of data that will improve the understanding of the extent and influence of planetary geological and geophysical processes on the bodies of the Solar System. Supported research projects involve analysis and synthesis of existing data to investigate geological and geophysical processes and phenomena observed on natural objects within the Solar System. Approximately 35 awards with a maximum duration of four years will be made.

Planetary Atmospheres

National Aeronautics and Space Administration


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

Solicitation number: NNH11ZDA001N-PATM

This program supports scientific investigations that contribute to the understanding of the origins and evolution of the atmospheres of planets and their satellites and of comets. Its broad objectives include the determination of compositions, dynamics, energetics, and chemical behaviors of planetary atmospheres. Proposals for the analysis of atmospheric data from NASA space science missions that are calibrated and archived and in the public domain on the Planetary Data System are encouraged. Approximately 10-30 awards will be made. The maximum award duration is five years, but shorter term proposals are encouraged.
**Physical Oceanography**
National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/viewrepositordocument/cmdocumentid=256992/A.7%20PO%20FINAL.pdf

Contact: Eric Lindstrom, 202/358-4540, eric.j.lindstrom@nasa.gov

Solicitation number: NNH11ZDA001N

This program supports basic research and analysis activities that enable development of NASA’s current and future physical oceanography satellite missions and the scientific interpretation of data from them. The two priority areas for proposals solicited through this announcement are: 1) Analysis and interpretation of the ocean circulation using satellite and in-situ data and 2) Exploitation of sea-surface temperature products. Programmatic priority will be given to those proposals making the strongest links to analysis of satellite data and addressing oceanographic problems at basin or global scale. Total funds available for work selected under this solicitation are approximately $2M per year for three years.

---

**Unique and Innovative Space Technology**
National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/viewrepositordocument/cmdocumentid=260319/GCT%20Office%20BAA%20Final%202011

Contact: Harry Partridge, Harry.Partridge@nasa.gov

Solicitation number: NNH11ZUA001K

This FOA solicits proposals for research and development for technology that is innovative and unique and promises to enable revolutionary improvements to the efficiency and effectiveness of our country’s space capability. Novel concepts are sought in any of the 14 Technology Areas (TAs) as identified in NASA’s draft Space Technology Roadmap. Individual awards can be for up to three years, but are limited to a total of $3M over three years. Proposals may be submitted any time before the closing dates listed. There will be five review dates before the final deadline. Proposers are encouraged to submit white papers well in advance of proposals.

---

**Early Stage Innovation NASA Innovative Advanced Concepts (NIAC)**
National Aeronautics and Space Administration


Contact: John Falkner, hq-niac@mail.nasa.gov

Solicitation number: NNH11ZUA001N

NASA is fostering the development of innovative, low Technology Readiness Level (TRL) concepts to accelerate the development of transformational capabilities and “push” technologies. NIAC will fund early studies of visionary concepts that could dramatically improve future aerospace missions. The concepts to be developed as a result of this call will be TRL 1 (basic principles observed and reported), TRL 2 (technology concept and/or application formulated), or early TRL 3 (analytical and experimental critical function and/or characteristic proof of concept). The typical award amount is $100K over approximately one year.

---

**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.
Earth Science Applications - Fires and Wildfires
National Aeronautics and Space Administration
Contact: Lawrence Friedl, 202/358-7200, LFriedl@nasa.gov
Solicitation number: NNH11ZDA001N-FIRE
This program supports efforts to discover and demonstrate innovative and practical uses of NASA Earth science data, knowledge, and technology. The objective of this solicitation is to select applied research and applications projects across applications themes on the topic of fires, including wildfires, rangeland fires, prescribed fires, and other environmental fires. Successful projects will advance the use and application of Earth science observations and models in decision making associated with fire-related topics, prediction, and management. Projects should engage and involve existing agency, state, and intergovernmental structures already in place addressing fire risk, response, and other activities to determine priority, tractable topics to address. Approximately five awards will be made with a maximum duration of four years.

Astrophysics Data Analysis
National Aeronautics and Space Administration
http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=256941/D.2%20ADAP%20FINAL.pdf
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.

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.

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

**Astrophysics Theory**
National Aeronautics and Space Administration


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.

**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 reuse 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.

**Publishing Historical Records**

National Archives and Records Administration


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).
6/9/2011 Final Deadline

Grant Opportunities
National Archives and Records Administration, National Historical Publications and Records Commission
http://www.archives.gov/nhprc/announcement/
Contact: 202/357-5010, nhprc@nara.gov
Solicitation number: 6
The NHPRC seeks proposals that promote the preservation and use of America’s documentary heritage. Funding programs for this deadline include Digitizing Historical Records, Electronic Records Projects, and Publishing Historical Records. Award amount varies by program.

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)

5/3/2011 Application
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.

5/3/2011 Application
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.
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.

Preservation and Access Research and Development
National Endowment for the Humanities, Division of Preservation and Access
http://www.neh.gov/grants/guidelines/PARD.html
Contact: 202/606-8570, preservation@neh.gov
Solicitation number: CFDA 45.149

PARD grants support projects that address major challenges in preserving or providing access to humanities collections and resources. These challenges include the need to find better ways to preserve materials of critical importance to the nation’s cultural heritage and to develop advanced modes of searching, discovering, and using such materials. NEH especially encourages applications that address Digital Preservation, Recorded Sound and Moving Image Collections, and Preventive Conservation. The maximum award is $350K for up to three years. Applicants whose projects focus on any of the three areas of special interest noted above may request up to $400K. Although cost sharing is not required, these grants typically cover no more than 80 percent of project costs.

National Institutes of Health (NIH)

5/11/2011 Application
8/14/2011 Letter of Intent (optional)
9/14/2011 Application

Behavioral and Social Science Research on Understanding and Reducing Health Disparities (R01)
National Institutes of Health, Cross-Institute
Contact: Ronald Abeles, 301/496-7859, aabeles@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.

---

**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.

---

**Diabetes Research Centers (P30) - Limited Submission**

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


Contact: James Hyde, 301/594-7692, James.Hyde@nih.gov

Solicitation number: RFA-DK-11-002

Diabetes Research Centers are designed to support and enhance the national research effort in diabetes and related endocrine and metabolic diseases. Diabetes Research Centers support three primary research-related activities: Research Core services, a Pilot and Feasibility (P&F) program, and an Enrichment program. All activities pursued by Diabetes Research Centers are designed to enhance the efficiency, productivity, effectiveness and multidisciplinary nature of research in Diabetes Research Center topic areas. The NIDDK Diabetes Centers program in 2011 consists of 16 Centers each located at outstanding research institutions with documented programs of research excellence in diabetes, endocrine and metabolic diseases. Application budgets are limited to $1M per year for up to five years in direct costs unless the applicant organization proposes to provide regional or national core services. 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.
NCRR Science Education Partnership Award (SEPA) (R25) - Limited Submission

National Institutes of Health, National Center for Research Resources (NCRR)


Contact: L. Tony Beck, 301/435-0805, beckl@mail.nih.gov

Solicitation number: PAR-10-206

The National Center for Research Resources (NCRR) encourages applications to its Science Education Partnership Award (SEPA) program for the development and evaluation of innovative research education programs to improve PreK-12 research career opportunities and the community’s understanding of the health science advances supported by the NIH. SEPA encourages dynamic partnerships between biomedical and clinical researchers and PreK-12 teachers and schools and other interested National Institutes of Health organizations. Proposed projects for SEPA awards may focus on any area of NIH-funded basic, behavioral or clinical research. The proposed research education program may complement ongoing research training and education occurring at the applicant institution, but the proposed educational experiences must be distinct from those research training and research education programs currently receiving federal support. The total project period for an application submitted in response to this FOA is five years and direct costs are limited to $250K annually. This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.

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.

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.
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.

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.

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.
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.

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.

NIBIB Biomedical Technology Resource Centers (P41)
National Institutes of Health
Contact: Alan McLaughlin, 301/496-9321, mclaugal@mail.nih.gov
Solicitation number: PAR-10-153
This FOA encourages grant applications for Biomedical Technology Resource Centers (BTRC’s) that are funded using the P41 mechanism. BTRC’s conduct research and development on new technologies that are driven by the needs of basic, translational, and clinical researchers. BTRC’s also make their technologies available, train members of the research community in the use of the technologies, and disseminate these technologies broadly. Direct costs (excluding equipment) are limited to $700K per year for up to five years. Direct costs for equipment are limited to $500K for the duration of the project.
Program Project on Alcohol-Related Research (P01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Varies with research interest
Solicitation number: PAR-11-174
The NIAAA Program Project initiative supports interdisciplinary research on a wide variety of areas including, but not limited to: the nature, causes, consequences, diagnosis, treatment, and prevention of alcohol abuse and alcoholism; and in addition the development of new approaches and methodologies to pursue this research. Applicants are strongly encouraged to request a budget below $500K per year in direct costs. The maximum project period is five years.

NLM Institutional Training Grants for Research Training in Biomedical Informatics (T15) - Limited Submission
National Institutes of Health, National Institute of Dental and Craniofacial Research (NIDCR), National Library of Medicine (NLM)
Contact: Valerie Florance, 301/496-4621, florancev@mail.nih.gov
Solicitation number: RFA-LM-11-001
The National Library of Medicine invites training grant applications for support of predoctoral and postdoctoral training for research careers in biomedical informatics. Such training will help meet a growing need for investigators trained in biomedical computing and related fields as they directly relate to application domains, including health care delivery, basic biomedical research, clinical and translational research, public health and similar areas. Application budgets are not limited, but need to reflect actual needs of the proposed project. Program budgets are primarily determined by the numbers and types of training positions requested. In FY 2012, NLM intends to spend approximately $14M on 10 to 15 awards in this program. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

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, sklared@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.

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.
6/2/2011  Application

**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.

5/3/2011  Application

**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.

5/4/2011  Application

**Maximizing the Scientific Value of the NHLBI Biologic Specimen Repository - Scientific Opportunities (R21)**

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


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.

5/7/2011  Application

9/7/2011  Application

**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-Connine, 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 antithrombotic 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.

