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

Stephen Kowel
Director of Research Development for
Science and Engineering
kowel@research.ucsb.edu or 893-7345

Kelly Pillsbury
Research Development Analyst
pillsbury@research.ucsb.edu or 893-8891

TABLE OF CONTENTS
Campus and Agency News 1
Contract and Grant Awards 3
Department of Defense (DOD) 5
Department of Education (ED) 8
Department of Energy (DOE) 8
NASA 9
NARA 14
NEH 15
National Institutes of Health (NIH) 16
National Science Foundation (NSF) 31
Private/Nonprofit Agencies 44
UC and State of California 59

Campus and Agency News

NEH SUMMER STIPENDS FOR 2015
http://www.ihc.ucsb.edu/neh-summer-stipends-2/
The Interdisciplinary Humanities Center is now accepting applications from UCSB faculty members for the National Endowment for the Humanities (NEH) 2015 Summer Stipend program. To be considered for a Summer Stipend, faculty members must submit all application materials by Wednesday, August 20, 2014. This is a limited submission opportunity. Members of the IHC's Advisory Board will recommend nominees for this award. As a campus UCSB may submit only two applications.

NEH Summer Stipends support individuals working full-time on a humanities project at any stage of development by providing $6,000 for two consecutive months of full-time research and writing. Recipients have produced articles, monographs, books, digital materials, archaeological site reports, translations, editions, or other scholarly resources.

To be eligible for a summer stipend, UCSB faculty members must submit all required application materials as a single PDF to ihcucsb@gmail.com by 5 pm Wednesday, August 20, 2014. Nominations will be announced by Thursday, September 11 to give nominees time to revise their proposals for submission to the NEH by its September 30, 2014 deadline. For further information, please contact Emily Zinn, IHC Associate Director: ezinn@ihc.ucsb.edu.

NSF DEAR COLLEAGUE LETTERS
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.

Dear Colleague Letter: Cybersecurity Education EAGERs - Pushing the Dimensions of the Domain
NSF is announcing its intention to fund a small number of Early Concept Grants for Exploratory Research (EAGERs) to encourage advances in cybersecurity education, an area supported by the Foundation’s Secure and Trustworthy Cyberspace (SaTC) (see solicitation NSF 13-578: http://www.nsf.gov/pubs/2013/nsf13578/nsf13578.htm) and CyberCorps*: Scholarship for Service (see solicitation NSF 14-510: http://www.nsf.gov/pubs/2014/nsf14510/nsf14510.html) programs. In particular NSF is interested in using the EAGER mechanism to encourage new collaborations between the cybersecurity research and computing education research communities. The proposed research should fit the Cybersecurity Education (EDU) perspective within the SaTC solicitation.

CAMPUS HONORS AND AWARDS
2014 Timoshenko Medal
Robert McMeeking, professor of mechanical engineering, has been awarded ASME’s Timoshenko Medal for his work in pioneering contributions to broad areas of applied mechanics including non-linear fracture mechanics, transformation toughening, mechanics of
composites, powder consolidation and ferroelectric fracture and constitutive modeling.

2014 Prince of Asturias Award
Galen Stucky, professor of chemistry and materials, will receive the 2014 Prince of Asturias Award for Technical and Scientific Research. Named after the Crown of Prince of Spain, this is the highest scientific recognition in Spain and one of the most coveted Europeans scientific awards. The prize recognizes research on microporous and mesoporous materials.

2014 Spiers Memorial Award
Fred Wudl, professor of chemistry and materials, has recently been honored for his pioneering work in conducting polymers, novel organic materials and organic photovoltaic devices with the 2014 Spiers Memorial Award by the Royal Society of Chemistry.

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:
- Pew Scholars Program in the Biomedical Sciences 2015—Campus Notice of Intent 06/25/2014; Agency deadline 07/15/2014
- NIH NEI Center Core Grant for Vision Research (P30)—Campus Notice of Intent 06/26/2014; Agency deadline 09/30/2014
- NSF Theory Institute in Atomic, Molecular and Optical Physics—Campus Notice of Intent 07/08/2014; Agency deadline 12/08/2014
- NSF Science and Technology Centers - Integrative Partnerships 2014—Campus Notice of Intent 07/28/2014; Campus Pre-Proposal 8/11/2014; Agency deadline 2014 TBD
- NEH Summer Stipends 2015—Campus Application due to IHC 08/20/2014; Agency deadline 09/30/2014

Programs with open campus spots (please contact funding@research.ucsb.edu if you are interested in submitting to one of these programs):
- 2014 William T. Grant Scholars—Agency deadline 07/09/2014
Contract and Grant Awards
May 2014

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

Bailey, J.K. (Molecular, Cellular & Developmental Biology), Ma, D. (Molecular, Cellular & Developmental Biology), Neuroscience Research Institute, $1,000, Sigma Xi, The Scientific Research Society, “Protein methylation enzymes as regulators of cytokinesis.”


Byl, K., Electrical & Computer Engineering, $200,000, Jet Propulsion Laboratory, “Investigation of RoboSimian Mobility Modes and Strategies.”

Culver, C.S., Marine Science Institute, $32,400, United Water Conservation District, “Assisting with Quagga Mussel Management Activities at Lake Piru.”


Dewar, T.J. (Education), Gevirtz Research Institute, $1,482,914, UC Irvine, “The Pathway to Academic Success: A Cognitive Strategies Approach to Text-Based Analytical Writing to Improve Academic Outcomes for Secondary English Learners.”

Dewar, T.J. (Education), Gevirtz Research Institute, $20,000, National Writing Project Corporation, “NWP Teacher Leadership Development 2014-16.”


Kim, S. (Dramatic Art), Interdisciplinary Humanities Center, $65,000, American Council Of Learned Societies, “Historicizing the Rise of Korean Pop Music and Digital Media.”

King, J., Lin, Y., Geography, $19,505, National Science Foundation, “DISTRIBUTION RESEARCH: Quantifying Changes in Lignin Chemistry During Photodegradation Versus Biotic Decomposition Using 2D NMR Spectroscopy.”

Koegel, R. (Department of Counseling, Clinical, and School Psychology), Koegel, L. (Department of Counseling, Clinical, and School Psychology), Gevirtz Research Institute, $5,000, Autism Speaks (National Alliance For Autism Research), “Improving Social Conversation Abilities in Adults with ASD.”


Pennuthur, S., Mechanical Engineering, $245,118, National Science Foundation, “Collaborative Research: Electrokinetic Transport and Separation in MEMS-fabricated Nanofluidic Channels.”


Seubert, D.C., Brylawski, S.S., Davidson Library, $500,000, Packard Humanities Institute, “American Discography Project.”
Shell, M., Leal, L.G., Chemical Engineering, $345,931, National Science Foundation, “Molecular and Hybrid Simulations of Nanobubble Stability.”

Smith, W.C., Morales, H.D., Molecular, Cellular & Developmental Biology, $93,334, Santa Barbara Foundation, “Role of IgCAM in anterior neural plate development in Ciona.”


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 email funding@research.ucsb.edu 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 Defense (DOD)

Ongoing

**Naval Research Laboratory Broad Agency Announcement**

Naval Research Laboratory


Contact: Sue Kelly, 202/767-6815, nrlproposals@nrl.navy.mil

Solicitation number: BAA-N00173-03

NRL conducts basic and applied research for the Navy in a variety of scientific and technical disciplines. NRL contributes to this requirement by conducting research in the following areas, organized into NRL's Naval Center for Space Technology and three research directorates: Systems, Materials Science and Component Technology, and Ocean and Atmospheric Science and Technology. Interested offerors must first submit a white paper (WP). White Papers are continuously accepted. Proposals are only accepted upon request.

Ongoing

**U.S. Army Engineer Research and Development Center BAA 2013**

U.S. Army Corps of Engineers

http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=213834

Contact: Varies with research interest

Solicitation number: W912HZ-13-BAA-01

The U.S. Army Engineer Research and Development Center (ERDC) supports conferences and symposia in special areas of science that bring experts together to discuss recent research or educational findings or to expose other researchers or advanced graduate students to new research and educational techniques. The ERDC encourages the convening, in the United States, of major international conferences, symposia, and assemblies of international alliances. Conference support proposals should be submitted a minimum of six months prior to the date of the conference.

Ongoing

**United States Army Research Institute for the Behavioral and Social Sciences Broad Agency Announcement for Basi**

U.S. Army Research Office

http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=219293

Contact: Varies with research interest

Solicitation number: W911NF-13-R-0001

The U.S. Army Research Institute for the Behavioral and Social Sciences is the Army's lead agency for the conduct of research, development, and analyses for the improvement of Army readiness and performance via research advances and applications of the behavioral and social sciences that address personnel, organization, training, and leader development issues. This FOA is divided into two sections: 1) Basic Research and 2) Applied Research and Advanced Technology Development. Basic Research is defined as systematic study directed toward greater knowledge or understanding of the fundamental aspects of phenomena and of observable facts without specific application of processes or products in mind. The Applied Research and Advanced Technology Development Section is divided into four subsections: 1) Training; 2) Leader Development; 3) Team and Inter-Organizational Performance in Complex Environments; and 4) Soldier/Personnel Issues.
DARPA Strategic Technology Office (STO) Broad Agency Announcement (BAA)

Defense Advanced Research Projects Agency (DARPA)

https://www.fbo.gov/utils/view?id=e787ae58c1b47fbdcc2df4f73519b178

Contact: DARPA-BAA-13-29@darpa.mil

Solicitation number: DARPA-BAA-13-29

DARPA seeks innovative ideas and disruptive technologies that offer the potential for significant capability improvement across the Strategic Technology Office (STO) focus areas. This includes system and technology development related to: 1) Battle Management (BM); 2) Command and Control (C2); 3) Communications, Intelligence, Surveillance, and Reconnaissance (ISR); 4) Electronic Warfare (EW); and 5) Positioning, Navigation and Timing (PNT). Proposed research should investigate innovative approaches that enable revolutionary advances in science, devices, or systems. Specifically excluded are existing mature solutions and research that results in evolutionary improvements to existing technologies. Technologies of particular interest would address challenges of operating in contested, denied, and/or austere environments. The amount of resources made available under this FOA will depend on the quality of the proposals received and the availability of funds. Cost sharing is not required but is encouraged where there is a reasonable probability of a potential commercial application related to the proposed research and development effort.

Information Innovation Office (I2O) Office-Wide BAA

Defense Advanced Research Projects Agency (DARPA)

https://www.fbo.gov/index?s=opportunity&mode=form&id=28e5dfc563c246b59c3f02e12dee3b53&tab=core&_cview=1

Contact: Norman Whitaker, DARPA-BAA-13-32@darpa.mil

Solicitation number: DARPA-BAA-13-32

I2O explores game-changing technologies in the fields of information science and software to anticipate and create rapid shifts in the complex national security landscape. Conflict can occur in traditional domains such as land, sea, air, and space, and in emerging domains such as cyber and other types of irregular warfare. I2O’s research portfolio is focused on anticipating new modes of warfare in these emerging areas and developing the concepts and tools necessary to provide decisive advantage for the U.S. and its allies. Proposed research should investigate innovative approaches that enable revolutionary advances in science, devices, or systems. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of the art. I2O seeks unconventional approaches that are outside the mainstream, undertaking directions that challenge assumptions and have the potential to radically change established practice.

FY14 Breast Cancer Research Program (BCRP) Innovator Award

DoD Congressionally Directed Medical Research Programs


Contact: 301/682-5507, help@eBRAP.org

Solicitation number: W81XWH-14-BCRP-INNOV

This FOA challenges the scientific community to design research that will address the urgency of ending breast cancer. Specifically, the BCRP seeks to accelerate high-impact research with clinical relevance, encourage innovation and stimulate creativity, and facilitate productive collaborations. The Innovator Award supports visionary individuals who have demonstrated creativity, innovative work, and leadership in any field including, but not limited to, breast cancer. The Innovator Award will provide these individuals with the funding and freedom to pursue their most novel, visionary, high-risk ideas that could ultimately lead to ending breast cancer. The maximum period of performance is five years, and the maximum allowable direct costs for the entire period of performance are $5M plus indirect costs.
Amyotrophic Lateral Sclerosis Therapeutic Idea Award

DoD Congressionally Directed Medical Research Programs


Contact: 301/682-5507, help@cdmrp.org

Solicitation number: W81XWH-14-ALSRP-TIA

The TIA is designed to promote new ideas that are still in the early stages of development with the potential to yield highly impactful data and new avenues of investigation for novel therapeutics for ALS treatment. This mechanism supports conceptually innovative, high-risk/high-reward research that could ultimately lead to critical discoveries or major advancement in ALS therapeutics. Proposed research projects should include a well-formulated, testable hypothesis based on strong scientific rationale that holds translational potential to improve ALS treatment and/or advances a novel treatment modality. The maximum allowable direct costs for the entire two year period of performance are $400K plus indirect costs.

Contact:
W81XWH-14-ALSRP-TIA
Solicitation number:
DoD Congressionally Directed Medical Research Programs

FY14 Amyotrophic Lateral Sclerosis Therapeutic Development Award

DoD Congressionally Directed Medical Research Programs


Contact: 301/682-5507, help@eBRAP.org

Solicitation number: W81XWH-14-ALSRP-TDA

The goal of the ALSRP is to contribute to a cure for ALS by funding innovative preclinical research to develop new treatments for ALS. The Therapeutic Development Award supports the preclinical assessment of therapeutics for ALS. The proposed studies are expected to be empirical in nature and product-driven but may have a hypothesis-driven approach, provided the focus is on therapeutics. It is anticipated that the agents and/or data generated from these awards will lead to the advancement of new therapies for ALS. Applications must focus on one or more of these areas to be considered for funding. Applications that do not focus on at least one of the following areas will be administratively withdrawn: 1) Development and/or validation of high-throughput screens to define targets with therapeutic potential or to identify lead agent candidates for ALS treatment and be an asset for the ALS research community; 2) Development, modification, and/or validation of preclinical model systems in order to assess lead compounds and potential therapeutics by pharmacological and/or pharmacokinetic testing. Such models would also serve as improved tools for the ALS research community; DoD FY14 ALSRP Therapeutic Development Award 4; 3) Development and optimization of pharmacologic agents through Adsorption, Distribution, Metabolism, Excretion (ADME) studies, and toxicology testing, including Investigational New Drug (IND)-enabling pharmacology/toxicology testing; 4) Formulation and stability studies, design and implementation of full-scale, pilot current Good Manufacturing Practice (cGMP) production of therapeutics and/or delivery systems for use in advanced preclinical and initial clinical trials; and 5) Development of pharmacologic agents up to IND submission to initiate Phase I clinical trials after the award’s completion. The maximum allowable direct costs for the entire period of performance are $1.5M, for a maximum duration of three years. Cost sharing is encouraged for large equipment purchases, but not a requirement for program eligibility.