**Morris K. Udall Centers of Excellence for Parkinsons Disease Research (P50)**

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


Contact: Beth-Anne Sieber, 301/496-5680, sieberb@ninds.nih.gov

Solicitation number: RFA-NS-11-004

The overarching goal of the specialized Udall Centers program is to establish a network of Centers that work independently as well as collaboratively to define the causes of and discover a cure for Parkinson’s disease (PD). A more immediate goal for each Center is to rapidly advance synergistic, high-impact research programs while serving as local resources and national leaders in PD research and treatment. The overall theme, proposed research projects, and associated scientific/clinical cores must relate directly to the etiology, pathogenesis or treatment of PD. Investigations on related parkinsonian disorders may be included, to the extent that these directly inform research on PD. Applicants should request no more than $1M direct costs per year for up to five years.
NIH Blueprint for Neuroscience Research Grand Challenge - Developing Novel Drugs for Disorders of the Nervous S
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: RFA-NS-12-002
NIH announces an opportunity for investigators working with small molecule compounds to gain access to a robust ‘virtual pharma’ drug development network to develop neurotherapeutic drugs. Successful applicants will become collaborative participants in this network, receiving both funding and no-cost access to contracted drug development services that are not typically available to the academic research community. Funding will be provided through a U01 cooperative agreement mechanism to conduct biological testing of compound analogs in disease assays and models in the investigator’s laboratory. No-cost drug development services will also be provided, including medicinal chemistry optimization, IND-directed pharmacology and toxicology, and Phase I clinical testing. Researchers in possession of disease assays and small molecule compounds that show promise for treating nervous system and psychiatric disorders, but that are not yet suitable for clinical testing, are strongly encouraged to apply. It is anticipated that funded projects will carry direct costs of up to $125K per year for in vitro and/or in vivo bioactivity screening for up to five years.

Pre-application for a Biomedical Technology Research Center (X02)
National Institutes of Health, National Center for Research Resources (NCRR)
Contact: Abraham Levy, 301/435-0755, levyabra@mail.nih.gov
Solicitation number: PAR-10-224
This FOA encourages pre-applications for national Biomedical Technology Research Centers (BTRCs). These Centers conduct research and development on new technology and new/improved instruments driven by the needs of basic, translational, and clinical researchers. This FOA will utilize the X02 grant mechanism and runs in parallel with an FOA of similar scientific scope, PAR-10-225, that describes full applications under the PAR-41 mechanism. Submitting an X02 pre-application is the first step when submitting a new BTRC application using the PAR-41 mechanism. Those applicants whose pre-applications are identified as being highly meritorious will be notified of the opportunity to submit full applications under PAR-10-225.

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.

5/18/2011  Agency Deadline

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-EY-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. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

5/19/2011  Application
9/19/2011  Application

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.

---

**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.

---

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

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

[Link](http://grants.nih.gov/grants/guide/pa-files/PAR-11-090.html)

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.

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)

[Link](http://grants.nih.gov/grants/guide/pa-files/PAR-10-119.html)

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 honors 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. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

5/25/2011 Application

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)

[Link](http://grants.nih.gov/grants/guide/pa-files/PAR-10-227.html)

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.
Resource Program Grants in Bioinformatics (P41)
National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)
Contact: James Coulombe, 301/451-1390, coulombel@mail.nih.gov
Solicitation number: PA-08-180
Resource Program Grants in Bioinformatics are solicited for supporting the continued operation, improvement, and dissemination of databases, digital information, or software tools that are unique, and of special importance to research using animal models of embryonic developmental processes. Applicants are strongly encouraged to consult with the Scientific/Research Contact listed in Section VII of the FOA to ensure that the proposed project reflects the objectives of the FOA and the programmatic interests of the NICHD. Budgets for direct costs of up to $1.75M per year and a project duration of up to five years may be requested for a maximum of $8.75M direct costs over a five-year project period.

Technology Development for High-Throughput Structural Biology Research (P01)
National Institutes of Health, National Institute of General Medical Sciences (NIGMS)
Contact: Peter Preusch, 301/594-1158, preuscp@nigms.nih.gov
Solicitation number: PAR-10-074
This FOA seeks grant applications that propose to develop novel technologies and methodologies underpinning high-throughput structural biology. Applications should focus on methods development to solve challenging proteins that are not currently amenable to high-throughput structural biology. These challenging proteins include, but are not limited to, membrane proteins, small protein complexes, and proteins from human and other higher eukaryotes. This FOA runs in parallel with one of identical scientific scope, PAR-10-073, that encourages applications under the R01 mechanism.

NIDA Program Project Grant Applications (P01)
National Institutes of Health, National Institute on Drug Abuse (NIDA)
http://grants.nih.gov/grants/guide/pa-files/PAR-10-244.html
Contact: Varies with research interest
Solicitation number: PAR-10-244
This FOA is to provide support for applications that propose broadly based investigative efforts with a well defined central focus or object to address critical issues in drug abuse and addiction involving neuroscience, behavior, prevention, treatment, epidemiology, etiology, health services, HIV/AIDS or other drug abuse-related research areas. There should be evidence that a program project grant is essential for the accomplishment of the research activities. Applicants may request support for up to five years.

NICHD Program Project Grant (P01)
National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)
Contact: Varies with research interest
Solicitation number: PAR-10-245
This FOA encourages innovative, multidisciplinary, interactive, and synergistic program project grant applications that propose to conduct research on reproductive, developmental, behavioral, social, and rehabilitative processes that determine the health or functioning of newborns, infants, children, adults, families, and populations. For new applications, the first-year cap is $750K direct costs, with a cumulative cap of $4M direct costs over a five-year period.
Support of NIGMS Program Project Grants (P01)

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


Contact: Ann Hagan, 301/451-6446, hagana@nigms.nih.gov

Solicitation number: PAR-10-266

This FOA encourages program project grant applications that propose to conduct research which aims to solve a significant biological problem, important for the mission of NIGMS, through a collaborative approach involving outstanding scientists who might not otherwise collaborate. The program project grant mechanism is designed to support research in which the funding of several interdependent projects as a group offers significant scientific advantages over support of these same projects as individual regular research grants. Budgets for direct costs of up to $1.3M per year and a project duration of up to five years may be requested for a maximum of $6.5M direct costs over a five-year period.

NHLBI Program Project Applications (P01)

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


Contact: Varies with research interest

Solicitation number: PAR-10-285

This FOA invites submission of investigator-initiated Program Project (P01) applications. The proposed programs may address scientific areas relevant to the NHLBI mission including the biology and diseases of the heart, blood vessels, lung, and blood; blood resources; and sleep disorders. Each P01 application 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. Applicants may request support for up to five years. Direct costs for new awards may be requested for up to $1.515M.


National Institutes of Health, National Center for Research Resources (NCRR)


Contact: John Harding, 301/435-0744, hardingj@mail.nih.gov

Solicitation number: PAR-10-289

This FOA encourages Resource Related Research Project grant applications (R24) aimed at developing, characterizing, or improving animal models of human diseases or improving diagnosis and control of diseases of laboratory animals. The animal models and related materials to be developed must address the research interests of two or more of the categorical NIH Institutes and Centers. The maximum project period is four years.

Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants (Parent T32)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-11-184

The NIH will award Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants (T32) to eligible institutions as the primary means of supporting predoctoral and postdoctoral research training to help ensure that a diverse and highly trained workforce is available to assume leadership roles related to the Nation’s biomedical, behavioral and clinical research agenda. The 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. Because of the differences in individual Institute and Center (IC) program requirements for this FOA, prospective applicants MUST consult the Table of IC-Specific Information, Requirements and Staff Contacts (http://grants.nih.gov/grants/guide/contacts/parent_T32.html), to make sure that their application is appropriate for one of the participating NIH ICs. Prior consultation with NIH staff is strongly encouraged.
Ruth L. Kirschstein National Research Service Award Short-Term Institutional Research Training Grants (Parent T35)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-11-185

The NIH will award Ruth L. Kirschstein National Research Service Award (NRSA) Short-Term Institutional Research Training Grants (T35) to eligible institutions to develop or enhance research training opportunities for predoctoral and postdoctoral level individuals interested in careers in biomedical, behavioral and clinical research. Many of the NIH Institutes and Centers (ICs) use this grant mechanism exclusively to support intensive, short-term research training experiences for students in health professional schools during the summer. In addition, the Short-Term Institutional Research Training Grant may be used to support other types of predoctoral and postdoctoral training in focused, often emerging scientific areas relevant to the mission of the funding IC. The proposed training must be in basic, behavioral or clinical research aspects of the health-related sciences. Because of the differences in IC program requirements for this FOA, prospective applicants MUST consult the Table of IC-Specific Information, Requirements and Staff Contacts (http://grants.nih.gov/grants/guide/contacts/parent_T35.html), to make sure that their application is appropriate for one of the participating NIH ICs. Prior consultation with NIH staff is strongly encouraged.

NIA Alzheimers Disease Genetics Data Warehouse (U24)

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


Contact: Marilyn Miller, 301/496-9350, millerm@nia.nih.gov

Solicitation number: PAR-11-175

NIA invites applications specific to infrastructure related to storage and analysis of primary and secondary data for the genetics of Alzheimer's Disease. This FOA addresses NIA's vital need for a central warehouse for the exchange of AD genetics and related data. The research resource should provide a large database of publicly available sequence and annotation data along with an integrated tool set for examining and comparing the genomes of affected and unaffected individuals, aligning sequence to genomes, and displaying and sharing users' own annotation data. Besides data storage and data processing, the Data Warehouse should provide effective mechanisms for data distribution. NIH intends to fund one award, corresponding to a total of $500K, over a maximum period of five years.

NINDS Program Project Grant (P01)

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


Contact: Alan Willard, 301/496-9248, aw135y@nih.gov

Solicitation number: PAR-11-172

This FOA enables submission of program project grant applications that propose to conduct innovative, interactive research to answer significant scientific questions that are important for the mission of NINDS, via a synergistic collaboration between outstanding scientists who might not otherwise collaborate. The program project grant mechanism is designed to support research in which the funding of several interdependent highly meritorious projects as a group offers significant scientific advantages over support of these same projects as individual research grants. The maximum project period for these awards is five years.
Understanding and Promoting Health Literacy (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-10-133
The ultimate goal of this FOA is to encourage empirical research on health literacy concepts, theory, and interventions as these relate to the DHS public health priorities. This FOA will utilize the R01 grant mechanism and runs in parallel with FOAs of identical scientific scope: PAR-10-134, which encourages applications under the R03 grant mechanism and PAR-10-135, which encourages applications under the R21 grant mechanism. The total project period may not exceed five years.

Alcohol Marketing and Youth Drinking (R01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Aaron White, 301/451-5943, whitea4@mail.nih.gov
Solicitation number: PA-11-015
This FOA encourages grant applications that propose to investigate the factors that mediate and moderate the impact of alcohol advertising and other alcohol promotions on youth drinking. The project period may not exceed five years.

Epidemiology and Prevention in Alcohol Research (R01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Marcia Scott, 301/402-6328, mscott@mail.nih.gov
Solicitation number: PA-11-016
This FOA encourages the submission of investigator-initiated research grant applications to support research investigating the epidemiology of alcohol use, alcohol-related harms, and alcohol use disorders and the prevention of underage drinking, alcohol-related harms, and alcohol use disorders. The maximum project period is five years.

Molecular Genetics of Drug Addiction and Related Co-Morbidities (R01)
National Institutes of Health, National Institute on Drug Abuse (NIDA)
Contact: Joni Rutter, 301/443-1887, jrutter@mail.nih.gov
Solicitation number: PA-11-026
This FOA encourages applications for research projects that identify and/or validate chromosomal loci and variations in genes that are associated with vulnerability to addiction and that inform the likelihood of responsiveness to treatment. Applications that propose to examine intermediate phenotypes or endophenotypes to assess the molecular genetics of drug addiction, addiction vulnerability and/or their associated co-morbidities and how they are related to drug addiction are especially encouraged. Also encouraged are genetic as well as computational and large-scale genomic approaches, which may include but are not limited to linkage, linkage disequilibrium, case-control or family-based studies, and integration of data from other databases that may supplement substance abuse genetics and genomics data.
The Development of Frontal Cortex and Limbic System and Their Roles in Drug Abuse (R01)

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


Contact: Da-Yu Wu, 301/443-1887, wudy@mail.nih.gov

Solicitation number: PA-11-027

This FOA encourages proposals to study the development of the frontal and prefrontal cortices, together with the subcortical areas of the limbic system, that play significant roles in mediating emotional and motivated behavior. This initiative is designed to support the basic neuroscience research into the fundamental mechanisms of development of the frontal and prefrontal cortices, as well as the midbrain and basal forebrain structures that mediate a number of functions related to drug abuse and psychiatric disorders including: the euphoric properties of drugs, actions of psychotherapeutic agents, and memory, cognitive and emotional functions. An additional major goal of this initiative is to understand how exposure to drugs of abuse affects the cellular and molecular mechanisms underlying nervous system development of circuits implicated in drug reward and addiction.

Continued Development and Maintenance of Software (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-11-028

The goal of this FOA is to support the continued development, maintenance, testing, and evaluation of existing software. The proposed work should apply best practices and proven methods for software design, construction, and implementation to extend the applicability of existing biomedical informatics/computational biology software to a broader biomedical research community.

Collaborative Studies on the Central Nervous System and Glycemia (R01)

National Institutes of Health, Cross-Institute


Contact: Merrill Mitler, 301/496-99614, mitlerm@ninds.nih.gov

Solicitation number: PAS-11-029

This FOA promotes new interdisciplinary collaborations by researchers in neuroscience and in diabetes/metabolism to further understanding of the mechanisms by which the Central Nervous System (CNS) controls glucose levels and the consequences to the CNS of derangements in these mechanisms. A maximum of $750K in first year direct costs is available. The total project period may not exceed five years.

Functional Genetics, Epigenetics, and Non-coding RNAs in Drug Addiction Functional (R01)

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


Contact: John Satterlee, 301/435-1020, satterleej@nida.nih.gov

Solicitation number: PA-11-033

This FOA encourages basic functional genomic research in two areas: 1) functional validation to determine which candidate genes/variants/epigenetic/non-coding RNA features have an authentic role in addictive processes, and 2) detailed elucidation of the molecular pathways and processes modulated by candidate genes/variants, particularly for those genes with an unanticipated role in addiction. The project period may not exceed five years. NIH prior approval is required for any application requesting $500K or more in direct costs for any year. This FOA will utilize the R01 mechanism and runs in parallel with FOAs of identical scientific scope, PA-11-034, that encourages applications under the R21 mechanism and PA-11-035 that encourages applications under the R03 mechanism.
Understanding and Treating Co-Morbid Conditions in Adolescents with Intellectual and Developmental Disabilities

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


Contact: Mary Lou Oster-Granite, 301/435-6866, mo96o@nih.gov

Solicitation number: PA-11-039

This FOA encourages research project grant applications that propose to focus research upon the factors that impact functioning and quality of life in individuals with intellectual and developmental disabilities (IDD) during adolescence. Budgets for direct costs of up to $500K per year may be requested for a maximum of $2.5M direct costs over a five-year project. The companion FOAs are PA-11-040, which solicits applications under the R03 mechanism, and PA-11-041, which solicits applications under the R21 mechanism.

Women and Sex & Gender Differences in Drug and Alcohol Abuse & Dependence (R01)

National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)


Contact: Varies with research interest

Solicitation number: PA-11-047

The purpose of this FOA is to advance research on male-female differences in drug and alcohol abuse and addiction and on factors specific to women. Both human and animal model studies are sought. The maximum project period is five years. This FOA runs in parallel with PA-11-048, which solicits applications under R21 Exploratory/Developmental Grant mechanism, and PA-11-049, which solicits applications under the R03 Small Grant Program mechanism.

Studies in Neonatal Hypoglycemia (R01)

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


Contact: Tonse Raju, 301/402-1872, rajut@mail.nih.gov

Solicitation number: PA-11-053

This FOA encourages applications to propose studies related to basic, applied, and translational research in neonatal hypoglycemia, which may lead to better monitoring and treatment strategies for altered neonatal glucose homeostasis. This FOA runs in parallel with FOAs of identical scientific scope, PA-11-054 and PA-11-055, that encourage applications under the R03 and R21 award mechanisms. Budgets for direct costs of up to $499,999 per year and project duration of up to five years may be requested.

Mechanisms of Adverse Drug Reactions in Children (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-11-051

This FOA encourages projects that enhance the state-of-the-science on the molecular and cellular, genetic and epigenetic mechanisms involved in the production of adverse drug reactions in children. The objective of this announcement includes research on the role of ontogeny and the characterization of pharmacogenetic and developmental variations of drug metabolizing enzymes (DMEs), transporters, ion channels, receptors and signaling pathways that are responsible for drug toxicity in the pediatric population. The maximum project period is five years. This FOA runs in parallel with PAR-11-052, which solicits applications under the R03 mechanism.
Developmental Pharmacology (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-11-057
This FOA encourages applications that propose to encourage multidisciplinary, investigator-initiated basic and translational research in developmental pharmacology with particular emphasis on the role of ontogeny on drug metabolizing enzymes, transporters, receptors and signaling pathways activity across developmental periods from fetal life to adolescence. Applications for an R01 award are limited to a total direct cost of $499,999 and may not exceed five years. This FOA runs in parallel with PAR-11-058, which solicits applications under the R03 Small Grant Program mechanism, and PAR-11-059, which solicits applications under the R21 Exploratory/Developmental Grant mechanism.

Research Into the Impact of Economic Fluctuations on Alcohol Consumption, Drinking Patterns, and Prevention
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Robert Freeman, 301/443-8820, rfreeman@mail.nih.gov
Solicitation number: PA-11-061
This FOA encourages applications that propose to investigate the impact of national or local economic fluctuations on alcohol consumption, alcohol drinking patterns, and the prevention and treatment of problem drinking. The maximum project period is five years. This FOA runs in parallel with PA-11-062, which solicits applications under the R21 mechanism.

Neuroimmune Mechanisms of Alcohol Related Disorders (R01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Changhui Cui, 301/443-1678, changhui.cui@nih.gov
Solicitation number: PA-11-064
This FOA encourages proposals to study the neuroimmune mechanisms of alcohol related disorders. Studies supported by this FOA will provide fundamental insights of neuroimmune mechanisms underlying brain functional and behavioral changes induced by alcohol. This FOA runs in parallel with PA-11-065, which solicits applications under the R21 mechanism.

Mitochondria in Cancer Epidemiology, Detection, Diagnosis and Prognosis (R01)
National Institutes of Health, National Cancer Institute (NCI)
Contact: Varies with research interest
Solicitation number: PA-11-073
This FOA encourages Research Project Grant (R01) applications that propose to develop and validate new mitochondrial-related biomarkers for cancer early detection, diagnosis, prognosis, risk assessment, and response to preventive and ameliorative treatments.
**Focal Cognitive Deficits in CNS Disorders (R01)**
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-11-067
The purpose of this FOA is to invite grant applications to expand basic and translational research, including intervention research, on the types, nature, and functional consequences of focal or specific cognitive deficits experienced by persons with central nervous system disorders. The Office of Behavioral and Social Sciences Research (OBSSR) joins this FOA as part of its efforts to promote research on the behavioral and social aspects of health and illness.

**Grants for Research in Glomerular Diseases (R01)**
National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
Contact: Marva Moxey-Mims, 301/594-7717, mm726k@nih.gov
Solicitation number: PA-10-113
NIDDK invites applications from new or established investigators to pursue exploratory investigations of glomerular disease, which would foster development of new ideas enhancing the understanding of disease detection, pathogenesis, pre-emption and/or treatment. Costs appropriate for the project and a project duration of up to five years may be requested.

**Research on Autism and Autism Spectrum Disorders (R01)**
National Institutes of Health, Cross-Institute
Contact: Lisa Gilotty, 301/443-3825, gilottyl@mail.nih.gov
Solicitation number: PA-10-158
This FOA encourages research grant applications to support research designed to elucidate the etiology, epidemiology, diagnosis, treatment, and optimal means of service delivery in relation to autism spectrum disorders. Basic, clinical, and applied studies are encouraged. This FOA runs in parallel with two FOAs of identical scientific scope, PA-10-159 and PA-10-160, which encourage applications under the R03 and R21 mechanisms, respectively.

**Development of Assays for High-Throughput Screening for Use in Probe and Pre-therapeutic Discovery (R01)**
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-10-213
This FOA encourages applications that propose the development of assays for high-throughput screening relevant to processes and diseases with the intent of using them to screen for small molecule compounds that show desired properties as probes for use in advancing knowledge about the relevant target, identifying new targets, or serving as pre-therapeutic leads. Assays should be relevant to the scope of the research for at least one of the sponsoring NIH Institutes.
Research on Alcohol-Related Public Policies (R01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Gregory Bloss, 301/443-3865, gbloss@mail.nih.gov
Solicitation number: PA-11-087
This FOA invites applications to conduct research on the effects of alcohol-related public policies on health, economic, and social behaviors and outcomes. The purpose of the FOA is to advance understanding of public policy pertaining to alcohol as a tool for improving public health and welfare. Research supported by this FOA includes, but is not necessarily limited to, studies examining the effects of alcohol-related public policies on health-related behaviors and outcomes, evaluations of public policies as tools for improving public health, and research to advance methods and measurement used in studying relationships between alcohol-related public policies and health-related behaviors and outcomes. This FOA runs in parallel with PA-11-088, which solicits applications under the R03 mechanism, and PA-11-089, which solicits applications under the R21 mechanism.