DoD Bone Marrow Failure Idea Development Award

DoD Congressionally Directed Medical Research Programs

http://www.grants.gov/web/grants/view-opportunity.html?oppId=253173

Contact: 301/682-5507, help@eBRAP.org

Solicitation number: W81XWH-14-BMFRP-IDA

The vision of the BMFRP is to understand and cure BMF diseases. Toward that end, the program challenges the scientific community to design innovative research approaches based on sound scientific evidence that will advance the understanding of inherited and acquired BMF diseases to improve the health of individuals, with the ultimate goals of prevention and cure. Proposed research studies should have a high probability of revealing new avenues of investigation. Research projects should include a well-formulated, testable hypothesis based on strong scientific rationale and a developed and well-articulated research approach. The maximum allowable direct costs for the entire three year period of performance are $400K plus indirect costs.
**Fund for the Improvement of Postsecondary Education (FIPSE)--First in the World Program (FITW)**

Department of Education


Contact: Joyce Mays, 202/245-6122, joyce.mays@ed.gov

Solicitation number: ED-GRANTS-051614-001

Purpose of Program: The President has set a clear goal for the Nation's education system. By 2020 the United States will once again lead the world in the proportion of its citizens holding college degrees or other postsecondary credentials. To support this national effort the Department of Education has outlined a comprehensive education agenda that includes expanding quality and opportunity at all levels of education from early learning programs through higher education. The FITW Program is a key part of this agenda. The maximum award is $4M for up to 2 years.

---

**Education Research Grants**

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.

---

**Special Education Research Programs (FY 2015)**

Institute of Education Sciences

Contact: Varies with research interest

Solicitation number:

The Institute of Education Sciences (Institute) requests applications for research projects that will contribute to its Special Education Research Grants program (CFDA 84.324A). Through this program, the Institute seeks to expand the knowledge base and understanding of infants, toddlers, children, and youth with disabilities through advancing the understanding of and practices for teaching, learning, and organizing education systems. The maximum award is $1.6M for up to four years.

---

**Department of Energy (DOE)**

**Advancing Utility-Scale Clean Energy Generation**

Department of Energy


Contact: Angela Hockaday, 916/654-5186, Angela.Hockaday@energy.ca.gov

Solicitation number: PON-13-303

The purpose of this solicitation is to fund applied research and development projects that develop emerging utility-scale renewable energy generation technologies and strategies to improve power plant performance, reduce costs, and expand the resource base. Projects must fall within one of the following project groups: 1) Thermal Energy Storage for Concentrating Solar Power - Develop new and enhanced tools and technologies that improve the cost and efficiency of thermal energy storage, leading to increased capacity and dispatchability of concentrating solar power and improved understanding of grid benefits. The maximum award for this group is $1.5M. 2) Solar and Wind Forecasting and Modeling - Develop and validate advanced solar and wind forecasting and modeling tools to increase the accuracy and reliability of forecasts, reduce the costs of solar and wind generation integration for utilities, and assist grid operators in variable and intermittent resource management. The maximum award for this group is $1M. 3) Geothermal Energy Generation Facilities - Increase the efficiency and extend the operating life of existing geothermal energy generation facilities by improving reservoir management techniques and system design, and enhancing grid support through flexible generation and ancillary services. The maximum award for this group is $3M.
C.23 Planetary Major Equipment

National Aeronautics and Space Administration

This program element allows proposals for new or upgraded analytical, computational, telescopic, and other instrumentation required by investigations sponsored by the Planetary Science Research Program’s science research programs as offered in this solicitation. Instrumentation purchases or upgrades that may be requested through the PME program are to be of a substantial nature; that is, over $40K. Proposals that seek to design, develop, test, or evaluate new instruments that are intended for commercial sale will be rejected without review. The expected annual program budget is $1.4M for 5-9 awards. The maximum award period is one year.

Contact: Jeffrey Grossman, 202/358-1218, HQ-PME@mail.nasa.gov

Solicitation number: NNH12ZDA001N-PME

The Maturation of Instruments for Solar System Exploration (MatISSE) Program supports the advanced development of spacecraft-based instruments that show promise for use in future planetary missions. The goal of the program is to develop and demonstrate planetary and astrobiology science instruments to the point where they may be proposed in response to future announcements of flight opportunity without additional extensive technology development (approximately Technology Readiness Level [TRL] 6). The proposed instrument must address specific scientific objectives of likely future planetary science missions. The average funding for the first year of the award is $167K. Projects will not exceed four years in duration.

Contact: Janice Buckner, 202/358-0183, janice.l.buckner@nasa.gov

Solicitation number: NNH14ZDA001N-MATISSE

Proposals solicited under this program include those that seek to develop new analytical instrumentation or combinations of analytical instruments, or new components of analytical instruments, leading to significant improvements in the precision, resolution, or sensitivity of measurements compared to the existing state of the art. Also of interest are proposals for the development of new analytical techniques for existing instrumentation that will push the limits of current technology, for example, by the elimination of analytical interferences or contamination problems. In all cases, both the development efforts and the clear relevance to NASA sample-return missions must be clearly documented in the proposals. Proposals may seek to develop analytical capabilities for future sample-return missions. However, work that addresses the needs of current or selected missions have the highest priority. The average funding for the first year of awards is $107K. The maximum project period is four years.
**ROSES 2014: Physical Oceanography**

National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=397799/solicitationId=%7B45EEF657-F41E-8857-F41E-8857%

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

Solicitation number: NNH14ZDA001N-PO

Two research themes are identified in the Physical Oceanography program and represent priority areas for proposals solicited through this announcement. 1) Analysis and interpretation of the ocean circulation using satellite and in-situ data. NASA will support modest proposals undertaking analysis of satellite altimetry, surface wind stress, and other relevant data in support of the U.S. CLIVAR Program (http://www.usclivar.org); and 2) Development of new remote sensing techniques for physical oceanography. NASA has successfully developed remote sensing techniques for ocean surface winds, sea level, sea surface temperature, and sea surface salinity. Each of these variables has a science team and dedicated research activity. NASA will support modest proposals that explore new concepts for remote sensing of interest to physical oceanography. This opportunity is NOT for technology or instrument development but for concept articulation and exploration. The average funding for the first year of this award is $100K. The maximum project-period is for a duration of three years.

**ROSES 2014: Atmospheric Composition: Modeling and Analysis**

National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=397827/solicitationId=%7BA338908F-CBB3-CC50-CBB3-CC50%

Contact: Richard Eckman, 202/358-2567, Richard.S.Eckman@nasa.gov

Solicitation number: NNH14ZDA001N-ACMAP

Research within the Atmospheric Composition Focus Area addresses the following science questions: 1) How is atmospheric composition changing? 2) What trends in atmospheric composition and solar radiation are driving global climate? 3) How does atmospheric composition respond to and affect global environmental change? 4) What are the effects of global atmospheric composition and climate changes on regional air quality? 5) How will future changes in atmospheric composition affect ozone, climate, and global air quality? NASA expects to provide the necessary monitoring and evaluation tools to assess the effects of climate change on ozone recovery and future atmospheric composition, improved climate forecasts, based on our understanding of the forcings of global environmental change and air quality forecasts that take into account the feedbacks between regional air quality and global climate change. Achievements in these areas via advances in observations, data assimilation, and modeling enable improved predictive capabilities for describing how future changes in atmospheric composition affect ozone, climate, and air quality. The average funding for the first year of the award is $145. Projects will not exceed three years in duration.

**ROSES 2014: Heliophysics Guest Investigators (HGI)**

National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=397767/solicitationId=%7B346ABD21-8A6B-1AAC-8A6B-1AAC%

Contact: Varies with research interest

Solicitation number: NNH14ZDA001N-HGI

The Heliophysics Guest Investigators (H-GI) program is offered for investigations that draw extensively upon the data sets from the missions of the Heliophysics System Observatory. Five Heliophysics Senior Review panels and the recent Decadal Survey have reviewed the H-GI program in the context of the activities of the operating missions. The reviews have uniformly endorsed a strong H-GI program to complement the mission-sponsored investigations. The H-GI program emphasizes the use of data from currently-operating NASA Heliophysics missions, including those missions with which NASA is an international partner. This call has three sub-elements. One sub-element focuses on creation of new data products of high scientific value from currently operating missions. The other two sub-elements support analysis and interpretation of new observations from recently-launched Heliophysics missions.
ROSES 2014: Planetary Data Archiving, Restoration, and Tools

National Aeronautics and Space Administration


Contact: Michael Kelley, 202/358-0607, michael.s.kelley@nasa.gov

Solicitation number: NNH14ZDA001N-PDART

The Planetary Data Archiving, Restoration and Tools (PDART) solicits proposals to generate higher-order data products, archive and restore data sets or products, create or consolidate reference databases, digitize data, and develop or validate software tools. The objective of this program element is to increase the amount and quality of archived data and data products available for planetary science research and exploration, and to produce tools that would enable or enhance future scientific investigations. Although it is expected that a small amount of data analysis or modeling may be performed to validate any generated products, this program element does not accept proposals in which the main focus is a scientific investigation. For all types of proposals, it is expected that the products of selected proposals will be made available to the scientific community via the NASA PDS or equivalent archive. All proposals will be evaluated on the perceived impact of the new data products or tools on future planetary science research and exploration. That maximum duration of this award is three years.

ROSES 2014: Remote Sensing Theory for Earth Science

National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={EBB22AE9-33EC-7B08-5DA3-52399F78B524}

Contact: Lucia Tsaoussi, 202/358-4471, Lucia.S.Tsaoussi@nasa.gov

Solicitation number: NNH14ZDA001N-RST

The objective of the Remote Sensing Theory (RST) program element is to support fundamental scientific advances in remote sensing theory and radiative transfer, including advancement of retrieval algorithms to be used for space-based remote sensing of the Earth’s atmosphere, oceans, biosphere, cryosphere, land surface, and/or Earth interior. Recent theoretical developments in physics, mathematics, and other basic science may be integrated and/or applied to space-based Earth remote sensing. The incorporation of methodologies and techniques developed in other scientific areas, motivated by other sciences and applications (e.g., medical imaging) and/or new or novel application of approaches that can be applied to Earth remote sensing is a particular emphasis of this program. Research to be supported under this program element is expected to address the strengths and weaknesses of the approaches studied by quantifying the associated errors and uncertainties. Specific areas of interest in the previous solicitation are described below, but these are not exclusive nor are they predetermined priorities for this solicitation: 1) Theoretical algorithm advances; 2) Data “fusion;” and 3) Advanced corrections. The maximum duration of a project period solicited under this FOA is three years; proposals of shorter duration are encouraged where appropriate.

ROSES 2014: Heliophysics Infrastructure and Data Environment Enhancements (HIDEE)

National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=397773/solicitationId=%7BFC73C9D9-1513-6714-6714-7BC73C9D9

Contact: Jeffrey Newmark, 202/358-0684, jeffrey.s.newmark@nasa.gov

Solicitation number: NNH14ZDA001N-HIDEE

The goal of the H-IDEE program is to enable breakthrough research in Heliophysics by providing both a state of the art data environment and necessary supporting infrastructure to maximize the scientific return of the NASA missions. This program has two main research thrusts, Data Environment Enhancements and Infrastructure. However, the Data Environment Enhancement element is not being competed in ROSES2014, but instead in a Corporate Agreement Notice (CAN). The funding for the first year of the award is $167K. The maximum project-period is three years.
ROSES 2014: Solar System Workings

National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=397952/solicitationId=%7BAE489E38-6A74-5545-5555-555555555555-sol

Contact: Mary Voytek, 202/358-1577, mvoytek@hq.nasa.gov

Solicitation number: NNH14ZDA001N-SSW

The Solar System Workings program element supports research into atmospheric, climatological, dynamical, geologic, geophysical, and geochemical processes occurring on planetary bodies, satellites, and other minor bodies (including rings) in the Solar System. This call seeks to address the physical and chemical processes that affect the surfaces, interiors, atmospheres, exospheres, and magnetospheres of planetary bodies. A wide range of investigations will be covered, including theoretical studies, analytical and numerical modeling, sample-based studies of extraterrestrial materials, field work, laboratory studies, and data synthesis relevant to the physical and chemical processes affecting planetary systems. The average funding for first year awards is $133K. The maximum duration of a project periods is three years.

7/25/2014 Notice of Intent
9/26/2014 Full Proposal

ROSES 2014: Planetary Science and Technology Through Analog Research

National Aeronautics and Space Administration


Contact: Sarah Noble, 202/358-2492, sarah.noble-1@nasa.gov

Solicitation number: NNH14ZDA001N-PSTAR

Planetary Science and Technology Through Analog Research (PSTAR) program solicits proposals for investigations focused on exploring the relevant environments on Earth in order to develop a sound technical and scientific basis to conduct planetary research on other solar system bodies. The PSTAR program is a science-driven exploration program that is expected to result in new science and operational/technological capabilities to enable the next generation of planetary exploration. Proposals must demonstrate fidelity to at least two of the following three objectives: 1) Science; 2) Science Operations; and 3) Technology. The maximum duration of a project period solicited under this FOA is four years.