Reducing Health Disparities Among Minority and Underserved Children (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-11-104
This FOA solicits applications that propose to conduct research to reduce health disparities among minority and underserved children. Specifically, this initiative focuses on ethnic and racial minority children and underserved populations of children. Specific targeted areas of research include biobehavioral studies that incorporate multiple factors that influence child health disparities such as biological, lifestyle factors, environmental, social, economic, institutional, and cultural and family influences; studies that target the specific health promotion needs of children with a known illness and/or disability; and studies that test and evaluate the comparative effectiveness of health promotion interventions conducted in traditional and nontraditional settings. The maximum project period is five years. The companion FOA is PA-11-105, which solicits applications under the R21 mechanism.

Ancillary Studies to the NIDDK Intestinal Stem Cell Consortium (R01)
National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
Contact: Jill Carrington, 301/402-0671, carringj@mail.nih.gov
Solicitation number: PAR-11-107
This FOA is to encourage applications to conduct ancillary studies to the NIDDK Intestinal Stem Cell Consortium (ISCC). Studies will make use of consortium collaborations, techniques, and resources to accelerate research into intestinal stem cells. The proposed ancillary study must be designed to advance the scientific research mission of the NIDDK by focusing on diseases and areas of interest to the Institute and commensurate with the interests and intent of the ISCC. The maximum period is five years.

Ribosomal Disorders and Their Role in Inherited Bone Marrow Failure Syndromes (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-11-121
This FOA encourages applications that propose collaborative research projects by multi-disciplinary teams to advance our understanding of molecular and cellular mechanisms underlying ribosomal dysfunction. These research areas include effects on hematopoiesis and their role in bone marrow failure syndromes. Multi-disciplinary expertise across basic and clinical components is encouraged. Applicants are encouraged to integrate ribosomal biology with bone marrow failure to develop and characterize models of ribosomopathies. The maximum project period is five years.
Family and Interpersonal Relationships in an Aging Context (R01)
National Institutes of Health, National Institute on Aging (NIA)
Contact: Erica Spotts, 301/496-3136, spottse@mail.nih.gov
Solicitation number: PA-11-128
This FOA invites researchers to submit R01 research grant applications on aging and the family. The objective of this research program is to expand understanding of the role of families and interpersonal relationships in the health and wellbeing of older people. This will be accomplished through increasing scientific knowledge on the effects of family and interpersonal relationships on behavioral and social processes of relevance to aging; and on how these processes change over the life course and across cohorts. A broad range of methods and approaches are encouraged. The maximum project period is five years.

The Central Processing of Taste Information (R01)
National Institutes of Health, National Institute on Deafness and Other Communication Disorders (NIDCD)
Contact: Barry Davis, 301/402-3464, davisb1@nidcd.nih.gov
Solicitation number: PA-10-201
This FOA supports research studying the role of the central nervous system in the processing of taste information and the perception of taste quality. The purpose of this FOA is to foster basic and clinical research on the central mechanisms underlying the perception of taste quality. The NIDCD encourages applications from investigators who are conducting research outside the field of gustation and who are using methodological approaches that have not been typically applied to but which would greatly promote scientific progress within the field.

Biology of Manual Therapies (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-10-209
This FOA encourages research grant applications that propose to investigate the basic science and mechanisms of action underlying the biomechanical, immunological, endocrinological or neurophysiological consequences of manual therapies, such as spinal manipulation, mobilization and massage therapy. This FOA will utilize the R01 grant mechanism and runs in parallel with a FOA of identical scientific scope, PA-10-210, that encourages applications under the R21 mechanism.

Economics of Retirement (R01)
National Institutes of Health, National Institute on Aging (NIA)
Contact: John Phillips, 301/496-3138, John.Phillips@nih.gov
Solicitation number: PA-11-138
This FOA encourages research on the economic and health-related factors that influence older persons’ choices on labor force participation as they near typical retirement age and throughout the later stages of life. Awards can be submitted for a maximum of five years. This FOA runs in parallel with PA-11-139, which solicits applications under the R03 Small Grant Program mechanism, and PA-11-140, which solicits applications under the R21 Exploratory Developmental Grant mechanism.
Nanoscience and Nanotechnology in Biology and Medicine (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-11-148
This FOA encourages applications that apply nanoscience and nanotechnology approaches to address problems in biology and medicine. The purpose of this FOA is to provide support for cutting-edge nanoscience and nanotechnology research that can lead to biomedical breakthroughs and new investigations into the diagnosis, treatment, and management of an array of diseases and traumatic injuries. This FOA will also support research projects that develop new or improved nanotechnology and nanoscience-based tools, methods, concepts, and devices that lead to a better understanding of basic biology in addition to conducting translational biomedical studies. The maximum project period is five years. This FOA runs in parallel with PA-11-149, which solicits applications under the R21 Exploratory/Developmental Grant mechanism.

High-Throughput-Enabled Structural Biology Research (U01)
National Institutes of Health, National Institute of General Medical Sciences (NIGMS)
Contact: Ward Smith, 301/594-1158, smithwar@nigms.nih.gov
Solicitation number: PAR-10-214
This FOA encourages applications to establish partnerships between researchers interested in a biological problem of significant scope and researchers providing high-throughput structure determination capabilities through the NIGMS PSI:Biology network. Awardee principal investigators will become part of the PSI:Biology Network Steering Committee and will work jointly with other investigators and NIH staff to manage the overall PSI:Biology initiative. The expected budget range is from $250K to $1.5M direct costs per year per year for project periods of two to five years.

Structural Biology of Membrane Proteins (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-10-228
This FOA encourages grant applications that propose to develop research and methods to enhance the rate of membrane protein structure determination and to determine specific membrane protein structures. Innovative methods for expression, oligomerization, solubilization, stabilization, purification, characterization, crystallization, isotopic labeling, and structure determination of unique and biologically significant membrane proteins by x-ray diffraction, nuclear magnetic resonance (NMR), electron microscopy, mass spectrometry, and other biophysical techniques are encouraged.

Technology Development for Protein Modeling (R01)
National Institutes of Health, National Institute of General Medical Sciences (NIGMS)
Contact: Ward Smith, 301/443-9375, smithwar@nigms.nih.gov
Solicitation number: PAR-10-076
This FOA encourages grant applications that propose to develop novel technologies that will significantly improve the accuracy of comparative modeling methods for protein structure prediction. The two main goals of this FOA are to increase the quality of protein structure models to a level comparable to high-resolution X-ray crystal structures when known structures are available with 30% sequence identity to the modeling targets, and to increase model quality to 2 Angstroms RMSD or better when known structures are available with as low as 10% identity to the targets. The maximum project period allowable is five years.
Development, Application, and Evaluation of Prediction Models for Cancer Risk and Prognosis (R01)

National Institutes of Health, National Cancer Institute (NCI)
Contact: Varies with research interest
Solicitation number: PA-10-025
This FOA encourages research applications from clinicians, epidemiologists, geneticists, statisticians, and translational researchers working in the field of cancer control and prevention to improve existing models for cancer risk and prognosis by developing innovative research projects that use existing data, developing new models for cancer risk and prognosis, and validating new models and evaluating their utility in research and clinic settings. Investigators should address two major challenges in model development: integrating diverse types of data; and ensuring adequate validation. This FOA runs in parallel with one of identical scientific scope, PA-10-026, that encourages applications under the R21 mechanism.

Bioengineering Research Partnerships (BRP)

National Institutes of Health, Cross-Institute
Contact: Richard Conroy, 301/402-1486, conroyri@mail.nih.gov
Solicitation number: PAR-10-234
This FOA invites applications for R01 awards to support Bioengineering Research Partnerships (BRPs) for basic, applied, and translational multi-disciplinary research that addresses important biological, clinical or biomedical research problems. The partnership must include appropriate bioengineering or allied quantitative sciences in combination with biomedical and/or clinical components. BRPs may propose design-directed, developmental, discovery-driven, or hypothesis-driven research. It is expected that a BRP will have a well-defined goal or deliverable that will be achieved in a 5-10 year timeframe based on objective milestones specified in the initial application.

Health Promotion Among Racial and Ethnic Minority Males (R01)

National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-10-236
This FOA encourages research on the health of minority men. Specifically, this initiative is intended to: enhance our understanding of the factors influencing the health promoting behaviors of racial and ethnic minority males and their subpopulations across the life cycle, and encourage applications focusing on the development and testing of culturally and linguistically appropriate health-promoting interventions designed to reduce health disparities among racially and ethnically diverse males and their subpopulations age 21 and older. This FOA will utilize the R01 grant mechanism and runs in parallel with a FOA of identical scientific scope, PA-10-237, that encourages applications under the R21 mechanism.

Strategies for Treatment of Young Adults with Alcohol Use Disorders (R01)

National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Margaret Mattson, 301/443-0638, mmattson@mail.nih.gov
Solicitation number: PAS-10-246
This FOA invites applications to support new research on the treatment of young adults with alcohol use disorders. Despite having the highest prevalence of drinking, interventions for this group have been understudied. Gaps exist in understanding how to effectively engage this group in treatment, which treatments are the most effective, and how to maintain treatment gains in the longer term after treatment. This FOA will utilize the R01 grant mechanism and runs in parallel with two FOAs of identical scientific scope, PAS-10-247, that encourages applications under the R03 mechanism and PAS-10-248, that encourages applications under the R21 mechanism.
Treatment of Co-Occurring Alcohol Use Disorders and Depression Anxiety Disorders (R01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Deidra Roach, 301/443-5820, droach@mail.nih.gov
Solicitation number: PAS-10-251
This FOA supports research on the treatment of individuals with co-occurring alcohol use disorders and depression or anxiety. The scope of interest includes innovative pharmacological and behavioral treatments based on biological, psychological, behavioral, and social/cultural models of etiology and treatment of comorbid alcohol use disorders and depression or anxiety. In addition, this FOA accepts Comparative and Effectiveness Research applications which compare two or more different existing treatments in this comorbid population. This FOA will utilize the R01 grant mechanism and runs in parallel with a FOA of identical scientific scope, PAS-10-252, that encourages applications under the R21 mechanism.