7/28/2014 Notice of Intent
9/26/2014 Full Proposal

ROSES 2014: Cassini Data Analysis and Participating Scientists

National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=397971/solicitationId=%7BB640844FC-94E6-D492-D492-D492D492D492

Contact: Christina Richey, 202/358-2206, HQ-CDAP@mail.nasa.gov

Solicitation number: NNH14ZDA001N-CDAPS

The objective of the Cassini Data Analysis and Participating Scientists (CDAPS) Program is to enhance the scientific return of the Cassini mission by broadening the scientific participation in the analysis and interpretation of the data returned by the mission. A subset of CDAPS selectees will also serve as Participating Scientists, which will further broaden participation in the mission by augmenting the existing science team. This program solicits research proposals to conduct scientific investigations utilizing data obtained by the Cassini and Huygens spacecraft. The maximum duration of a project period solicited under this FOA is three years.
ROSES 2014: Ocean Salinity Field Campaign
National Aeronautics and Space Administration
http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=397801/solicitationId=%7B36D1A475-BAB2-EDCF-
Contact: Eric Lindstrom, 202/358-4540, eric.j.lindstrom@nasa.gov
Solicitation number: NNH14ZDA001N-OSFC
The objective of this program element is to select additional members to the ongoing NASA Ocean Salinity Science Team for a 2015-16 Ocean Salinity Field campaign in support of the science of the U.S./Comisión Nacional de Actividades Espaciales (CONAE). As articulated in the report of the U.S. Climate Variability and Predictability Research (CLIVAR) Salinity Working Group (2007), no part of the climate system is as important to society as the global hydrological cycle; yet we lack key understanding of its major element, the ocean. Thus, it is of great importance to improve our abilities to monitor, understand, and model the water cycle over and within the oceans. As upper ocean salinity (UOS) is an important variable that indicates the intensity of water exchange between ocean and atmosphere and has direct impact on the ocean’s mass distribution, mixing rates, and associated interior circulation, improved observation systems for salinity and better understanding of the processes that control it are needed for progress in understanding the oceanic water cycle. The average size of awards in the first year of the project will be $200K. The maximum period of performance is three years.

ROSES 2014: Mars Data Analysis
National Aeronautics and Space Administration
http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={28E683BC-22F3-F1D6-0C1E-15188201287F}
Contact: Mitchell Schulte, 202/358-2127, mitchell.d.schulte@nasa.gov
Solicitation number: NNH14ZDA001N-MDAP
The objective of the Mars Data Analysis Program (MDAP) is to enhance the scientific return from missions to Mars conducted by NASA and other space agencies. These include, but are not limited to, the following missions: Mars Pathfinder (MPF), Mars Global Surveyor (MGS), Mars Odyssey (MO), Mars Exploration Rovers (MERs), Mars Express (MEX), Mars Reconnaissance Orbiter (MRO), Phoenix (PHX), and the Mars Science Laboratory (MSL). MDAP broadens scientific participation in the analysis of mission data sets and funds high-priority areas of research that support planning for future Mars missions. MDAP supports scientific investigations of Mars using publicly available (released) data. Where justified to support planning for future Mars missions, investigations that use data derived from other sources (e.g., ground-based radar, Hubble) will also be considered. The maximum duration of a project period solicited under this FOA is four years.

ROSES 2014: Atmospheric Composition - Laboratory Research
National Aeronautics and Space Administration
Contact: Varies with research interest
Solicitation number: NNH14ZDA001N-ACLS
The principal area of research solicited through this program element is for laboratory investigations that supply basic spectroscopic, chemical, and physical measurements that are currently needed to interpret atmospheric composition data sets. In particular, laboratory studies that contribute to a process level understanding of atmospheric variability as discerned from space based measurements, such as performed by the Aura suite of instruments, as well as from the broad range of complementary suborbital measurements, are solicited. The maximum duration of a project period is three years.
ROSES 2014: Heliophysics Technology and Instrument Development for Science

National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={140DFC9E-037D-F799-0D41-8BFDF7C15695}

Contact: Jeffrey Newmark, 202/358-0684, jeffrey.s.newmark@nasa.gov

Solicitation number: NNH14ZDA001N-HTIDS

The H-TIDeS program solicits proposals for investigations that are relevant to NASA’s programs in Heliophysics. The H-TIDeS program seeks to investigate key Heliophysics science questions by addressing the best possible (i) science and/or technology investigations that can be carried out with instruments flown on suborbital sounding rockets, stratospheric balloons, CubeSats, commercial reusable suborbital launch vehicles, or other platforms; (ii) state-of-the-art instrument technology development for instruments that may be proposed as candidate experiments for future space flight opportunities; and (iii) laboratory research. Advancement in Heliophysics science requires the development and application of new technologies that will yield the next generation of innovative instruments. Laboratory research can be a relevant supplement to instrumentation and to the science of Heliophysics. This program has three main research thrusts, (1) payloads on balloons, sounding rockets, or as secondary payloads on rockets, CubeSats, and the International Space Station, collectively referred to as Low-Cost Access to Space (LCAS); (2) Instrument and Technology Development (ITD), which may be carried out in the laboratory and/or observatory; and (3) enabling Laboratory Nuclear, Atomic, and Plasma Physics (LNAPP) studies. The maximum duration of a project period for this solicitation is four years.

ROSES 2014: Earth Science U.S. Participating Investigator

National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={113613D8-7AD9-77C1-5972-6EC0D55D2304}

Contact: Richard Eckman, 202/358-2567, Richard.S.Eckman@nasa.gov

Solicitation number: NNH14ZDA001N-ESUSP

NASA solicits proposals for U.S. Participating Investigator (USPI) investigations on a non-NASA space mission that address the Earth Science Research Program objectives listed in the NASA Science Plan. This solicitation is for Earth science investigations that address the science questions listed in the NASA Science Plan and that contribute and facilitate access to foreign space agencies’ assets. A proposed investigation as a USPI on a non-NASA space mission may be as a Co-Investigator for an instrument, experiment, or technology demonstration that is being built and flown by a sponsor agency other than NASA. The maximum duration of a project period under this solicitation is five years.

ROSES 2014: Nancy Grace Roman Technology Fellowships

National Aeronautics and Space Administration


Contact: Billy Lightsey, 202/306-1896, billy.lightsey@nasa.gov

Solicitation number: NNH14ZDA001N-RTF

The goals of the Nancy Grace Roman Technology Fellowship (RTF) program in Astrophysics are to give early career researchers the opportunity to develop the skills necessary to lead astrophysics flight instruments/projects and become principal investigators (PIs) of future astrophysics missions; to develop innovative technologies for space astrophysics that have the potential to enable major scientific breakthroughs; and to foster new talent by putting early-career instrument builders on a trajectory towards long-term positions. The maximum duration of awards is two years for a new study phase; a four-year Development Effort would augment the original award and extend the period of performance; start-up funds for a current fellow would augment the original award without extending the period of performance.
**FY2015 Publishing Historical Records in Documentary Editions**

National Archives and Records Administration


Contact: Lucy Barber, 202/357-5306, alexander.lorch@nara.gov

Solicitation number: CFDA 89.003

The National Historical Publications and Records Commission seeks proposals to publish documentary editions of 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. The goal of this program is to provide access to and editorial context for the historical documents and records that tell the American story. Applicants may apply for funding for one year, and award amounts may range from $30K to $200K. Cost sharing is required and the Commission ordinarily provides no more than 50 per cent of total project costs.

---

**FY15 Access to Historical Records**

National Archives and Records Administration

http://www.archives.gov/nhprc/announcement/access.html

Contact: Alex Lorch, 202/357-5101, alexander.lorch@nara.gov

Solicitation number: CFDA 89.003

This grant program is designed to support archival repositories in preserving and processing primary source materials. The program emphasizes the creation of online tools that facilitate the public discovery of historical records. The Commission looks to fund projects that undertake one or both of the following activities: 1) Preservation, arrangement, and online description of historical records in all formats; and/or 2) Digital preservation of electronic records and unstable audio and visual formats. After completing arrangement and description activities, applicants may also propose to digitize materials to provide online access to collections. A grant normally is for one or two years and for up to $200K. Cost sharing is required and the Commission will provide up to 50 percent of the total project costs.

---

**National Endowment for the Humanities (NEH)**

7/17/2014 Application

**Humanities Collections and Reference Resources**

National Endowment for the Humanities, Division of Preservation and Access


Contact: 202/606-8570, preservation@neh.gov

Solicitation number: CFDA 45.149

This program supports projects that provide an essential underpinning for scholarship, education, and public programming in the humanities. Funding from this program strengthens efforts to extend the life of materials such as collections of books and manuscripts, photographs, sound recordings, archaeological and ethnographic artifacts, and digital objects, and make their intellectual content widely accessible, often through the use of digital technology. Awards are also made to create various reference resources that facilitate use of cultural materials, from works that provide basic information quickly to tools that synthesize and codify knowledge of a subject for in-depth investigation. In most cases, grants cover no more than 50% to 67% of project costs. The maximum award for implementation projects is $350K, for up to three years. The maximum award for Foundations projects is $40K for up to two years.
NEH Summer Stipends 2015 - Limited Submission

National Endowment for the Humanities

http://www.neh.gov/grants/research/summer-stipends

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

Solicitation number:

NEH Summer Stipends support individuals working full-time on a humanities project at any stage of development by providing $6,000 for two consecutive months of full-time research and writing. Recipients have produced articles, monographs, books, digital materials, archaeological site reports, translations, editions, or other scholarly resources. Work in the creative arts or performing arts—such as the writing of fiction or poetry, painting, sculpting composing or performing music, acting, directing, and dance—is not eligible.

Summer Stipend recipients may hold other research grants during the tenure of their awards, but they must work full-time on their projects during the two months of their tenure. Summer Stipends normally support work carried out during the summer months. U.S. citizens or foreign nationals who have been living in the United States or its jurisdictions for at least the three years prior to the application deadline are eligible to apply for a Summer Stipend.

Individuals who have held a major fellowship or research grant or its equivalent within the last three academic years prior to the deadline are ineligible. A “major fellowship or research grant” is a postdoctoral research award that provides a stipend of at least $15,000. Sabbaticals and grants from an individual’s own institution and stipends and grants from other sources supporting study and research during the summer are not considered major fellowships. Individuals who have previously received a Summer Stipend may apply to support a new stage in their project. These applications will be judged by the same criteria as other applications. Previous recipients, however, must wait five years from the time they received their award to reapply.

The program welcomes projects that respond to NEH’s Bridging Cultures initiative. Such projects could focus on cultures internationally or within the United States. International projects might seek to enlarge Americans’ understanding of other places and times, as well as other perspectives and intellectual traditions. American projects might explore the great variety of cultural influences on, and myriad subcultures within, American society. These projects might also investigate how Americans have approached and attempted to surmount seemingly unbridgeable cultural divides, or examine the ideals of civility and civic discourse that have informed this quest.

Programming Grants to Accompany NEH on the Road Exhibitions

National Endowment for the Humanities


Contact: 202/606-8269, publicpgms@neh.gov

Solicitation number: 20131231-MR

These grants support ancillary public humanities programs to accompany NEH on the Road traveling exhibitions. Typical formats involve lectures, reading and discussion programs, film discussion programs, Chautauqua presentations by scholars, family programs, exhibition tours, and other appropriate formats for reaching the general public. Successful applicants will be awarded a grant of $1K. The grant period should not exceed three months, including the period of time in which the exhibition is actually on display at the host institution.

National Institutes of Health (NIH)
Understanding and Treating Co-Morbid Conditions in Adolescents with Intellectual and Developmental Disabilities

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.

Research Supplements to Promote Diversity in Health-Related Research

NIH and the Centers for Disease Control and Prevention (CDC) hereby notify Program Director(s)/Principal Investigator(s) (PD(s)/PI(s)) holding specific types of NIH research grants, listed in the full FOA that funds are available for administrative supplements to improve the diversity of the research workforce by supporting and recruiting students, postdoctorates, and eligible investigators from groups that have been shown to be underrepresented in health-related research. This supplement opportunity is also available to PD(s)/PI(s) of research grants who become disabled and need additional support to accommodate their disability in order to continue to work on the research project. Administrative supplements must support work within the scope of the original project. Applications can be received at any time until the final deadline. The deadline varies with research interest. Direct costs for individual administrative supplements vary from less than $5K to more than $100K depending on the career level of the candidate.

Research Supplements to Promote Re-Entry into Biomedical and Behavioral Research Careers (Admin Supp)

The Office of Research on Women’s Health (ORWH), participating Institutes and Centers (ICs) of the NIH, and the Office of Dietary Supplements (ODS) announce the continuation of the program for administrative supplements to research grants to support individuals with high potential to re-enter an active research career after an interruption for family responsibilities or other qualifying circumstances. The purpose of these supplements is to encourage such individuals to re-enter research careers within the missions of all the program areas of NIH. This program will provide administrative supplements of up to $10K to existing NIH research grants for the purpose of supporting full-time or part-time research by these individuals to update their existing research skills and knowledge. Due dates vary by awarding IC.

Accelerating Medicines Partnership (AMP) in Type 2 Diabetes (U01)

This FOA invites applications for the Accelerating Medicines Partnership (AMP) in Type 2 Diabetes (T2D-GENES) consortium. The AMP T2D-GENES will build on and expand the previous work of the T2D GENES consortium. The aim of the consortium is to characterize the genetic variations in human genomic regions that have been putatively associated with type 2 diabetes (T2D) and conduct follow-up functional studies of particular genetic variants. The data coordinating center for the consortium is being solicited via the companion FOA, RFA-DK-14-503. Application budgets are expected to average, but are not limited to, $300K in direct costs per year with a maximum project-period of five years. This FOA runs in parallel with a FOA of identical scientific scope, RFA-DK-14-503, that utilizes the U01 Research Project – Cooperative Agreements mechanism.
Development of Software and Analysis Methods for Biomedical Big Data in Targeted Areas of High Need (U01)

National Institutes of Health, Cross-Institute


Contact: David Miller, 240/276-6210, BD2K_targeted@mail.nih.gov

Solicitation number: RFA-HG-14-020

The purpose of this FOA is to solicit development of analysis methods and software in the four topic areas of data compression/reduction, data visualization, data provenance, and data wrangling as part of the overall BD2K initiative. In response to the spectacular opportunities and immense challenges presented by the dawning era of "Big Data" in biomedical research, NIH has developed the Big Data to Knowledge (BD2K) initiative with the mission of enabling the biomedical research community to use the various types of Big Data for research. Direct costs are limited to a maximum of $300K in each year of the three-year project period.

Partnerships for Diagnostics to Address Antimicrobial Resistance of Select Bacterial Pathogens (R01)

National Institutes of Health


Contact: Maureen Beanan, 301/451-3247, beananm@mail.nih.gov

Solicitation number: RFA-AI-14-019

The purpose of this FOA is to solicit research applications for projects focused on development and/or production of diagnostics that will enable rapid, sensitive, specific, culture-independent detection of high-priority antimicrobial-resistant Gram-negative bacterial pathogens. This FOA is focused on select healthcare-associated bacteria where resistance compromises effective treatment, including: Klebsiella pneumoniae, Acinetobacter baumannii, Pseudomonas aeruginosa, Enterobacter species and extra-intestinal pathogenic Escherichia coli. Applications must include a Product Development Strategy and demonstrate substantive participation by at least one industrial participant. Budgets for direct costs of up to $750K per year may be requested. In addition, applicants may request up to a total of $300K for major equipment in the first year of the award to ensure that research aims can be met and biohazards can be contained. The maximum project period is five years.

Undiagnosed Diseases Gene Function Research (R21)

National Institutes of Health


Contact: Donna Krasnewich, 301/594-0943, dkras@nigms.nih.gov

Solicitation number: RFA-RM-14-005

This Exploratory/Developmental Research Funding Opportunity intends to support gene function studies in collaboration with the Undiagnosed Diseases Network (UDN) building upon the NIH Intramural Research Program’s Undiagnosed Diseases Program (NIH-UDP). Responsive applications will propose to investigate the underlying genetics, biochemistry and/or pathophysiology of newly diagnosed diseases in association with the respective gene variant(s) identified through the UDN. In recent years, gene function studies combined with genetic and genomic analyses and metabolic studies have greatly improved diagnoses of these very rare diseases and advanced scientific knowledge of the underlying pathogenesis. This initiative is funded through the NIH Common Fund, which supports cross-cutting programs that are expected to have exceptionally high impact. Application budgets should not exceed $150K direct costs per year in FY15 and FY16. The total award period for this FOA is two years.
High Impact Neuroscience Research Resource Grants (R24)
National Institutes of Health, National Institute of Neurological Disorders and Stroke (NINDS)
Contact: Edmund Talley, 301/496-1917, TalleyE@mail.nih.gov
Solicitation number: RFA-NS-14-006
This FOA supports high impact efforts to provide resources for neuroscience research. Projects should address compelling needs of broad communities of neuroscience researchers or should offer unique services that otherwise would be unavailable. Applications can propose new tools, reagents or services, innovative approaches to scaling and/or economizing existing resources, or introduction of resources to wider user groups. Projects responsive to this FOA should engage one or more of the following types of activities: 1) Propagation of newly developed, cutting edge reagents or techniques that are not widely available or easily obtained; 2) Broadening the impact of important existing resources by bringing them to new user groups for whom access would not otherwise be available; and 3) Innovative approaches to increase the scale and efficiency of existing valuable resources. Applications must propose a plan designed to have a substantial impact on the quality of neuroscience research by virtue of the provided resources. Support may be requested for an average direct cost of up to $175K per year, with no more than $300K direct cost in any given year, for up to four years.

NIDCD Research Grants for Translating Basic Research into Clinical Tools (R01) Grant
National Institutes of Health, National Institute on Deafness and Other Communication Disorders (NIDCD)
Contact: Amy Donahue, 301/402-3458, donahuea@nidcd.nih.gov
Solicitation number: PAR-14-009
The NIDCD is encouraging applications which translate basic research findings into clinical tools for better human health in the NIDCD mission areas of hearing, balance, smell, taste, voice, speech and language. The intent of this FOA is to provide a new avenue for basic scientists, clinicians and clinical scientists to jointly initiate and conduct translational research projects. The scope of this FOA includes a range of activities to encourage translation of basic research findings which will impact the diagnosis, treatment and prevention of communication disorders. Multi-institutional, multi-disciplinary, and academic-industrial collaborations studies are encouraged. This FOA is not intended for health services/outcome studies, the extension of ongoing clinical research studies, the optimization of current clinical protocols, or pre-translational studies. Connection to the clinical condition must be clearly established and the outcomes of the grant must have practical clinical impact. The maximum project period is five years.

Myalgic Encephalomyelitis & Chronic Fatigue Syndrome - Etiology, Diagnosis, Pathophysiology, and Treatment
National Institutes of Health
Contact: Varies with research interest
Solicitation number: PAR-12-032
This FOA encourages investigators-initiated applications that propose to examine the etiology, diagnosis, pathophysiology, and treatment of chronic fatigue syndrome (CFS), sometimes referred to as myalgic encephalomyelitis (ME), in diverse groups and across the lifespan. The NIH is particularly interested in funding interdisciplinary research that will enhance our knowledge of the disease process and provide evidence based solutions to improve the diagnosis, treatment, and quality of life of all persons with ME/CFS. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PAR-12-033, which utilizes the R21 Exploratory/Developmental Grant mechanism.
**Chronic Wounds: Advancing the Science from Prevention to Healing (R01)**

National Institutes of Health


Contact: Lois Tully, 301/594-5968, tullyla@mail.nih.gov

Solicitation number: RFA-NR-15-001

This FOA seeks to stimulate research that will increase the understanding of biological and psychosocial factors associated with development, progression, and repair of chronic wounds (e.g., diabetic ulcers, pressure ulcers, venous and arterial ulcers) and associated adverse outcomes, and to develop and test interventions aimed at preventing the onset of chronic wounds, expediting the healing process, or alleviating wound-related symptoms. It is anticipated that the findings from this research will expand the body of knowledge needed to identify individuals at the highest risk for developing chronic wounds and to inform the search for tailored treatments to improve outcomes and quality of life for millions of persons at risk for or suffering from chronic wounds. Application budgets are limited to $350K in direct costs in any year over a maximum duration of five years.

---

**NIDCD Small Grant Program (R03)**

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


Contact: Varies with research interest

Solicitation number: PAR-13-057

This program is intended to support basic and clinical research of scientists who are beginning to establish an independent research career. The research must be focused on one or more of the areas within the mission of the NIDCD: hearing, balance/vestibular, smell, taste, voice, speech, or language. The R03 grant mechanism supports different types of projects including secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology. Applications may be submitted for up to $100K in direct costs per year for up to three years.

---

**NEI Center Core Grant for Vision Research (P30) - Limited Submission**

National Institutes of Health


Contact: Ellen Liberman, 301/451-2020, libermane@mail.nih.gov

Solicitation number: PAR-14-232

An NEI Center Core Grant combines three or more Resource and/or Service Cores for a group of R01 investigators to enhance their research, consolidate resources, avoid duplication of efforts, and/or contribute to cost effectiveness by providing a service with lower cost or higher quality than could be attempted for independent projects by several individual Program Directors/Principal Investigators (PD(s)/PI(s)). Shared resources and facilities that are accessible to a group of independently funded investigators lead to greater productivity for the separate projects, and can provide instrumentation and facilities that are too costly to be maintained by an individual investigator. The design and purpose of each Center Core may vary in how it serves its users. This program is designed to enhance an institution's environment and capability to conduct vision research and to facilitate collaborative studies of the visual system and its disorders. The NEI will provide direct costs of up to $2M over a five-year period in support of a Core Grant to institutions having 8 to 19 eligible grants. Institutions having 20 or more eligible grants may receive direct costs of up to $2.5M over a five-year period.
Center for Advancing Natural Products Innovation and Technology (U41)

National Institutes of Health, National Center for Complementary and Alternative Medicine (NCCAM)


Contact: Craig Hopp, 301/496-5825, hoppdc@mail.nih.gov

Solicitation number: RFA-AT-14-006

This FOA is soliciting applications to establish a national Center for Advancing Natural Product Innovation and Technology (CANPIT). The goal of this initiative is to improve upon and strengthen technologies and methods used in natural products research. The CANPIT, supported through the U41 cooperative agreement funding mechanism, is expected to overcome existing research limitations by developing and/or adapting cutting edge, innovative approaches and technologies that will have significant impact on the chemical and biological investigation of natural products. Importantly, the CANPIT is expected to serve a leadership role; coordinating intellectual scientific discourse and disseminating assembled methodology and best practices to the natural product research community. This FOA is being released in conjunction with the ODS Botanical Dietary Supplement Research Centers Program (see companion FOA, RFA-OD-14-001). Applicants applying under this CANPIT FOA are encouraged to collaborate with the Botanical Dietary Supplement Research Centers, and other NCCAM, ODS, and NIH supported grantees through CANPIT Technology Demonstration Projects (TDPs). Application budgets are limited to $750K in direct costs over a maximum five-year project period.

Predoctoral Training in Biomedical Big Data Science (T32)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: RFA-HG-14-004

The purpose of this FOA is to solicit applications for graduate training programs in Big Data Science, for the expressed purpose of training the next generation of scientists who will develop computational and quantitative approaches and tools needed by the biomedical research community to work with biomedical Big Data in the biomedical sciences (see definition under Funding Opportunity Description). This proposed training initiative should prepare qualified individuals for careers in developing new technologies and methods that will allow biomedical researchers to maximize the value of the growing volume and complexity of biomedical data. Awards will be made for five years. This FOA runs in parallel with FOAs of identical scientific scope, RFA-HG-14-005 and RFA-HG-14-006, that utilize the T32 Institutional National Research Service Award (NRSA) and T15 Continuing Education Training Grants mechanisms, respectively.

Revisions to Add Biomedical Big Data Training to Active Institutional Training Grants (T32)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: RFA-HG-14-005

The purpose of this FOA is to solicit revisions (competitive supplements) to add a Big Data Science track to currently funded T32 institutional training grants for the expressed purpose of training the next generation of scientists who will develop computational and quantitative approaches and tools needed by the biomedical research community to work with biomedical Big Data in the biomedical sciences (see definition under Funding Opportunity Description). This proposed training initiative should prepare qualified individuals for careers in developing new technologies and methods that will allow biomedical researchers to maximize the value of the growing volume and complexity of biomedical data. The training grant to which the revision will be made should have a minimum of three years remaining at the time of application. Awards will be made as revisions to the parent T32 and cannot exceed the project period of the parent award. This FOA runs in parallel with FOAs of identical scientific scope, RFA-HG-14-004 and RFA-HG-14-006, that utilize the T32 Institutional National Research Service Award (NRSA) and T15 Institutional Training Grants mechanisms, respectively.
Strategic Alliances for Medications Development to Treat Substance Use Disorders (R01)

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


Contact: Jamie Biswas, 301/443-8096, jb168r@nih.gov

Solicitation number: PAR-13-334

The purpose of this FOA is to help leverage the strengths of two or more organizations toward a common goal of medications development. Project aims can range from the development of a new molecular entity to the expansion of an existing medications’ clinical indication(s), but each project should have a defined entry and exit point with the objective of advancement in the approval process. It is hoped that support for these collaborations will accelerate the rate of medications development for Substance Use Disorders. Budgets for direct costs may be up to $2M per year for a maximum of three years.

Advancing Exceptional Research on HIV/AIDS and Substance Abuse (R01)

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


Contact: Jacques Normand, 301/443-1470, jnormand@nida.nih.gov

Solicitation number: RFA-DA-15-005

This FOA will support highly innovative R01 applications on HIV/AIDS and drug abuse and will complement the Avant-Garde Award Program for HIV/AIDS research. The Avant-Garde award supports individuals who conduct high-risk, high-reward research and does not require a detailed research plan. Applications submitted under this FOA are expected to have a detailed research plan and preliminary data. This FOA focuses on innovative research projects that have the potential to open new areas of HIV/AIDS research and/or lead to new avenues for prevention and treatment of HIV/AIDS among substance abusers. The nexus with substance abuse should be clearly described. This FOA is open to both individual researchers and research teams and is not limited to any one area of research on HIV and substance use. NIDA intends to commit $2M in FY 2015 to fund 2-3 awards that will be funded over a five-year maximum project period.

Evaluating Natural Experiments in Healthcare to Improve Diabetes Prevention and Treatment (R18)

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


Contact: Varies with research interest

Solicitation number: PAR-13-365

The purpose of this FOA is to support research to evaluate large scale policies or programs related to healthcare delivery that are expected to influence diabetes prevention and care. This FOA is not intended to support the initiation and delivery of new policies or programs. Research support is for the evaluation of the effectiveness of healthcare programs and/or policies implemented independent of NIH grant funding. The goal is to support research that meaningfully informs clinical practice and health policy related to prevention or management of diabetes. Awards covering total project direct costs should generally be less than $500K over a maximum five-year project period.
Pragmatic Research in Healthcare Settings to Improve Diabetes Prevention and Care

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


Contact: Varies with research interest

Solicitation number: PAR-13-366

The purpose of this FOA is to support research to test approaches to improve diabetes treatment and prevention in existing healthcare settings. Applications are sought that test practical and potentially sustainable strategies, delivered in routine clinical care settings, to improve processes of care and health outcomes of individuals who are at risk for or have diabetes. The goal is that the research results will improve routine clinical practice and inform policy in representative healthcare settings. Awards covering total project direct costs should generally be less than $500K over a maximum five-year project period. This FOA runs in parallel with a FOA of identical scientific scope, PAR-13-367, that utilizes the R34 Planning Grant mechanism.

Planning Grants for Pragmatic Research in Healthcare Settings to Improve Diabetes Prevention and Care

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


Contact: Varies with research interest

Solicitation number: PAR-13-367

The purpose of this FOA is to support research to develop and pilot test approaches to improve diabetes treatment and prevention in existing healthcare settings. Applications should pilot test practical and potentially sustainable strategies, delivered in routine clinical care settings, to improve processes of care and health outcomes of individuals who are at risk for or have diabetes. The goal is that, if the pilot study shows promise, the data from the R34 will be used to support a full scale trial that could improve routine clinical practice and inform policy in representative healthcare settings. Direct costs of up to $150K per year are allowed over a maximum two-year project period. This FOA runs in parallel with a FOA of identical scientific scope, PAR-13-366, that utilizes the R18 Research Demonstration and Disseminations Projects mechanism.