Structural Interventions, Alcohol Use, and Risk of HIV AIDS (R01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Robert Freeman, 301/443-8820, rfreeman@mail.nih.gov
Solicitation number: PA-10-242
This FOA encourages research grant applications that propose to investigate the effectiveness of structural interventions that reduce the risk of HIV/AIDS transmission by changing the environment of alcohol use. This FOA will utilize the R01 grant mechanism and runs in parallel with a FOA of identical scientific scope, PA-10-243, that encourages applications under the R21 grant mechanism.

Behavioral Regulation Mechanisms of Alcohol Dependence and Related Phenotypes (R01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Ivana Grakalic, 301/443-7600, igrakalic@mail.nih.gov
Solicitation number: PA-10-255
This FOA encourages proposals to examine the mechanisms of behavioral regulation contributing to the behavioral characteristics of alcohol dependence. This FOA will utilize the Research Project Grant (R01) award mechanism and runs in parallel with a FOA of identical scientific scope, PA-10-256, that encourages applications under the R21 mechanism. Applicants for an R01 award are not limited in dollars but need to reflect the actual needs of the proposed project. The maximum project period is five years.

Neurobiology of Migraine (R01)
National Institutes of Health, Cross-Institute
Contact: Linda Porter, 301/496-9964, porter@ninds.nih.gov
Solicitation number: PA-10-258
This FOA encourages grant applications for innovative research that will expand our current knowledge of neurobiological mechanisms underlying migraine headache, examine the role of neuromodulators, genetic and environmental influences in migraine susceptibility, and explore new targets for therapy development. This FOA will utilize the NIH Research Project Grant (R01) award mechanism and runs in parallel with a FOA of identical scientific scope, PA-10-259, that encourages applications under the NIH Exploratory/Developmental (R21) mechanism. It is expected that most applications will stay within the budgetary guidelines for a modular grant limited to $250K annual direct cost. Applicants may request support for up to five years.
Biomarkers of Infection-Associated Cancers (R01)

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

Contact: Varies with research interest

Solicitation number: PA-11-158

This FOA encourages the submission of Research Project Grant (R01) applications that propose to identify biomarkers for cancers where the etiology of the disease is attributed to infectious agents. Proposed studies should apply high-throughput molecular profiling technologies so that disease-specific markers and/or profiles can be recognized and used to identify infected individuals in whom infected cells are progressing into cancer to distinguish high-risk populations. The maximum project period is five years.

High-Throughput-Enabled Structural Biology Partnerships (U01)

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

Contact: Ward Smith, 301/443-9375, smithwar@nigms.nih.gov

Solicitation number: PAR-11-176

This FOA encourages applications to establish partnerships between researchers interested in a biological problem of significant scope and researchers providing high-throughput structure determination capabilities through the NIGMS PSI:Biology network. Applicants to this FOA should propose work to solve a substantial biological problem for which the determination of many protein structures is necessary. The proteins should be amenable to high-throughput structure determination and/or should provide suitable targets to motivate new technology development. Awardee principal investigators will become part of the PSI:Biology Network Steering Committee and will work jointly with other investigators and NIH staff to manage the overall PSI:Biology initiative. The expected budget range is from $250K to $1.5M direct costs per year for project periods of two to four years.

Research on Ethical Issues in Biomedical, Social and Behavioral Research (R01)

National Institutes of Health, Cross-Institute

Contact: Varies with research interest

Solicitation number: PA-11-180

The purpose of this FOA is to support investigator-initiated Research Project Grant (R01) applications that propose to study high priority bioethical challenges and issues associated with the types of biomedical, social, and behavioral research supported by the participating NIH Institutes/Centers. Only participating ICs will provide direct grant support under this FOA. The maximum project period is five years. This FOA runs in parallel with PA-11-181, which solicits applications under the R03 Small Grant mechanism, and PA-11-182, which solicits applications under the R21 Exploratory/Developmental Grant mechanism.
Circadian Rhythms and Alcohol-induced Tissue Injury (R01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Q. Max Guo, 301/443-0639, Max.Guo@nih.gov
Solicitation number: PA-11-178
This FOA encourages applications that propose to conduct mechanistic studies of the circadian rhythms involved in alcohol-induced organ damage. The objective of this FOA is to understand the molecular mechanisms of alcohol-induced tissue damage that involve central and peripheral circadian rhythms, particularly their connection with metabolism and metabolic disorders. The project period ranges from one to five years. This FOA runs in parallel with PA-11-179, which solicits applications under the R21 mechanism.

Enhancing Tumoricidal Activity of Natural Killer (NK) Cells by Dietary Components for Cancer Prevention (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-11-160
This FOA is designed to stimulate research efforts aimed at establishing the physiological significance of dietary components in modulating the tumoricidal cell activity of natural killer (NK) cells for cancer prevention. The maximum project period is five years. This FOA runs in parallel with PA-11-161, which solicits applications under the R21 Exploratory/Developmental Grant mechanism.

The Effect of Racial and Ethnic Discrimination & Bias on Health Care Delivery (R01)
National Institutes of Health, National Cancer Institute (NCI), National Heart, Lung, and Blood Institute (NHLBI)
Contact: Varies with research interest
Solicitation number: PA-11-162
This FOA encourages the submission of research project grant applications that propose to: 1) improve the measurement of racial/ethnic discrimination in health care delivery systems through improved instrumentation, data collection, and statistical/analytical techniques; 2) to enhance understanding of the influence of racial/ethnic discrimination in health care delivery and its association with disparities in disease incidence, treatment, and outcomes among disadvantaged racial/ethnic minority groups: and 3) to reduce the prevalence of racial/ethnic health disparities through the development of interventions to reduce the influence of racial/ethnic discrimination on health care delivery systems in the U.S. This FOA runs in parallel with PA-11-163, which solicits applications under the R21 mechanism, and PA-11-164, which solicits applications under the R03 mechanism.
**NLM Express Research Grants in Biomedical Informatics (R01)**

National Institutes of Health


Contact: Varies with research interest

Solicitation number: PAR-08-080

The National Library of Medicine (NLM) offers support for basic and applied research in biomedical informatics and bioinformatics. The scope of NLMs interest in the research domain of informatics is interdisciplinary, encompassing basic informatics problem areas in the application domains of health care and health administration, public health, basic biomedical research, clinical translational research and health information management in disasters. Thus, in most instances, informatics projects of interest to NLM involve the application of computer and information sciences to information problems in a biomedical domain. The NLM Express Research Grant has a limit of $250K per year in direct costs.

**Nutrition and Diet in the Causation, Prevention, and Management of Heart Failure (R01)**

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


Contact: Varies with research interest

Solicitation number: PA-11-165

This FOA encourages submission of research applications on the role of nutrition and diet in the causation, prevention, and treatment of cardiomyopathies and heart failure. Mechanistic, translational, and applied interdisciplinary research applications with rigorous hypothesis-testing designs for projects in humans or animals are of interest. The overall goal is to develop a satisfactory science base for rational nutritional management of patients in various stages of heart failure and for preventive approaches in high-risk individuals. The maximum project period is five years. This FOA runs in parallel with PA-11-166, which solicits applications under the R21 Research Project Grant mechanism.

**Secondary Analyses of Social and Behavioral Datasets in Aging (R03)**

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


Contact: Partha Bhattacharyya, 301/496-3131, bhattacharyyap@mail.nih.gov

Solicitation number: PA-10-139

This FOA is seeking small grant (R03) applications to conduct secondary analysis of social and behavioral data in aging. Specifically, NIA seeks applicants to: stimulate and facilitate secondary analysis of data related to dynamics of health and disability, cognition, psychosocial and sociodemographic factors, genetics, and biomarkers, long term care, caregiving, behavioral medicine, retirement, economic status; provide support for preliminary projects using secondary analysis that could lead to subsequent applications for other research grants; provide support for analyses of new databases and experimental modules for purposes such as informing the design and content of future study waves; and provide support for pilot research on under-utilized databases. Budgets may be requested for a maximum of $100K direct costs over a two-year time period.

**Small Grants on Primary Immunodeficiency Diseases (R03)**

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-10-147

The purpose of this FOA is to support small grants in primary immunodeficiency diseases focusing on ex vivo studies with human specimens and on studies with current or new animal models, including novel clinical strategies for detecting, identifying the molecular basis of, or developing innovative therapies for primary immunodeficiency diseases. This FOA runs in parallel with a FOA of identical scientific scope, PAS-10-148, that encourages applications under the R21 mechanism. Budgets of up to $50K direct costs per year for up to two years may be requested.
Exploratory Cancer Prevention Studies Involving Molecular Targets for Bioactive Food Components (R21)

National Institutes of Health, National Cancer Institute (NCI)
Contact: Young Kim, 301/496-0126, yk47s@nih.gov
Solicitation number: PA-10-088
This FOA encourages exploratory research on the role of nutrition in cancer prevention. Specifically, this FOA seeks to promote cancer prevention research to identify and characterize molecular targets for bioactive food components. Direct costs are limited to $275K over a two-year period.

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.

Small Research Grants for Data Analysis and Statistical Methodology Applied to Genome-wide Data (R03)

National Institutes of Health, National Institute of Dental and Craniofacial Research (NIDCR)
Contact: Emily Harris, 301/594-4846, emily.harris@nih.gov
Solicitation number: PAR-10-041
This FOA will support meritorious research projects that involve secondary data analyses or development of statistical methodology using existing genome-wide data, relevant to human dental or craniofacial conditions or traits. Development of statistical methodology appropriate for analyzing genome-wide data, relevant to human dental or craniofacial conditions or traits, may also be proposed. Budgets for a maximum of $300K direct costs over a two-year period may be requested.

Proteomics in Auditory Developmental and Disease Processes (R21)

National Institutes of Health, National Institute on Deafness and Other Communication Disorders (NIDCD)
Contact: Nancy Freeman, 301/402-3458, freeman@mail.nih.gov
Solicitation number: PA-10-078
This FOA encourages research applications that focus on Proteomics in Auditory Developmental and Disease Processes. This FOA will use the NIH Exploratory/Developmental (R21) grant mechanism and runs in parallel with a FOA of identical scientific scope that uses the R01 mechanism, PA-09-228.
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.

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.
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.
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.

Assembling, Visualizing, and Analyzing the Tree of Life (AVAToL)
National Science Foundation, Cross-Directorate
Contact: BIO-AVAToL@nsf.gov
Solicitation number: NSF 11-534
This activity supports novel and transformative approaches to the development of an integrated and robust tree of life, as well as visualization and analysis on a dynamic tree of life. The goal of this activity is to identify opportunities for investment to significantly advance the state-of-the-art in tree construction, visualization, and analysis across the tree of life. Participants selected will engage in an intensive five-day residential workshop to generate project ideas through an innovative, real-time review process. New multidisciplinary teams will form during this workshop to engage in creative problem solving directed at outstanding problems concerning the tree of life. Multidisciplinary integrative approaches calling for communication and interaction among diverse scientists are key to the success of the approach. Two to six awards will be made.

Chemistry and Materials Research in Cultural Heritage Science (CHS)
National Science Foundation, Mathematical and Physical Sciences (MPS)
Contact: Varies with research interest
Solicitation number: NSF 11-528
This program solicits collaborative proposals between researchers in museums and academic institutions that aim to: a) develop new and improved analytical techniques and instruments with high sensitivity and spatial resolution (large and small scale) for restricted volume and/or standoff detection of component materials, degradation products and deterioration markers that are suitable for non-destructive analysis of cultural heritage objects; b) study dynamic changes leading to degradation of cultural heritage objects; c) design new multi-functional treatment materials for cultural heritage objects; d) develop new theoretical models to predict dynamic processes in cultural heritage objects that lead to their degradation while taking into account their molecular and materials properties and their surface and bulk interactions with environmental perimeters. Each anticipated three-year award will total approximately $420K including direct and indirect costs.
Innovative Technology Experiences for Students and Teachers (ITEST)
National Science Foundation, Education and Human Resources (EHR)
Contact: 703/292-8628, DRLITEST@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.

Metabolomics for a Low Carbon Society (METABOLOMICS) - A Joint NSF-JST Program
National Science Foundation, Biological Sciences (BIO)
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.

Cyberlearning Transforming Education
National Science Foundation, Cross-Directorates
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.

Domestic Nuclear Detection Office-NSF Academic Research Initiative (ARI)
National Science Foundation, Cross-Directorates
Contact: Varies with research interest
Solicitation number: NSF 11-530

This program seeks novel cross-cutting research that will enable the nation’s ability to prevent and to respond to nuclear or radiological threats. This year’s solicitation topics will encompass two broad areas. First are investigations in new technologies, concepts or approaches to enhance the Global Nuclear Detection Architecture (GNDA) that in turn will lead to improved capabilities for the detection and interdiction of nuclear or radiological threat materials or devices. Second are investigations to aid in the effective response and recovery from nuclear or radiological events at the local, state and Federal level, to include investigations in nuclear forensics. Seven to eight awards will be made, each not to exceed $400K annually for a maximum duration of five years.
Research Coordination Networks (RCN)
National Science Foundation, Cross-Directorate
Contact: Varies with research interest:
Solicitation number: NSF 11-531
The goal of the RCN program is to advance a field or create new directions in research or education. Groups of investigators will be supported to communicate and coordinate their research, training and educational activities across disciplinary, organizational, geographic and international boundaries. Participating core programs in Biological Sciences (BIO), Geosciences (GEO), Social, Behavioral and Economic Sciences (SBE), Cyberinfrastructure (OCI), and Polar Programs (OPP) will accept general RCN proposals. Additional targeted tracks within the RCN programs are intended to foster linkages across directorates. The Science, Engineering and Education for Sustainability (RCN-SEES) track focuses on interdisciplinary topics that will advance sustainability science, engineering and education as an integrative approach to the challenges of adapting to environmental, social and cultural changes associated with growth and development of human populations, and attaining a sustainable energy future. The Undergraduate Biology Education (RCN-UBE) track could focus on any topic likely to lead to improved participation, learning, or assessment in undergraduate biology curricula. Individual awards for the general RCN and RCN-UBE may be up to $500K over a duration of five years. RCN-SEES awards may be up to $750K over a duration of 5 years. General (non-targeted) RCN proposals should be submitted to a participating program in BIO, GEO, SBE, OCI or OPP. Refer to the specific program website for submission dates. PIs are encouraged to discuss suitability of an RCN topic with the program.

Transforming Undergraduate Education in Science, Technology, Engineering and Mathematics (TUES)
National Science Foundation, Education and Human Resources (EHR)
Contact: Varies with research interest:
Solicitation number: NSF 10-544
The TUES program seeks to improve the quality of STEM education for all undergraduate students by funding projects that create, adapt, and disseminate new learning materials and teaching strategies. The program is accepting proposals for awards at three levels of support, designated Type 1, Type 2, and Type 3, as well as for awards that support the work of the program itself. The types reflect a combination of the scale, scope, and stage of the proposed work. The budgets for Type 1, Type 2, Type 3, and TUES Central Resource projects are not to exceed $200K for two to three years, $600K for two to four years, $5M over five years, and $3M respectively.

Hydrologic Sciences
National Science Foundation, Geosciences (GEO)
Contact: Thomas Torgersen, 703/292-8549, ttorgers@nsf.gov
Solicitation number: NSF 09-538
Hydrologic Sciences focuses on the flow of water and transport processes within streams, soils, and aquifers. Particular attention is given to spatial and temporal heterogeneity of fluxes and storages of water, particles, and chemicals coupling across interfaces with the landscape, microbial communities, and coastal environments to upscaling and downscaling given these heterogeneities and interfaces and how these processes are altered by climate and land use changes.
### Geophysics

National Science Foundation, Geosciences (GEO)


Contact: Robin Reichlin, 703/292-8556, reichli@nsf.gov

Solicitation number: NSF 09-539

The Geophysics program supports basic research in the physics of the solid earth to explore its composition, structure, and processes. Laboratory, field, theoretical, and computational studies are supported. Topics include seismicity, seismic wave propagation, and the nature and occurrence of earthquakes; the earth’s magnetic, gravity, and electrical fields; the earth’s thermal structure; and geodynamics. Supported research also includes geophysical studies of active deformation, including geodesy, and studies of the properties and behavior of earth materials in support of geophysical observation and theory.

### Antarctic Research

National Science Foundation


Contact: Varies with research interest

Solicitation number: NSF 11-532

The goals of this program are to expand fundamental knowledge of the region, to foster research on global and regional problems of current scientific importance, and to use Antarctica as a platform from which to support research. The program provides support for fieldwork only when a compelling justification exists for doing the work in Antarctica. The research areas are: Astrophysics and Geospace Science; Organisms and Ecosystems; Earth Sciences; Ocean and Atmosphere Sciences; Glaciology; and Integrated System Science. It is expected that 50 grants with an average duration of two to four years will be awarded.

### Nuclear Regulatory Commission (NRC)

#### Research Conference Grant and Cooperative Agreement Program

Nuclear Regulatory Commission

http://www.grants.gov/search/search.do?mode=VIEW&oppId=52881

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.

#### Office of Nuclear Regulatory Research Announcement of Opportunity

Nuclear Regulatory Commission

http://www.grants.gov/search/search.do?oppId=57252&mode=VIEW

Contact: Robin Barnes, 301/251-7401, Robin.Barnes1@nrc.gov

Solicitation number: RGR-FN-0910-RES

The Office of Nuclear Regulatory Research (RES) furthers the agency’s regulatory mission by providing technical advice, technical tools and information for identifying and resolving safety issues, making regulatory decisions, and promulgating regulations and guidance. RES will consider applications that propose to conduct independent experiments and analyses, develop technical bases for supporting realistic safety decisions by the agency, and evaluate safety issues involving current and new designs and technologies. The maximum award period is five years. Award amounts in prior years ranged from $25K to $225K.

### Private/Nonprofit Agencies
Surdna Foundation Grants
Surdna Foundation
http://www.surdna.org/what-we-fund/funding-overview.html
Contact: 212/557-0010, questionals@surdna.org
Solicitation number:
The Surdna Foundation fosters just and sustainable communities by making grants in the areas of: Sustainable Environments, with the goal of creating just and sustainable communities where consumption and conservation are balanced and innovative solutions to environmental problems improve people’s lives; Strong Local Economies, with the objective of providing early support for communities that seek to increase access to opportunity for all residents to build their wealth in a sustainable manner; and Thriving Cultures, with the purpose of strengthening both individual and institutional cultural assets, contributing to vibrant communities. Organizations are eligible for a maximum of three consecutive years of funding. 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.

Smith Richardson Foundation Grants
Smith Richardson Foundation
http://www.srf.org/grants/guideline.php
Contact: Varies with research interest
Solicitation number:
The two principal grant-making programs are: the International Security and Foreign Policy Program, with the objective of assisting the U.S. policy community in developing effective national security strategies and foreign policies, and the Domestic Public Policy Program, which supports projects that will help the public and policy makers understand and address critical challenges facing the United States. Requests for grants of $50K or less are reviewed on an ongoing basis. Requests for grants greater than $50K and for multi-year grant support are made at regular board meetings. 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.

Collaborative Linkage Grant (SPS CLG)
North Atlantic Treaty Organization (NATO)
http://www.nato.int/science/nato_funded_activities/grant_mechanisms/clg-nfa.htm
Contact: Varies with research interest name
Solicitation number:
CLGs offer assistance to teams to collaborate on research projects. The collaboration must be between scientists in NATO countries and those in eligible Partner or Mediterranean Dialogue countries. The grants support travel and living expenses of investigators for short visits to partner institutions abroad. Support for CLGs ranges from funding for two or three scientists to visit one another’s laboratories over a period of one year, to a maximum of five research teams involving a maximum of five people per team to collaborate over a two-year period. Amounts awarded are normally between €5K for one year of collaboration for two or three scientists, or a maximum of €23K for two years’ collaboration for five research teams.

Major Grants
Spencer Foundation
http://www.spencer.org/content.cfm/how-to-apply-to-areas-of-inquiry
Contact: Annie Brinkman, 312/274-6511, abrinkman@spencer.org
Solicitation number:
The Foundation is committed to supporting high-quality investigation of education. The Foundation makes grants in four specific areas of inquiry: Education and Social Opportunity; Organizational Learning; Teaching, Learning, and Instructional Resources; and Purposes and Values of Education. In addition to these defined areas, the Foundation will continue to accept Field-Initiated Proposals. Major Grants have a budget of over $40K. 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.
Asia Responsive Grants
Henry Luce Foundation
http://www.hluce.org/asiarespongrant.aspx
Contact: 212/489-7700, hilf1@hluce.org
Solicitation number:
These grants provide opportunities to improve understanding between the United States and the Asia-Pacific region. They typically support research, create new scholarly and public resources, or promote the exchange of ideas and information between Americans and Asians. These grants are limited to work in the humanities and social sciences concerned with Northeast and Southeast Asia, typically for longer-term programs or projects that respond to the needs and priorities of the Asian studies field and benefit a wide range of scholars and institutions. Requests for funding may be submitted at any time during the year, beginning with a brief letter of inquiry. 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.