Detection of Pathogen-Induced Cancer (DPIC) (R01)

National Institutes of Health, National Cancer Institute (NCI)


Contact: Jacob Kagan, 301/435-1594, kaganj@mail.nih.gov

Solicitation number: PAR-13-190

The purpose of this FOA is to encourage research projects which focus on the interactions of carcinogenic pathogens with the human microbiome and the host for the detection of pathogen-induced cancer (DPIC). This FOA encourages research to assess molecular signatures associated with risk and early detection of pathogen-induced cancer and chronic inflammation associated with progression to invasive cancer. Application budgets are not limited, but need to reflect actual needs of the proposed project. The maximum project period is five years. There are four additional FOAs issued under the DPIC Initiative that cover additional types of projects at different stages: 1) PAR-13-172, R01 Revisions; 2) PAR-13-173, U01 Research Project – Cooperative Agreements Revisions; 3) PAR-13-171, P01 Program Project Grant Revisions; and 4) PAR-13-170, P50 Specialized Centers Revisions.
Imaging and Biomarkers for Early Cancer Detection (R01)

National Institutes of Health, National Cancer Institute (NCI)


Contact: Varies with research interest

Solicitation number: PAR-13-189

This FOA invites research project (R01) applications that combine imaging and biomarkers. The overall objective of this FOA is to facilitate collaborative imaging and biomarker research to improve cancer screening, early cancer detection and diagnosis by integrating multi modality imaging strategies and multiplexed biomarker methodologies. Application budgets are not limited, but need to reflect the actual needs of the proposed project. The maximum project period is five years. This FOA runs in parallel with other FOAs of identical scientific scope: 1) PAR-13-177, R01 Research Project Grant Revisions; 2) PAR-13-176, U01 Research Project - Cooperative Agreements Revisions; 3) PAR-13-175, P01 Program Project Grant Revisions; and 4) PAR-13-174, P50 Specialized Centers Revisions.

Undergraduate Research Education Program (UP) to Enhance Diversity in the Environmental Health Sciences

National Institutes of Health

http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-14-004.html - Section VII. Agency 1

Contact: Michael Humble, 919/316-4621, humble@niehs.nih.gov

Solicitation number: RFA-ES-14-004

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The goal of this NIEHS undergraduate research education R25 program is to support educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce in the environmental health sciences. To this end, this funding opportunity announcement encourages the development of creative educational activities with a primary focus on research experiences for undergraduates at the junior and senior level. The maximum award is $100K per year for up to five years.

The Use of Polyethylene Glycol in the Pediatric Population (R01)

National Institutes of Health


Contact: Lucie Yang, 301/796-5112, Lucie.Yang@fda.hhs.gov

Solicitation number: RFA-FD-14-088

The purpose of the proposed study is to better understand the extent of pediatric accumulation of low molecular weight (LMW) species that may be found in PEG 3350 products (e.g., ethylene and diethylene glycol) and of PEG 3350 metabolites. PEG 3350 products are used in the treatment of constipation. If present in the product when administered and/or produced in the gut and absorbed, these metabolites and LMW species may accumulate in children taking PEG 3350 products -- potentially leading to adverse events. This is an important first step needed to begin to understand if PEG 3350 use contributes to adverse events in children due to the absorption of these species. The maximum award is $325K for up to one year.
Role of Environmental Chemical Exposures in the Development of Obesity, Type 2 Diabetes & Metabolic Syndrome
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-12-184
This FOA encourages grant applications to understand the role of environmental chemical exposures in the development of obesity, type 2 diabetes and/or metabolic syndrome. Applications must link an environmental exposure to the increased incidence of weight gain, type 2 diabetes and aspects of metabolic syndrome in animal models or human studies. While any exposure window is acceptable it is anticipated that the most sensitive time for exposures to affect the disease outcomes will be during development e.g., in utero and/or neonatal or early childhood. For human studies developmental exposures (in utero and early childhood) should be linked to early biomarkers of disease onset. Animal studies should focus on identifying new environmental chemicals that alter weight gain, insulin sensitivity and glucose tolerance and altered lipid metabolism indicative of obesity, type 2 diabetes and/or metabolic syndrome. Application budgets are limited to $275K in direct costs over two years, with no more than $200K in direct costs allowed in any single year. This FOA runs in parallel with a FOA of identical scientific scope, PA-12-185, which utilizes the R01 Research Project Grant mechanism.

NIAMS Small Grant Program for New Investigators (R03)
National Institutes of Health, National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)
Contact: Su-Yau Mao, 301/594-5032, maos2@mail.nih.gov
Solicitation number: PAR-12-045
NIAMS is seeking small grant (R03) applications to stimulate and facilitate the entry of promising new investigators into research on arthritis and musculoskeletal and skin diseases and injuries. This FOA will provide support for pilot research that is likely to lead to a subsequent individual research project grant (R01). Clinical trials of any phase will not be supported by this FOA.

Small Grants Program for Cancer Epidemiology (R03)
National Institutes of Health, National Cancer Institute (NCI)
Contact: Mukesh Verma, 301/594-7344, vermam@mail.nih.gov
Solicitation number: PAR-12-039
This FOA encourages the submission of Small Research Grant (R03) applications for research on cancer etiology and epidemiology. The overarching goal of this FOA is to provide support for pilot projects, testing of new techniques, secondary analyses of existing data, development and validation of measurement methods, linkage of genetic polymorphisms with other variables related to cancer risk, and development of innovative projects for more comprehensive research in cancer etiology and epidemiology. Applicants may request a maximum budget of $50K per year for up to two years.
Environmental Contributors to Autism Spectrum Disorders (R01)

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


Contact: Cindy Lawler, 919/316-4671, lawler@niehs.nih.gov

Solicitation number: PAR-14-203

The purpose of this FOA is to stimulate and foster research to (1) identify environmental contributors to risk and expression of autism spectrum disorders (ASD) and (2) understand how environmental factors impact the underlying biologic processes implicated in ASD. A range of approaches are being encouraged by this FOA, from basic mechanistic studies using in vitro and in vivo model systems to studies that add new data collection activities and/or make use of extant data or biospecimens in existing human studies. Studies that address hypotheses related to the joint contribution of genes and environment are of particular interest. It is anticipated that knowledge gained from the research supported by this FOA will be used to inform public health prevention and intervention strategies. Application budgets are limited to $400K direct costs for each year over a maximum duration of five years. This FOA runs in parallel with a FOA of identical scientific scope, PAR-14-202, that utilizes the R21 Exploratory/Developmental Grant mechanism.

NIMHD Basic and Applied Biomedical Research on Minority Health and Health Disparities (R01)

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


Contact: Nishadi Rajapakse, 301/496-4338, chandima.rajapakse@nih.gov

Solicitation number: RFA-MD-14-005

This FOA solicits innovative grant applications on: 1) Biological and genetic research to explore disease mechanisms or pathways that influence health outcomes in minority and health disparity populations; and 2) Clinical and translational research linking basic science discovery with effective treatment or clinical practice. The overall goal of this initiative is to enhance our understanding of fundamental biological mechanisms involved in disease conditions and develop therapies or interventions that can directly or demonstrably contribute to the elimination of health disparities. Total direct costs are limited to $250K per year for up to five years. This FOA runs in parallel with a FOA of identical scientific scope, RFA-MD-14-004, that utilizes the R01 Research Project Grant mechanism.

Administrative Supplements for Minority Health and Mental Health Disparities Research (Admin Supp)

National Institutes of Health

http://www.grants.gov/web/grants/view-opportunity.html?oppId=255434

Contact: Charlene Le Fauve, 301/435-4582, charlene.lefauve@mail.nih.gov

Solicitation number: PA-14-238

The purpose of this FOA is to support Administrative Supplements to active NIMH grants to address mental health disparities among racial and ethnic groups in the United States. Specifically, supplements should clarify distinct mechanisms underlying differences in risk, resilience, morbidity, and optimal delivery of interventions for mental disorders among diverse racial and ethnic groups. The project and budget periods must be within the currently approved project period for the existing parent award. Supplements may be requested for up to two years of support.
Leveraging a Recovery Act Resource to Accelerate Research on Neurodevelopment (R01)

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


Contact: Shelli Avenevoli, 301/443-8316, avenevos@mail.nih.gov

Solicitation number: RFA-MH-15-400

This FOA aims to stimulate the broader research community to utilize a resource funded through the American Recovery and Reinvestment Act of 2009 (Recovery Act) to generate and evaluate hypotheses about the complex interrelationships and multi-directional influences among genetics, brain maturation, neurocognitive function, and psychiatric symptoms during development. This FOA is a strategic effort to disseminate this data resource, stimulate the broader research community to use the resource, and accelerate research on neurodevelopment and trajectories of risk for mental illness. Secondary goals of this initiative are to foster collaborations among researchers from diverse fields of expertise, enhance diversity of research questions and analytic approaches, advance methods for integration across data modalities and levels of analyses (i.e., imaging, genomics, behavior), and encourage inclusion of early stage investigators among these collaborations. Application budgets are limited to $350K annual direct costs for a maximum project period of three years.

Multidisciplinary Studies of HIV/AIDS and Aging (R01)

National Institutes of Health, Cross-Institute

http://grants.nih.gov/grants/guide/pa-files/PAR-12-175.html

Contact: Varies with research interest

Solicitation number: PAR-12-175

This FOA invites applications proposing to study HIV infection, HIV-associated conditions, HIV treatment, and/or biobehavioral or social factors associated with HIV/AIDS in the context of aging and/or in older adults. Research approaches of interest include clinical translational, observational, and intervention studies in domestic and international settings. The maximum project period is five years. This FOA runs in parallel with two FOAs of identical scientific scope, PAR-12-174, which utilizes the R21 Exploratory/Developmental Grant mechanism, and PAR-12-176, which utilizes the R03 Small Grant mechanism.

NIH Support for Conferences and Scientific Meetings

National Institutes of Health


Contact: 301/435-0714, GrantsInfo@nih.gov

Solicitation number: PA-13-347

The purpose of this FOA is to support high quality conferences that are relevant to the public health and to the scientific mission of the participating Institutes and Centers listed in the full announcement. A conference grant application is required to contain a permission-to-submit letter from any one of the participating Institutes and Centers (ICs) conference grant contact persons available in the FOA. Applicants are urged to initiate contact well in advance of the chosen application receipt date. Most ICs will accept applications for up to five years of support when a series of annual or biannual conferences are proposed by a permanently sponsoring organization.
NHLBI Systems Biology Collaborations (R01)
National Institutes of Health, National Heart, Lung, and Blood Institute (NHLBI)
Contact: Pankaj Qasba, 301/435-0050, qasbap@nhlbi.nih.gov
Solicitation number: PAR-12-138
This FOA encourages Research Project Grant (R01) applications from institutions/organizations that propose collaborative systems biology research projects by multi-disciplinary teams to advance our understanding of normal physiology and perturbations associated with heart, lung, blood, and sleep (HLBS) diseases and disorders. Multi-disciplinary expertise across experimental and computational domains is required, and the multi-PI mechanism is allowed, as integration across these domains is a critical element of the proposed research plan. The maximum project period is five years.

Biophysical and Biomechanical Aspects of Embryonic Development (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-13-207
This FOA encourages applications that propose to advance our knowledge in the area of the physics and mechanics of embryonic development. Applicants must propose hypothesis-driven developmental research with the prospect of gaining new and critical information about tissue mechanics relevant to vertebrate development and understanding the basis for developmental disorders. It should be noted that applications using the NIH R01 grant mechanism will require sufficient preliminary data to substantiate the validity of the proposed research and feasibility of new technologies or tools. The budget may not exceed $500K direct costs per year for a maximum of five years. This FOA runs in parallel with a FOA of similar scientific scope, PAR-13-206, that encourages applications under the NIH Exploratory/Developmental (R21) grant mechanism.

U.S.-India Bilateral Collaborative Research Partnerships (CRP) on Diabetes Research (R21)
National Institutes of Health
Contact: Barbara Linder, 301/594-0021, linderb@mail.nih.gov
Solicitation number: RFA-DK-14-006
This FOA invites Exploratory/Developmental (R21) applications from United States (U.S.)-funded institutions with an Indian institution partner to establish Collaborative Research Partnerships (CRP) to advance science and technology important to understanding, preventing, and treating diabetes and its complications. The U.S.-India Bilateral CRP Program is designed to develop collaborations between scientists and institutions in the United States and India to conduct high quality diabetes research of mutual interest and benefit to both countries while developing the basis for future institutional and individual scientific collaborations. The maximum award for this award is $275K for up to two years.
Cutting-Edge Basic Research Awards (CEBRA) (R21)

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


Contact: Susan Volman, 301/435-1315, svolman@mail.nih.gov

Solicitation number: PAR-12-086

This award is designed to foster highly innovative or conceptually creative research related to drug abuse and addiction and how to prevent and treat them. It supports research that is high-risk and potentially high-impact that is underrepresented or not included in NIDA's current portfolio. The proposed research should: 1) test a highly novel and significant hypothesis for which there are scant precedent or preliminary data and which, if confirmed, would have a substantial impact on current thinking; and/or 2) develop or adapt innovative techniques or methods for addiction research, or that have promising future applicability to drug abuse research. Direct costs are limited to $125K per year for up to two years.

Research Education Grants for Statistical and Computational Training in the Genetics of Addiction (R25)

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


Contact: Beth Babecki, 301/435-0899, bbabecki@nida.mail.nih

Solicitation number: PAR-12-199

The purpose of this FOA is to encourage applications focused on research education in statistical and computational models to address genetics-based problems in addiction. Eligible participants may include undergraduate, graduate, and/or postdoctoral level students and may include both US and non-US citizens. The direct costs are limited to $500K annually for a period of up to five years.

Technologies for Healthy Independent Living (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-14-118

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-14-119, which solicits applications under the R21 Exploratory/Developmental Grant. The maximum duration of a project period solicited under this FOA is five years.