PepsiCo Grants
PepsiCo
http://www.pepsico.com/Purpose/PepsiCo-Contributions/Grants.html
Contact: 914/253-2000
Solicitation number:
PepsiCo is committed to advancing objectives related to education, health and wellness, diversity and inclusion, and thought leadership. In advancing these objectives, PepsiCo provides support to approved organizations on an equal-access basis. Applicants seeking a grant for less than $100K must first submit a brief Letter of Interest. Requests are evaluated on a rolling basis.

Visual Arts Grants
The Elizabeth Greenshields Foundation
http://www.elizabethgreenshieldsfoundation.org/main.html
Contact: 514/937-9225, greenshields@bellnet.ca
Solicitation number:
The purpose of the Foundation is to aid artists in the early stages of their careers. Awards are limited to candidates working in the following: painting, drawing, printmaking, and sculpture. Applicants must have started or completed art school training or must demonstrate, through past work and future plans, a commitment to making art a lifetime career. Funds may be used for any art-related purpose: study, travel, studio-rental, purchase of materials, etc. The award amount is $12.5K CDN. Applications are accepted on an ongoing basis. 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.

Mellon Foundation Grants
The Andrew W. Mellon Foundation
http://www.mellon.org/grant_programs/programs
Contact: Varies with research interest
Solicitation number:
The Foundation supports grantees within five defined program areas: Higher Education and Scholarship; Scholarly Communications and Information Technology; Museums and Art Conservation; Performing Arts; and Conservation and the Environment. The Foundation is committed to identifying the best ideas, and the ablest intellectual leaders in its areas of interest, as well as making certain that the leaders of the institutions that it supports are both exceptional and fully behind the proposed work. Funding varies with project scope and interested researchers are asked to submit letters of inquiry to the appropriate program. 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.
Ongoing

**National Geographic Society Waitt Grants**
National Geographic Society
Contact: waitt@ngs.org
Solicitation number:
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.

---

Ongoing

**Committee for Research and Exploration Grant**
National Geographic Society
http://www.nationalgeographic.com/field/grants-programs/cre-application/
Contact: cre@ngs.org
Solicitation number:
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.

---

Ongoing

**FSSS Grants-in-Aid Program**
The Foundation for the Scientific Study of Sexuality (FSSS)
http://www.fsssonline.org/GIA.htm
Contact: aletk001@umn.edu
Solicitation number:
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.

---

Ongoing

**Pardee Foundation Grants**
Elsa U. Pardee Foundation
http://www.pardeefoundation.org/grants.aspx
Contact: 989/832-3691, info@pardeefoundation.org
Solicitation number:
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. 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.
Ongoing

**Waitt Foundation Grants**

Waitt Foundation

[http://waittfoundation.org/grant-guidelines](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. 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.

Ongoing

**Michelson Grants in Reproductive Biology**

Found Animals Foundation

[http://michelson.foundanimals.org/michelson-grants](http://michelson.foundanimals.org/michelson-grants)

Contact: MichelsonPrize@foundanimals.org

Solicitation number:

Multiple multi-year grants are available for research in pursuit of non-surgical sterilization products or technologies for use on dogs and cats. Investigators are required to submit a brief letter of intent containing: a proposed approach for developing a single dose non-surgical sterilant; the rationale for proposing this approach; and an overview of required research. Budget estimates are not required in letters of intent. If the letter of intent is approved, investigators will be invited to submit a full grant application. Up to $50M in grant funding is available.

Ongoing

**Energy Foundation Grants**

The Energy Foundation

[http://www.ef.org/app_guidelines.cfm](http://www.ef.org/app_guidelines.cfm)

Contact: 415/561-6700, energyfund@ef.org

Solicitation number:

The Energy Foundation awards grants and takes direct initiatives in the electric power, buildings, transportation, and climate sectors in the United States. PIs are encouraged to write a brief letter of inquiry describing the proposed project, its purpose, and the amount requested.

4/13/2011 Pre-proposal (required)
9/7/2011 Full Proposal (by invitation only)

**BSF Energy Program**

United States - Israel Binational Science Foundation

[http://www.bsf.org.il/data/FormsToDownload/BSF_Energy_CALL_FOR_PROPOSALS.pdf](http://www.bsf.org.il/data/FormsToDownload/BSF_Energy_CALL_FOR_PROPOSALS.pdf)

Contact: Yair Rotstein, 972-2-5828239 ext. 105, yair@bsf.org.il

Solicitation number:

The call is limited to applications in Renewable Energy, Alternative Energy, and Energy Efficiency. Proposals will be evaluated on the basis of their scientific excellence, as well as on their expected impact on the energy-related problems which the two countries face. Applications must be submitted jointly by at least one Israeli and one American scientist, as required in all BSF research proposals. Collaboration with industry partners is encouraged in the BSF Energy program. Projects may be up to four years in duration, but shorter projects which can be expected to show meaningful results are encouraged. Up to six grants, each for up to $200K, are expected to be awarded in the current round.
Proposals

4/13/2011 Pre-proposal (required)
9/7/2011 Full Proposal (by invitation only)

**Transformative Science Grants**

United States - Israel Binational Science Foundation

[http://www.bsf.org.il/data/FormsToDownload/BSF-Transformative-Call.pdf?PageId=261&innerTextID=0](http://www.bsf.org.il/data/FormsToDownload/BSF-Transformative-Call.pdf?PageId=261&innerTextID=0)

Contact: Yair Rotstein, 972-2-5828239 ext. 105, yair@bsf.org.il

Solicitation number:
The BSF seeks proposals to its transformative science program, which seeks research driven by ideas that have potential to radically change our understanding of an important scientific concept, or lead to the creation of a new paradigm, or a new field of science. Applications must be submitted jointly by at least one Israeli and one American scientist, as required in all BSF programs. Projects may be up to three years in duration, and will receive up to $100K per year, which may be divided among the PIs, according to their preference.

4/14/2011 White Paper (required)
6/30/2011 Proposal (by invitation only)

**Call for Research in Environment, Safety, and Health**

Semiconductor Research Corporation


Contact: Daniel Herr, 919/941-9431

Solicitation number:
The Nanomanufacturing Sciences (NMS) area of the Semiconductor Research Corporation is soliciting white papers in the area of Environment, Safety, and Health. This call for research may be addressed by individual investigators or by research teams. Proposals will be pursued based on quality, perceived member value, and available funds. Proposed research funding levels should range from $50K to $150K per task.

4/15/2011 Full Proposal
9/15/2011 Full Proposal

**MacDowell Fellowships**

The MacDowell Colony


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


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. 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.

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. 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/USA%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.

March of Dimes Research Program

March of Dimes
Contact: Michael Katz, 914/997-4555, mkatz@marchofdimes.com

Solicitation number:
The March of Dimes invites applications for research grants directed at the prevention of birth defects. Appropriate research include basic biological processes governing development, genetics, clinical studies, studies of reproductive health, environmental toxicology, and social and behavioral studies. Grants are awarded for three years. Last year’s average grant amount was $93,342 per year.
Research Grant Awards
Foundation for the Future
http://www.futurefoundation.org/awards/rga_home.htm
Contact: 425/451-1333, ffinfo@futurefoundation.org
Solicitation number:
These awards provide financial support to scholars undertaking research at a macro level that is directly related to better understanding the factors affecting the long-term future of humanity. One of the following four subjects must be met: 1) How will global changes in birth rates, mortality rates, and reproductive technology affect the human genome over the long-term future?; 2) What effect will the current global immigration and emigration of populations have on the demography of the planet over the long-term future?; 3) What are likely to be the major global driving forces/initiatives/issues for humanity through the new millennium?; and 4) Are mechanisms of biological and cultural evolution in sync with our systems of governance and economy? How are they likely to evolve and develop over the long-term future? Award amounts range from $5K to $25K.

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 Associateship Programs
National Academy of Sciences
http://sites.nationalacademies.org/PGA/RAP/PGA_050491
Contact: 202/334-2760, rap@nas.edu
Solicitation number:
The National Research Council provides Research Associateships at participating federal laboratories and research organizations to outstanding scientists and engineers at the postdoctoral and senior level. Applicants select an appropriate laboratory and submit a research plan that relates to the specific opportunity at the sponsoring lab. Selected associates receive a stipend and usually spend a year as a guest investigator. Note that not all sponsors participate in all four review deadlines. Applicants should refer to the specific information for the laboratory to which they are applying.
Post-Ph.D. Research Grants

The Wenner-Gren Foundation

http://www.wennergren.org/programs/post-phd-research-grants

Contact: applications@wennergren.org

Solicitation number:

Post-Ph.D. Research Grants are awarded to individuals holding a Ph.D. or equivalent degree to support individual research projects. The program contributes to the Foundation’s overall mission to support basic research in anthropology. Grants provide a maximum of $20K and the Osmundsen Initiative supplement provides up to an additional $5K for a maximum grant of $25K.

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.

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.