Specialized Programs of Research Excellence (SPOREs) in Human Cancer for Years 2013 and 2014 (P50)

National Institutes of Health, National Cancer Institute (NCI), National Institute of Dental and Craniofacial Research (NIDCR), National Institute on Drug Abuse (NIDA)


Contact: Varies with research interest

Solicitation number: PAR-12-296

This program will fund 5-year P50 SPORE grants to support state-of-the-art investigator-initiated translational research that will contribute to improved prevention, early detection, diagnosis, and treatment of an organ-specific cancer (or a related group of cancers). SPOREs are expected not only to conduct a wide spectrum of research activities, but also to contribute significantly to the development of specialized shared resource core facilities (cores), improved research model systems, and collaborative research projects with other institutions. The research supported through this program must be translational in nature and must always be focused upon knowledge of human biology stemming from research using cellular, molecular, structural, biochemical, and/or genetic experimental approaches with the goal of a translational human endpoint within the 5 year term of the grant. In addition, SPOREs must include both a Developmental Research Program for pilot studies and a Career Development Program to foster careers in organ-based translational science. Applicants may request a maximum of $2.5M total costs per year for up to five years.
8/25/2014  Letter of Intent (optional)
9/24/2014  Application

Dual Purpose with Dual Benefit Research in Biomedicine and Agriculture Using Agriculturally Important Domestic S
Contact:  Varies with research interest
Solicitation number:  PAR-13-204
This FOA invites the submission of proposals that utilize agriculturally important domestic species to improve human health through the advancement of basic and translational research deemed highly relevant to both agricultural and biomedical research. This initiative is designed to facilitate and encourage comparative medicine research studies through the careful selection and refinement of farm animal models that mimic human developmental, physiological, and etiological processes to better understand disease origins and improve assisted reproduction efficiencies. It is envisioned that each proposal will address mission-relevant areas of both agencies. Application budgets are not limited but must reflect the actual needs of the proposed project. The maximum project period is five years.

9/3/2014  Letter of Intent (optional)
10/3/2014  Application

Dimensional Approaches to Research Classification in Psychiatric Disorders (R01)
National Institutes of Health, National Institute of Mental Health (NIMH)
Contact:  Michael Kozak, 301/443-6471, kozakm@mail.nih.gov
Solicitation number:  RFA-MH-15-500
This FOA seeks research grant applications designed to develop innovative ways of understanding mental disorders through classifying patients in clinical studies on the basis of experimental research criteria rather than traditional diagnostic categories. This FOA stems from the NIMH Research Domain Criteria (RDoC) project that is intended to further a long-range goal of contributing to diagnostic systems as informed by research on genetics, neuroscience, and behavior. The purpose of this FOA is to encourage applications to study mechanisms that may cut across multiple traditional diagnostic categories. Application budgets are limited to $400K annual direct costs. The maximum project period is five years.

9/5/2014  Letter of Intent (encouraged)
10/5/2014  Application

Estimating the Economic Costs of Alzheimer's Disease and Related Dementias (R01)
National Institutes of Health, National Institute on Aging (NIA)
http://grants.nih.gov/grants/guide/pa-files/PA-12-255.html
Contact:  Colin Baker, 301/402-4447, colin.baker@mail.nih.gov
Solicitation number:  PA-12-255
This FOA encourages research on the economic costs of Alzheimer's disease and related dementias, including direct and indirect costs to public and private health care payers, families and other informal caregivers, as well as labor market costs from reduced productivity or labor force participation. The maximum project period is five years. This FOA runs in parallel with FOAs of identical scientific scope: 1) PA-12-253, which utilizes the R03 Small Grant Program; and 2) PA-12-254, which utilizes the R21 Exploratory/Developmental Research Grant Award.

National Science Foundation (NSF)

Ongoing

Earth Sciences Instrumentation and Facilities (EAR IF)
National Science Foundation, Geosciences (GEO)
Contact:  Varies with research interest
Solicitation number:  NSF 11-544
The Instrumentation and Facilities Program in the Division of Earth Sciences (EAR/IF) supports meritorious requests for infrastructure that promotes research and education in areas supported by the Division. EAR/IF will consider proposals for: Development of New Instrumentation, Analytical Techniques, or Software; Support of National or Regional Multi-User Facilities; or Support for Early Career Investigators. Proposals for Acquisition or Upgrade of Research Equipment will not be accepted in the Fiscal Year 2012 competition.
Grant Opportunities for Academic Liaison with Industry (GOALI)
National Science Foundation, Cross-Directorate
Contact: Varies with research interest
Solicitation number: NSF 12-513
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.

NSF-FDA Scholar-in-Residence at FDA
National Science Foundation, Computer and Information Sciences and Engineering (CISE), Engineering (ENG)
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.

ADVANCE Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers
National Science Foundation, Cross-Directorate
Contact: Kelly Mack, 703/292-8575, kmack@nsf.gov
Solicitation number: NSF 12-584
The goal of the ADVANCE program is to develop systemic approaches to increase the representation and advancement of women in academic science, technology, engineering and mathematics (STEM) careers, thereby contributing to the development of a more diverse science and engineering workforce. For this deadline, the program will support Institutional Transformation (IT) awards. IT awards are expected to include innovative systemic organizational approaches to transform institutions of higher education in ways that will increase the participation and advancement of women in STEM academic careers. These awards support comprehensive programs for institution-wide change. NSF expects to make approximately seven Institutional Transformation five-year awards, at various award sizes. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

High-Risk Research in Biological Anthropology and Archaeology (HRRBAA)
National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)
Contact: John Yellen, 703/292-8759, jyellen@nsf.gov
Solicitation number: NSF 08-523
Anthropological research may be conducted under unusual circumstances, often in distant locations. As a result the ability to conduct potentially important research may hinge on factors that are impossible to assess from a distance and some projects with potentially great payoffs may face difficulties in securing funding. This program gives small awards that provide investigators with the opportunity to assess the feasibility of an anthropological research project. The information gathered may then be used as the basis for preparing a more fully developed research program. Projects which face severe time constraints because of transient phenomena or access to materials may also be considered. Individual awards are limited to $35K and one year duration.
Ongoing

**SBE Doctoral Dissertation Research Improvement Grants (SBE DDRIG)**

National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)


Contact: Varies with research interest

Solicitation number: NSF 11-547

The National Science Foundation’s Division of Behavioral and Cognitive Sciences (BCS) awards grants to doctoral students to improve the quality of dissertation research. These grants provide funds for items not normally available through the student’s university and allow doctoral students to undertake significant data-gathering projects and to conduct field research in settings away from their campus that would not otherwise be possible. Proposals are judged on the basis of their scientific merit, including the theoretical importance of the research question and the appropriateness of the proposed data and methodology to be used in addressing the question. The following Programs support dissertation research: Archaeology, Cultural Anthropology, Documenting Endangered Languages, Geography and Spatial Sciences, Linguistics, Biological Anthropology, Decision, Risk and Management Sciences, Economics, Law and Social Science, Methodology, Measurement, and Statistics, Political Science, Science, Technology, and Society, Sociology, Research on Science and Technology Surveys and Statistics Program, and Science of Science and Innovation Policy.

Ongoing

**OFR-NSF Partnership in Support of Research Collaborations in Finance Informatics**

National Science Foundation


Contact: Vasant Honavar, vhonavar@nsf.gov

Solicitation number: NSF 13-093

NSF and OFR have established a collaboration centered on Computational and Information Processing Approaches to and Infrastructure in support of, Financial Research and Analysis and Management (hereafter referred to as CIFRAM) to identify and fund a small number of exploratory but potentially transformative CIFRAM research proposals. The collaboration enables OFR to support a broad range of financial research related to OFR’s mission, including research on potential threats to financial stability. It also assists OFR with the goal of promoting and encouraging collaboration between the government, the private sector, and academic institutions interested in furthering financial research and analysis. The collaboration enables the NSF to nurture fundamental CISE research on a variety of topics including algorithms, informatics, knowledge representation, and data analytics needed to advance the current state of the art in financial research and analysis. Proposals that involve collaborations between Computer Scientists, Mathematicians, Statisticians, and experts in Financial Risk Analysis and Management are especially welcome.

Ongoing

**Networking Technology and Systems (NeTS - JUNO)**

National Science Foundation


Contact: Joseph Lyles, 703/292-8950, jlyles@nsf.gov

Solicitation number: NSF 13-574

The National Science Foundation (NSF) and the National Institute of Information and Communications Technology (NICT) of Japan have agreed to embark on a collaborative research program to address compelling research challenges that arise from networks supporting future demands of device proliferation and data objects. This NSF solicitation parallels an equivalent NICT solicitation. Proposals submitted under this solicitation must describe joint research with Japanese counterparts who are requesting funding separately under the NICT solicitation. This research and development program addresses three specific challenges that arise when environments with trillions of device and information objects are connected via networks: 1) Network Design and Modeling; 2) Mobility; and 3) Optical Networking. Each award may be up to $300K over three years.
Industry/University Cooperative Research Centers Program (I/UCRC)

National Science Foundation


Contact: Varies with research interest

Solicitation number: NSF 13-594

This program develops long-term partnerships among industry, academe, and government. The centers are catalyzed by a small investment from the National Science Foundation (NSF) and are primarily supported by industry center members, with NSF taking a supporting role in the development and evolution of the center. Each center is established to conduct research that is of interest to both the industry members and the center faculty. An I/UCRC not only contributes to the Nation's research infrastructure base and enhances the intellectual capacity of the engineering and science workforce through the integration of research and education, but also encourages and fosters international cooperation and collaborative projects.

Software Infrastructure for Sustained Innovation - SSE & SSI (SI2 - SSE&SSI)

National Science Foundation, Cross-Directorate


Contact: Varies with research interest

Solicitation number: NSF 14-520

NSF has established the Software Infrastructure for Sustained Innovation (SI2) program, with the overarching goal of transforming innovations in research and education into sustained software resources that are an integral part of the cyberinfrastructure. SI2 is a long-term investment focused on catalyzing new thinking, paradigms, and practices in developing and using software to understand natural, human, and engineered systems. SI2’s intent is to foster a pervasive cyberinfrastructure to help researchers address problems of unprecedented scale, complexity, resolution, and accuracy by integrating computation, data, networking, observations and experiments in novel ways. NSF expects that its SI2 investment will result in robust, reliable, usable and sustainable software infrastructure that is critical to achieving the CIF21 vision and will transform science and engineering while contributing to the education of next generation researchers and creators of future cyberinfrastructure. Education at all levels will play an important role in integrating such a dynamic cyberinfrastructure into the fabric of how science and engineering is performed. The SI2 program includes two classes of awards: 1) Scientific Software Elements (SSE): SSE awards target small groups that will create and deploy robust software elements for which there is a demonstrated need that will advance one or more significant areas of science and engineering; and 2) Scientific Software Integration (SSI): SSI awards target larger, interdisciplinary teams organized around the development and application of common software infrastructure aimed at solving common research problems. SSI awards will result in a sustainable community software framework serving a diverse community.

Biological Anthropology Program Doctoral Dissertation Research Improvement Grants (BA-DDRIG)

National Science Foundation


Contact: Carolyn Ehardt, 703/292-7850, cehardt@nsf.gov

Solicitation number: NSF 14-561

This FOA supports multifaceted research which advances scientific knowledge of human biology and ecology, including understanding of our evolutionary history and mechanisms which have shaped human and nonhuman primate biological diversity. Supported research focuses on living and fossil forms of both human and nonhuman primates, addressing time scales ranging from the short-term to evolutionary, encompassing multiple levels of organization and analysis (molecular and organismal, to the population and ecosystem scales), and conducted in field, laboratory, and captive research environments. Areas of inquiry which promote understanding of the evolution, biology, and adaptability of our diverse species include, but are not limited to, human genetic and epigenetic variation and relationships to phenotype; human and nonhuman primate ecology, socioecology, functional anatomy and skeletal biology; human and nonhuman primate paleontology; and the anthropological science of forensics. Multidisciplinary research which fully integrates biological anthropology with other anthropological fields, such as bioarchaeological or biocultural research, also receives support through the Program. Proposal budgets cannot exceed $20K in direct costs.
Petascale Computing Resource Allocations (PRAC)
National Science Foundation, Office of Cyberinfrastructure
Contact: Irene Qualters, 703/292-2339, iqualter@nsf.gov
Solicitation number: NSF 08-529
The purpose of this solicitation is to invite research groups that have a compelling science or engineering challenge that will require petascale computing resources to submit requests for allocations of resources on the Blue Waters system. Proposers must be prepared to demonstrate that they have a science or engineering research problem that requires and can effectively exploit the petascale computing capabilities offered by Blue Waters. Proposals from or including junior researchers are encouraged as one of the goals of this solicitation is to build a community capable of using petascale computing.

Geoinformatics (GI)
National Science Foundation, Geosciences (GEO)
Contact: Leonard Johnson, 703/292-8559, lejohnso@nsf.gov
Solicitation number: NSF 11-581
Proposals for the development of cyberinfrastructure for the geosciences (Geoinformatics) are solicited. NSF seeks the development and implementation of enabling information technology with impacts that extend beyond an individual investigator or small group of investigators and that facilitates the next generation of geosciences research. Proposals to this solicitation may seek support for community-driven development and implementation of databases; tools for data integration, interoperability, and visualization; software development and code hardening; and data-intensive/new computing methodologies that support the enhancement of geosciences research and education activities. Collaboration with computational scientists and the development of public/private partnerships are strongly encouraged. 5 to 10 awards will be made.

Archaeology and Archaeometry
National Science Foundation
Contact: John Yellen, 703/292-8759, jyellen@nsf.gov
Solicitation number: PD 98-1391
The Archaeology Program provides support for anthropologically relevant archaeological research at both a "senior" and doctoral dissertation level. It also funds anthropologically significant archaeometric research and high risk exploratory research proposals. For more information about multi-disciplinary research and training opportunities, please visit the SBE Office of Multidisciplinary Activities (SMA) website.
Theory Institute in Atomic, Molecular and Optical Physics - Limited Submission

National Science Foundation, Mathematical and Physical Sciences (MPS)


Contact: Ann Orel, 703/292-2163, aorel@nsf.gov

Solicitation number: NSF 14-570

The Theory Institute in Atomic, Molecular and Optical (AMO) Physics will be a center to advance theoretical AMO physics and lead in motivating and explaining new experimental work in AMO and other areas of science. The goal of this institute is to foster cutting edge research, serve as a focus for theoretical AMO science, and to enhance the visibility of the field. It will bring together diverse groups both inside and outside of the AMO community to promote connections leading to frontier science, while fostering a vibrant environment at all levels from student to senior investigator. Funding for the institute is designed to foster major breakthroughs at the intellectual frontier of AMO physics by providing resources beyond those available to individual investigators or small groups, in an environment in which the collective efforts of the larger group can be shown to be seminal to promoting significant progress in the science and the education of students. Although interdisciplinary aspects may be included, the bulk of the effort must fall within theoretical atomic, molecular, and optical physics within the purview of the Division of Physics. The successful institute will demonstrate: (1) the potential to advance AMO science; (2) creative, substantive activities aimed at enhancing education, diversity, and public outreach; (3) potential for broader impacts, e.g., impacts on other field(s) and benefits to society; and (4) a synergy or value-added rationale that justifies a center- or institute-like approach. The anticipated award is $2.5M - $5M over five years, with an option to apply for a five-year renewal.

Advancing Informal STEM Learning (AISL)

National Science Foundation, Education and Human Resources (EHR)


Contact: 703/292-8616, DRLISE@nsf.gov

Solicitation number: NSF 14-555

The Advancing Informal STEM Learning (AISL) program seeks to advance new approaches to and evidence-based understanding of the design and development of STEM learning in informal environments; provide multiple pathways for broadening access to and engagement in STEM learning experiences; advance innovative research on and assessment of STEM learning in informal environments; and develop understandings of deeper learning by participants. The AISL program supports six types of projects: (1) Pathways, (2) Research in Service to Practice, (3) Innovations in Development, (4) Broad Implementation, (5) Conferences, Symposia, and Workshops, and (6) Science Learning+ Proposals. Funding varies for these categories (see full FOA for details).

Law & Social Sciences (LSS)

National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)


Contact: Christian Meissner, 703/292-7808, cmeissne@nsf.gov

Solicitation number: NSF 12-507

This program considers proposals that address social scientific studies of law and law-like systems of rules. The program is inherently interdisciplinary and multi-methodological. Successful proposals describe research that advances scientific theory and understanding of the connections between law or legal processes and human behavior. LSS provides the following modes of support: 1) Standard Research Grants and Grants for Collaborative Research; 2) Doctoral Dissertation Research Improvement Grants; 3) Interdisciplinary Postdoctoral Fellowships; and 4) Workshop and Conference Proposals. Approximately 75 awards will be made.
**Linguistics**

National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)


Contact: Joan Maling, (703) 292-8046, jmaling@nsf.gov

Solicitation number: PD 98-1311

NSF accepts unsolicited proposals on basic science in the domain of human language, encompassing investigations of the grammatical properties of individual human languages, and of natural language in general. Research areas include syntax, semantics, morphology, phonetics, and phonology. This program encourages projects that are interdisciplinary in methodological or theoretical perspective, and that address questions that cross disciplinary boundaries.

---

**Social Psychology**

National Science Foundation

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5712

Contact: Sally Dickerson, 703/292-7277, sdickers@nsf.gov

Solicitation number: PD 98-1332

This program supports basic research on human social behavior, including cultural differences and development over the life span. Among the many research topics supported are: attitude formation and change, social cognition, personality processes, interpersonal relations and group processes, the self, emotion, social comparison and social influence, and the psychophysiological and neurophysiological bases of social behavior. The scientific merit of a proposal depends on the following factors: 1) The problems investigated must be theoretically grounded; 2) The research should be based on empirical observation or be subject to empirical validation, 3) The research design must be appropriate to the questions asked; and 4) The proposed research must advance basic understanding of social behavior.

---

**Linguistics Program - Doctoral Dissertation Research Improvement Awards (Ling-DDRI)**

National Science Foundation, Cross-Directororate, Social, Behavioral, and Economic Sciences (SBE)


Contact: William Badecker, 703/292-5069, wbadecke@nsf.gov

Solicitation number: NSF 14-551

The Linguistics Program supports basic science in the domain of human language, encompassing investigations of the grammatical properties of individual human languages, and of natural language in general. Research areas include syntax, linguistic semantics and pragmatics, morphology, phonetics, and phonology. The program encourages projects that are interdisciplinary in methodological or theoretical perspective, and that address questions that cross disciplinary boundaries, such as (but not limited to): 1) What are the psychological processes involved in the production, perception, and comprehension of language? 2) What are the computational properties of language and/or the language processor that make fluent production, incremental comprehension or rapid learning possible? 3) How do the acoustic and physiological properties of speech inform our theories of language and/or language processing? 4) What role does human neurobiology play in shaping the various components of our linguistic capacities? The total direct costs for awards may not exceed $12K.
Geobiology and Low-Temperature Geochemistry

National Science Foundation, Geosciences (GEO)


Contact: Enriqueta Barrera, 703/292-8551, ebarrera@nsf.gov

Solicitation number: NSF 09-552

This program supports research on: 1) the interactions between biological and geological systems at all scales of space and time; 2) geomicrobiology and biomineralization processes; 3) the role of life in the transformation and evolution of the Earth’s geochemical cycles; 4) inorganic and organic geochemical processes occurring at or near the Earth’s surface now and in the past, and at the broad spectrum of interfaces ranging in scale from planetary and regional to mineral-surface and supramolecular; 5) mineralogy and chemistry of soils and sediments; 6) surficial chemical and biogeochemical systems and cycles and their modification through natural and anthropogenic change; and 7) development of tools, methods, and models for low-temperature geochemistry and geobiological research - such as those emerging from molecular biology - in the study of the terrestrial environment. This program is especially interested in proposals in emerging fields. Anticipated funding is $5.2M annually for 30-40 standard awards.

Geomorphology and Land Use Dynamics

National Science Foundation, Geosciences (GEO)


Contact: Paul Cutler, 703/292-8548, pcutler@nsf.gov

Solicitation number: NSF 14-550

This program supports innovative research into processes that shape and modify landscapes over a variety of length and time scales. The program encourages research that investigates quantitatively the coupling and feedback among such processes, their rates, and their relative roles, especially in the contexts of variation in climatic and tectonic influences and in light of changes due to human impact. Anticipated funding is $5M for a total of 25 to 35 standard or continuing grants per year.

Coupling, Energetics, and Dynamics of Atmospheric Regions (CEDAR)

National Science Foundation, Geosciences (GEO)


Contact: Robert Robinson, 703/292-8529, rmrobinson@nsf.gov

Solicitation number: NSF 14-545

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.
Sedimentary Geology and Paleobiology (SGP)
National Science Foundation, Geosciences (GEO)
Contact: Lisa Park Boush, 703/292-4724, lboush@nsf.gov
Solicitation number: NSF 12-608
SGP supports research in a wide variety of areas in sedimentary geology and paleobiology in order to comprehend the full range of physical, biological, and chemical processes of Earth's dynamic system. The program supports the study of deep-time records of these processes archived in the Earth's sedimentary carapace (crust) at all spatial and temporal scales. These records are fingerprints of the processes that produced them and continue to shape the Earth. For the years 2013-2017, the Sedimentary Geology and Paleobiology Program will be sponsoring a two track opportunity that will consist of the normal SGP competition (Track 1) and bi-annually, a new track termed Earth-Life Transitions (ELT) (Track 2). Track 1: General Program supports general studies of: 1) the changing aspects of life, ecology, environments, and biogeography in past geologic time based on fossil plants, animals, and microbes; 2) all aspects of the Earth's sedimentary carapace - insights into geological processes recorded in its records and rich organic and inorganic resources locked in rock sequences; 3) the science of dating and measuring the sequence of events and rates of geological processes as manifested in Earth's past sedimentary and biological (fossil) record; 4) the geologic record of the production, transportation, and deposition of physical and chemical sediments; and 5) understanding Earth's deep-time (pre-Holocene) climate systems. Track 2: Earth-Life Transitions: The goals of the ELT track are: 1) to address critical questions about Earth-Life interactions in deep-time through the synergistic activities of multi-disciplinary science and 2) to enable team-based interdisciplinary projects involving stratigraphy, sedimentology, paleontology, proxy development, calibration and application studies, geochronology, and climate modeling at appropriately resolved scales of time and space, to understand major linked events of environmental, climate and biotic change at a mechanistic level. Anticipated funding is $6M annually for Track 1 and $4M biannually for Track 2.

Earth Sciences Postdoctoral Fellowships (EAR-PF)
National Science Foundation, Geosciences (GEO)
Contact: Lina Patino, 703/292-5047, lpatino@nsf.gov
Solicitation number: NSF 13-548
The Division of Earth Sciences (EAR) awards Postdoctoral Fellowships to recent recipients of doctoral degrees for research and training in topics relevant to Earth sciences. The fellows must develop and implement: 1) research projects that seek to address scientific questions within the purview of EAR programs; and 2) plans to broaden participation in Earth sciences. The program supports researchers for a period of up to 2 years with fellowships that can be taken to the institution of their choice (including facilities abroad). The program is intended to recognize beginning investigators of significant potential, and provide them with research experience, mentorship, and training that will establish them in leadership positions in the Earth Sciences community. The total fellowship amount is $87K per year.

Faculty Early Career Development (CAREER) Program
National Science Foundation
Contact: Varies with research interest
Solicitation number: NSF 14-532
The Faculty Early Career Development (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation'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. The minimum CAREER award will total $400K for the 5-year duration. Applicants must be, by October 1, 2011, employed in a tenure-track position at the assistant professor level or equivalent. CAREER awardees who are also U.S. citizens or permanent residents may then be considered for the Presidential Early Career Award for Scientists and Engineers (PECASE), the highest honor in the field from the U.S. government.
Catalyzing New International Collaborations

National Science Foundation


Contact: R. Clive Woods, 703/292-8710, OISE-CNIC@nsf.gov

Solicitation number: NSF 13-605

This program supports the participation of U.S. researchers and students in activities intended to catalyze new international collaborations. NSF may consider proposals for collaborations with any country that is not explicitly proscribed by the Department of State. Activities can be in any field of science and engineering research and education supported by the NSF. The integration of research and education and of diversity into NSF programs, projects, and activities will be carefully considered. It is anticipated that approximately 20-40 awards will be made annually at a total investment of $2M, subject to the availability of funds. Proposals will be accepted anytime at least nine months prior to the expected date of the proposed activity.

Decision Frameworks for Multi-Hazard Resilient and Sustainable Buildings (RSB)

National Science Foundation, Engineering (ENG)


Contact: Varies with research interest

Solicitation number: NSF 14-557

The goal of this FOA is to advance knowledge for new concepts for multi-hazard resilient and sustainable SFSE building systems using decision frameworks for selection among alternative building system designs. Research for multi-hazard resilient and sustainable SFSE building systems supported under this solicitation must include the consideration of a rational decision framework, preferences, concepts for SFSE systems, and design optimization methods for generating and choosing among alternative SFSE systems. This solicitation does not support research that generically addresses materials research or decision frameworks outside the context of decision making for multi-hazard resilient and sustainable SFSE building systems. Awards for single institution proposals and collaborative proposals in total may range from $800K to $1.2M total, for up to four years.

Instrument Development for Biological Research (IDBR)

National Science Foundation, Biological Sciences (BIO)


Contact: Joyce Fernandes, 703/292-2209, jfernand@nsf.gov

Solicitation number: NSF 13-561

The IDBR Program supports the development of instrumentation that addresses demonstrated needs in biological research. The program accepts two types of proposals: 1) Innovation Proposals for the development of innovative instrumentation that permits new kinds of measurements, or instruments that significantly improve current technologies by at least an order of magnitude in fundamental aspects; and 2) Bridging Proposals for transforming, 'one of a kind' prototypes or high-end instruments into devices that are broadly available and utilizable without loss of capacity. The period of support requested for Innovation proposals should not exceed 36 months and should not exceed 24 months for Bridging proposals.

Science and Technology Centers - Integrative Partnerships 2014 - Limited Submission

National Science Foundation

TBD

Contact: TBD

Solicitation number: TBD for 2014 Solicitation

The National Science Foundation will be releasing the new solicitation for Science and Technology Centers (STC) shortly. The Office of Research is initiating the campus limited submission process before the solicitation comes out so that the campus teams will have more time to prepare before the NSF due dates. Based on recent discussions with the NSF, the upcoming solicitation should not vary significantly from the last solicitation released in 2011 (see http://www.nsf.gov/pubs/2011/nsf11522/nsf11522.htm ), which states that each institution may submit up to three preliminary proposals.
Opportunities for Promoting Understanding through Synthesis (OPUS)

National Science Foundation, Biological Sciences (BIO)


Contact: William McDowell, 703/292-4255, wmcdowel@nsf.gov

Solicitation number: NSF 14-559

This FOA encourages the submission of proposals aimed at synthesizing a body of related research projects conducted by a single individual or a group of investigators over an extended period. OPUS proposals will often be appropriately submitted in mid-to-late career, but will also be appropriate early enough in a career to produce unique, integrated insight, useful both to the scientific community and to the development of the investigator’s future work. In cases where multiple scientists have worked collaboratively, an OPUS award will provide support for collaboration on a synthesis. It is estimated that six to eight awards will be made annually, and the anticipated award size is $125K to $200K.

Science, Technology, and Society (STS)

National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)


Contact: Frederick Kronz, 703/292-7283, fkronz@nsf.gov

Solicitation number: NSF 12-509

STS considers proposals for scientific research into the interface between science (including engineering) or technology, and society. STS researchers use diverse methods including social science, historical, and philosophical methods. Successful proposals will be transferrable (i.e., generate results that provide insights for other scientific contexts that are suitably similar). They will produce outcomes that address pertinent problems and issues at the interface of science, technology and society, such as those having to do with practices and assumptions, ethics, values, governance, and policy. Approximately 40 Standard, Continuing Grant, or Fellowship awards will be made.