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.
<table>
<thead>
<tr>
<th>Date</th>
<th>Type</th>
<th>Program</th>
<th>Contact Information</th>
<th>Solicitation number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/2/2011</td>
<td>Proposal</td>
<td>Small Research Grants</td>
<td>American Astronomical Society, Rick Fienberg, <a href="mailto:Rick.Fienberg@aas.org">Rick.Fienberg@aas.org</a></td>
<td>5/2/2011 Proposal</td>
<td>The purpose of these grants is to cover costs associated with any type of astronomical research. This program is open to both US and international astronomers with a PhD or equivalent. Acceptable expenses are those normally associated with research: computing costs; equipment purchases, upgrades, and repairs; equipment transport/shipping; travel (including student travel) to observatories and/or scientific meetings, but not AAS meetings; and page charges. Awards range from $1K to $7K.</td>
</tr>
<tr>
<td>5/2/2011</td>
<td>Application</td>
<td>North American Research Linkages Grant</td>
<td>Foreign Affairs and International Trade Canada, Daniel Abele, 202/682-7717, <a href="mailto:daniel.abele@international.gc.ca">daniel.abele@international.gc.ca</a></td>
<td>5/5/2011 Brief Proposal (required)</td>
<td>This program is designed to facilitate North American collaboration within the academic community. It aims to foster the development of permanent exchange networks by providing assistance to teams of researchers from Canada, the United States, and Mexico in order to organize seminars, workshops, or other forms of research linkages. Grants of up to $20K CDN will be offered to assist in the establishment or the development of North American research networks in support of projects that have policy relevance for the North American agenda.</td>
</tr>
<tr>
<td>8/4/2011</td>
<td>Full Proposal</td>
<td>Junior Investigator Program</td>
<td>Robert Wood Johnson Foundation, 215/732-2200, ext. 276, <a href="mailto:info@rwjf-newconnections.org">info@rwjf-newconnections.org</a></td>
<td>8/4/2011 Full Proposal (by invitation only)</td>
<td>The program invites Junior Investigators from historically disadvantaged and underrepresented communities to submit proposals that address health policy and practice. Applicants must have completed a doctoral degree obtained by November 15, 2001 or later. A specific focus is Public Health Law Research (PHLR), which aims to build the evidence for and increase the use of effective regulatory, legal and policy solutions to protect and improve population health and the public health system. Up to 13 grants will be made, including up to five grants for PHLR awards, of up to $75K each for 24 months. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (<a href="mailto:janice.taylor@ia.ucsb.edu">janice.taylor@ia.ucsb.edu</a> or x8406) for more information and coordination purposes.</td>
</tr>
<tr>
<td>5/6/2011</td>
<td>Letter of Intent</td>
<td>Avon Breast Cancer Research Program</td>
<td>Avon Foundation for Women, Marc Hurlbert, 212/282-5560, <a href="mailto:marc.hurlbert@avonfoundation.org">marc.hurlbert@avonfoundation.org</a></td>
<td>5/6/2011 Letter of Intent (required)</td>
<td>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 (<a href="mailto:janice.taylor@ia.ucsb.edu">janice.taylor@ia.ucsb.edu</a> or x8406) for more information and coordination purposes.</td>
</tr>
</tbody>
</table>
5/12/2011  Application

**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.

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.

5/15/2011  Application

**Meggers Project Award**

American Institute of Physics

[http://www.aip.org/aip/awards/meggers.html](http://www.aip.org/aip/awards/meggers.html)

Contact: 301/209-3127

Solicitation number:

This biennial award is designed to fund projects for the improvement of high-school physics teaching in the U.S. Preference will be given to the proposals that directly involve pre-college teachers and/or students. Projects that can serve as models for others are encouraged. A total of $25K is available to be awarded biennially for one or more outstanding projects in the competition.

5/16/2011  Application (by invitation only) HeART

**IRSF Translational Research Program**

International Rett Syndrome Foundation

[http://www.rettsyndrome.org/research/for-scientists/grant-opportunities.html](http://www.rettsyndrome.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.
5/16/2011  Application

**Guest Artist Initiative Grant**

Stage Directors and Choreographers Foundation


Contact: Ellen Rusconi, 212/391-1070 x244, ERusconi@SDCweb.org

Solicitation number:

This program is to encourage and facilitate the hiring of professional stage directors and choreographers as Guest Artists. SDCF will furnish the chosen school with a grant of up to $5K to match the fee budgeted for the Guest Artist and will furnish the runner-up school a grant of $1K to increase the fee budgeted for the Guest Artist.

5/19/2011  Full Proposal

**Grand Challenges Explorations (GCE) Round 7**

Bill & Melinda Gates Foundation

[http://www.grandchallenges.org/Explorations/Pages/Introduction.aspx](http://www.grandchallenges.org/Explorations/Pages/Introduction.aspx)

Contact: grandchallenges@gatesfoundation.org

Solicitation number:

Grand Challenges Explorations (GCE) supports early-stage research projects in global health research with an innovative approach that is responsive to the topic. Topics for Round 7 are: The Poliovirus Endgame: Create Ways to Accelerate, Sustain and Monitor Eradication; Create the Next Generation of Sanitation Technologies; Create Low-Cost Cell Phone-Based Solutions for Improved Uptake and Coverage of Childhood Vaccinations; Design New Approaches to Cure HIV Infection; Explore Nutrition for Healthy Growth of Infants and Children; and Apply Synthetic Biology to Global Health Challenges. The grant program is open to anyone from any discipline, from student to tenured professor, and from any organization. Phase I grants of $100K are awarded initially; successful projects have an opportunity to receive a follow-on Phase II grant of up to $1M.

5/31/2011  Nomination

**Anneliese Maier Research Award**

Alexander von Humboldt Foundation


Contact: info@avh.de

Solicitation number:

Up to five awards will be funded to outstanding researchers in all fields of the humanities, social science, cultural science, law, and economics to promote research collaboration with specialist colleagues in Germany, contributing towards the further internationalism of the humanities and social sciences in Germany. The award amount is generally EUR 250K and is made available over a period of five years to finance research collaboration with specialist colleagues in Germany. The nomination must come from an established scholar who is employed with a university or another research institution in Germany. Self-nominations are not possible.

5/31/2011  Application

11/5/2011  Application

**Lawrence Foundation Grants**

The Lawrence Foundation


Contact: info@thelawrencefoundation.org

Solicitation number:

The Foundation is focused on making grants to support environmental, education, human services, and other causes. The Foundation makes both program and operating grants and does not have any geographic restrictions on our grants. 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.
6/1/2011  Stage 1 Application (required)
10/5/2011  Stage 1 Application (required)

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.

6/1/2011  Proposal

Media Grantmaking
The John D. and Catherine T. MacArthur Foundation
Contact: 312/726-8000, 4answers@macfound.org

Solicitation number:
Programs supported by the Foundation inform and educate their viewers about important and under-reported topics, provide balance and accurate information, encourage global conversations, and use technology to tell stories in engaging and interactive ways. MacArthur supports U.S.-based independent documentary filmmakers for the production and distribution of social-issue documentary films that are intended for a broad audience and address the significant social challenges of our time or explore important but under-reported topics. Eight to twelve documentary film grants will be made, each amounting $100K to $200K. 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.

6/1/2011  Application
12/1/2011  Application

International Collaborative Research Grants
The Wenner-Gren Foundation
http://www.wennergren.org/programs/international-collaborative-research-grants
Contact: internationalprograms@wennergren.org

Solicitation number:
The International Collaborative Research Grant (ICRG) supports international research collaborations in anthropology between two or more qualified scholars, where the principal investigators bring different and complementary perspectives, knowledge, and/or skills to the project. The grants are for a maximum of $30K for the research project. 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.

6/1/2011  Application

Innovation Award
Damon Runyon Cancer Research Foundation
http://www.damonrunyon.org/for_scientists/more/innovation_award_overview
Contact: 212/455-0520, awards@damonrunyon.org

Solicitation number:
This award provides funding for early career researchers who have an innovative new idea but lack sufficient preliminary data to obtain traditional funding. The research supported by the award must be novel, exceptionally creative and, if successful, have the strong potential for high impact in the cancer field. Applicants must belong to one of the following categories: Tenure-track Assistant Professors within their first three years; Clinical Investigators and Senior Clinical Fellows; and Distinguished Fellows. The award provides $150K 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.
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.

UC and State of California

Ongoing

California Wellness Grants

California Wellness Foundation
http://www.calwellness.org/how_to_apply/
Contact: 818/702-1900

Solicitation number:
The Foundation supports organizations working to improve the health of underserved communities in California. The following health issues are prioritized: Diversity in the Health Professions; Environmental Health; Healthy Aging; Mental Health; Teenage Pregnancy Prevention; Violence Prevention; Women’s Health; and Work and Health. While project funding requests are accepted, requests for core operating support are particularly encouraged. An organization must first write a one- or two-page letter of interest.

4/14/2011 Full Proposal

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.

4/15/2011 Full Proposal

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.
University of California (UC) California Studies Consortium (CSC)

University of California Humanities Research Institute (UCHRI)

Contact: Suedine Nakano, snakano@hri.uci.edu

Solicitation number:
The University of California (UC) California Studies Consortium (CSC) supports collaborative research by UC faculty, graduate students, and their colleagues at other institutions as part of a new University-wide California Studies research initiative for the humanities, arts, and social sciences. As the thematic title "California Cartographies" suggests, the UCSCC strives toward comprehensive critical mappings and re-mappings of California and its cultures. It is interested in California as a site of global intersections and circulations—culturally, economically, and politically. The program offers four types of grants: 1) Graduate Student Research Travel Grants of up to $500; 2) Systemwide Workshops of up to $10K; 3) Regional Seminars and Research Workgroups of up to $5K; and 4) Community Outreach and Teaching Grants of up to $7.5K.

5/2/2011 Proposal (by invitation only)

California Program on Access to Care
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.

6/6/2011 Full Proposal
10/3/2011 Full Proposal

UC MEXUS Small Grants
UC Institute for Mexico and the United States (UC MEXUS)
http://ucmexus.ucr.edu/funding/grant_small.html

Contact: Andrea Kaus, 951/827-3586, andrea.kaus@ucr.edu

Solicitation number:
Small grants support travel, short-term research, initial planning, or other special one-time needs related to the seed phase of projects or programs conducted by UC researchers or research teams in the areas of: Mexico-Related Studies; Latino Studies; United States-Mexico Relations; Critical U.S.-Mexico Issues; Latino and Mexican Topics in the Arts; and Collaborative Research Projects with Investigators at Mexican Institutions. Awards of up to $1.5K for one year are available for the February and October competitions. The summer competition in June will provide awards up to $3K.

6/9/2011 Full Proposal

California Sea Grant College Program
California Sea Grant College Program
http://www.csgc.ucsd.edu/FUNDING/APPLYING/PRELIMINARY/IndxPrelim.html

Contact: Carol Bailey-Sumber, 858/534-7855, sgproposal@ucsd.edu

Solicitation number:
Faculty and academic staff from universities and scientists from research institutions throughout California are invited to apply. The focus is on the following integrated themes: Healthy Coastal and Marine Ecosystems; Resilient Coastal Communities; New Technologies and Products; Safe and Sustainable Seafood Supply; and Effective Response to Climate Change. Sea Grant Core Research Proposals for "Standard Core Awards" are solicited at levels of funding up to a maximum of $125K per year, plus one graduate trainee. Awards of two years duration are strongly encouraged. The Focused Research and Outreach Initiative will allocate up to $720K over a three-year period to a single research, application, and outreach initiative.