Division of Integrative Organismal Systems

National Science Foundation


Contact: Varies with research interest

Solicitation number: NSF 13-600

The Division of Integrative Organismal Systems (IOS) supports research aimed at understanding why organisms are structured the way they are and function as they do. Proposals should focus on organisms as a fundamental unit of biological organization. Principal Investigators (PIs) are encouraged to apply systems approaches that will lead to conceptual and theoretical insights and predictions about emergent organismal properties. Areas of inquiry include, but are not limited to, developmental biology and the evolution of developmental processes, nervous system development, structure, and function, physiological processes, functional morphology, symbioses, interactions of organisms with biotic and abiotic environments, and animal behavior. Proposals are welcomed in all areas of science supported by the Division of Integrative Organismal Systems which include: 1) the Behavioral Systems Cluster; 2) the Developmental Systems Cluster; 3) the Neural Systems Cluster; and 4) the Physiological and Structural Systems Cluster. All investigator-initiated proposals to the core programs in the Division of Integrative Organismal Systems must now be invited based on merit review of preliminary proposals. There is a single submission deadline with a limit of 2 preliminary proposals per investigator per year as PI or co-PI in response to this solicitation. There are no limits on the number of proposals submitted as collaborator or senior personnel. These limits do not pertain to proposals submitted in response to other NSF solicitations.
Science, Technology, and Society (STS)

National Science Foundation
Contact: Frederick Kronz, 703/292-7283, fkronz@nsf.gov
Solicitation number: NSF 12-509

The Science, Technology, and Society Program (STS) supports scientific research that examines relationships between science (including engineering), technology, and society. The program supports proposals on a broad range of topics related to science and society, and it especially welcomes proposals that focus on: 1) How ethical issues and values interconnect with science and technology, and how norms and values institutionalized in science and technology engage with society; and 2) How policy choices affect scientific and technological knowledge production and innovation, and on how scientific and technical knowledge and innovation affect policy decisions. Successful proposals are transferrable and articulate a detailed research plan. The average award size is anticipated to be $155K depending on availability of funds.

Wireless Innovation between Finland and US (WiFiUS)

National Science Foundation, Computer and Information Sciences and Engineering (CISE), Cross-Directorate, Engineering (ENG)
Contact: Varies with research interest
Solicitation number: NSF 14-563

In 2011, the NSF, Tekes - the Finnish Funding Agency for Innovation, and the Academy of Finland jointly funded the Wireless Innovation between Finland and US (WiFiUS) SAVI (Science Across Virtual Institutes) to help build long-term research and education collaborations between the two world leaders of wireless networking. Given the success of the WiFiUS SAVI, NSF, Tekes, and the Academy of Finland have agreed to embark on a collaborative research program to enlarge the SAVI effort and address compelling research challenges on novel frameworks, architectures, protocols, methodologies and tools for the design and analysis of robust and highly dependable wireless networks, including cognitive radio networks. General topic areas include, but are not limited to, the following: spectrum sensing and spectrum sharing; network security and capacity; coexistence of legacy and future systems; network architectures; heterogeneous network design; resource allocation; quality of service; energy efficiency; interference management and alignment; device-to-device communication; cooperation/coordination methods among wireless clients; configurable antennas; and millimeter wave communications. Each award may be up to $300K over two years.

Division of Environmental Biology (CORE programs) (DEB)

National Science Foundation, Biological Sciences (BIO)
Contact: 703/292-8480, debquestions@nsf.gov
Solicitation number: NSF 14-503

This program supports fundamental research on populations, species, communities, and ecosystems. Scientific emphases range across many evolutionary and ecological patterns and processes at all spatial and temporal scales. Areas of research include biodiversity, phylogenetic systematics, molecular evolution, life history evolution, natural selection, ecology, biogeography, ecosystem structure, function and services, conservation biology, global change, and biogeochemical cycles. About 200 awards will be made each year. The Division also welcomes proposals for Small Grants to the core programs via this solicitation. Projects intending total budgets of $150K or less should be identified as such with the designation "SG:" as a prefix to the project title. These awards are intended to support full-fledged research projects that simply require smaller budgets. Small Grant projects will be assessed based on the same merit review criteria as all other proposals.
Advances in Biological Informatics (ABI)
National Science Foundation, Biological Sciences (BIO)
Contact: Anne Maglia, 703/292-8470, dbiabi@nsf.gov
Solicitation number: NSF 12-567
The ABI program seeks to encourage new approaches to the analysis and dissemination of biological knowledge for the benefit of both the scientific community and the broader public. This program is especially interested in the development of informatics tools and resources that have the potential to advance, or transform, research in biology. The ABI program accepts three major types of proposals: Innovation awards that seek to pioneer new approaches to the application of informatics to biological problems; Development awards that seek to provide robust cyberinfrastructure that will enable transformative biological research; and Sustaining awards that seek to support ongoing operations and maintenance of existing cyberinfrastructure that is critical for continued advancement of priority biological research.

NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) 2015 - Limited Submission
National Science Foundation
Contact: Joyce Evans, 703/292-5098, jevans@nsf.gov
Solicitation number: NSF 12-529
This program makes grants to institutions of higher education to support scholarships for academically talented students demonstrating financial need, enabling them to enter the STEM workforce or STEM graduate school following completion of an associate, baccalaureate, or graduate-level degree in science, technology, engineering or mathematics disciplines. Grantee institutions are responsible for selecting scholarship recipients, reporting demographic information about student scholars, and managing the S-STEM project at the institution. The maximum award is $600K in direct costs over five years. Annual budgets are limited to $225K.

Cultural Anthropology Program Doctoral Dissertation Research Improvement Grants (CA-DDRIG)
National Science Foundation
Contact: Deborah Winslow, 703/292-7315, dwinslow@nsf.gov
Solicitation number: NSF 14-560
The primary objective of the Cultural Anthropology Program is to support basic scientific research on the causes, consequences, and complexities of human social and cultural variability. Anthropological research spans a wide gamut, and contemporary cultural anthropology is an arena in which diverse research traditions and methodologies are valid. Recognizing the breadth of the field’s contributions to science, the Cultural Anthropology Program welcomes proposals for empirically grounded, theoretically engaged, and methodologically sophisticated research in all sub-fields of cultural anthropology. Because the National Science Foundation’s mandate is to support basic research, the NSF Cultural Anthropology Program does not fund research that takes as its primary goal improved clinical practice or applied policy. The total direct costs for CA DDRIG awards may not exceed $20K.

Solar, Heliospheric, and Interplanetary Environment (SHINE)
National Science Foundation, Geosciences (GEO)
Contact: Ilia Roussev, 703/292-8518, iroussev@nsf.gov
Solicitation number: NSF 04-585
Proposals are solicited for research directly related to topics under consideration and discussion at community workshops organized by SHINE. Information on the current activities of SHINE may be found at the following web site: http://www.shinecon.org. Under this solicitation, proposals may be submitted for any funding amount up to $200K per year.
Research Experiences for Undergraduates (REU) Sites and Supplements

National Science Foundation


Solicitation number: NSF 13-542

The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This solicitation features two mechanisms for support of student research: (1) REU Sites are based on independent proposals to initiate and conduct projects that engage a number of students in research. REU Sites may be based in a single discipline or academic department or may offer interdisciplinary or multi-department research opportunities with a coherent intellectual theme. Proposals with an international dimension are welcome. (2) REU Supplements may be included as a component of proposals for new or renewal NSF grants or cooperative agreements or may be requested for ongoing NSF-funded research projects. Three years is the typical duration for REU Site awards in most NSF directorates; however, a duration of up to five years may be allowed in some cases. The typical REU Site hosts 8-10 students per year. The typical funding amount is $70K-$120K per year.

EarthScope

National Science Foundation, Geosciences (GEO)


Contact: Gregory Anderson, 703/292-4693, greander@nsf.gov

Solicitation number: NSF 14-552

EarthScope is an Earth science program to explore the 4-dimensional structure of the North American continent. The program provides a framework for broad, integrated studies across the Earth sciences, including research on fault properties and the earthquake process, strain transfer, magmatic and hydrous fluids in the crust and mantle, plate boundary processes, large-scale continental deformation, continental structure and evolution, and composition and structure of the deep Earth. In addition, EarthScope offers a centralized forum for Earth science education at all levels and an excellent opportunity to develop cyberinfrastructure to integrate, distribute, and analyze diverse data sets.

Cognitive Neuroscience

National Science Foundation


Contact: Akaysha Tang, 703/292-7281, atang@nsf.gov

Solicitation number: NSF 14-514

The Cognitive Neuroscience program seeks highly innovative proposals aimed at advancing a rigorous understanding of how the human brain supports thought, perception, affect, action, social processes, and other aspects of cognition and behavior. Topics may bear on core functions such as sensory, learning, language, reasoning, emotion, and executive processes, or more specialized processes such as empathy, creativity, representation of self and other, or intentionality, among many other possibilities. Topics may also include how such processes develop and change in the brain. The program is particularly interested in supporting the development of new techniques and technologies for recording, analyzing, and modeling complex brain activity. Studies of disease states (e.g., brain damaged patients) may be components of projects supported by this program. The program also intends to foster projects that integrate perspectives across disciplines, e.g., from the cognitive sciences, developmental sciences, biology, computer science, engineering, education, anthropology, physics, mathematics and statistics.
Research on Gender in Science and Engineering (GSE)

National Science Foundation, Education and Human Resources (EHR)
Contact: Jolene Jesse, 703/292-7303, jjesse@nsf.gov
Solicitation number: NSF 10-516

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

Science of Organizations (SoO)

National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504696
Contact: Jacqueline Meszaros, 703/292-7261, jmeszaro@nsf.gov
Solicitation number: PD 11-8031

This program funds basic research that yields a scientific evidence base for improving the design and emergence, development and deployment, and management and ultimate effectiveness of organizations of all kinds. Successful research proposals use scientific methods to develop and refine theories, to empirically test theories and frameworks, and to develop new measures and methods. Funded research is aimed at yielding generalizable insights that are of value to the business practitioner, policy-maker, and research communities.

Geography and Spatial Sciences Program (GSS) 2014

National Science Foundation
Contact: Thomas Baerwald, 703/292-7301, tbaerwal@nsf.gov
Solicitation number: NSF 14-537

As specified in the Geography and Spatial Sciences Program strategic plan, the goals of the NSF Geography and Spatial Sciences (GSS) Program are: 1) To promote scientific research in geography and the spatial sciences that advances theory and basic understanding and that addresses the challenges facing society; 2) To promote the integration of geographers and spatial scientists in interdisciplinary research; 3) To promote education and training of geographers and spatial scientists in order to enhance the capabilities of current and future generations of researchers; and 4) To promote the development and use of scientific methods and tools for geographic research. The Geography and Spatial Sciences Program sponsors research on the geographic distributions and interactions of human, physical, and biotic systems on Earth. Investigators are encouraged to propose plans for research about the nature, causes, and consequences of human activity and natural environmental processes across a range of scales. Projects on a variety of topics qualify for support if they offer promise of contributing to scholarship by enhancing geographical knowledge, concepts, theories, methods, and their application to societal problems and concerns. Regular research awards supported by GSS generally range from between $40K to $400K.
Surdna Foundation Grants

Surdna Foundation

http://www.surdna.org/what-we-fund/funding-overview.html

Contact: 212/557-0010, questions@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.

Asia Responsive Grants

Henry Luce Foundation

http://www.hluce.org/asiarespongrant.aspx

Contact: 212/489-7700, hlf1@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

Pfizer Inc.

http://www.pepsico.com/Purpose/PepsiCo-Contributions/Grants.html

Contact: 914/253-2000, pepsico.foundation@pepsi.com

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. 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.

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. 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.

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. 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.

FSSS Grants-in-Aid Program
The Foundation for the Scientific Study of Sexuality (FSSS)
http://www.sexscience.org/honors/fsss_grants_in_aid_program/
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. 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.
**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. There is a $100K minimum for all grant requests. Multi-year proposals will be considered. 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.

---

**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. The Foundation recommends that work described in proposals not exceed three years' duration and $250K per year. If the letter of intent is approved, investigators will be invited to submit a full grant application. 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.

---

**Energy Foundation Grants**

The Energy Foundation

[http://www.ef.org/apply-for-a-grant/](http://www.ef.org/apply-for-a-grant/)

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. 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.

---

**Lannan Foundation Grants**

Lannan Foundation


Contact: 505/986-8160, info@lannan.org

Solicitation number:

Lannan Foundation is a family foundation dedicated to cultural freedom, diversity and creativity through projects which support exceptional contemporary artists and writers, as well as inspired Native activists in rural indigenous communities. The Foundation supports this mission by making grants to nonprofit organizations in the areas of contemporary visual art, literature, indigenous communities, and cultural freedom. Interested applicants are encouraged to contact a program director before submitting a 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.
**Mathers Grants**
The G. Harold & Leila Y. Mathers Charitable Foundation
http://www.mathersfoundation.org/policies.html
Contact: 914/242-0465, admin@mathersfoundation.org

Solicitation number:
The Foundation is primarily interested in supporting fundamental basic research in the life sciences. Support is provided for specific projects from established researchers at top universities and independent research institutions within the United States. Formal requests will be either discouraged or invited based on specific detailed queries sent by mail, and are processed when received. 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.

**Conservation Trust Grant**
National Geographic Society
Contact: conservationtrust@ngs.org

Solicitation number:
The objective of the Conservation Trust is to support conservation activities around the world as they fit within the mission of the National Geographic Society. The trust will fund projects that contribute significantly to the preservation and sustainable use of the Earth’s biological, cultural, and historical resources. Applicants are not expected to have PhDs or other advanced degrees. However, applicants must provide a record of prior research or conservation action as it pertains to the proposed project. While grant amounts vary greatly, most range from $15K to $20K. Pre-applications are accepted throughout the year. Applications are submitted 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.

**Environment Program**
The William and Flora Hewlett Foundation
http://www.hewlett.org/programs/environment-program/
Contact: 650/234-4500

Solicitation number:
The Environment Program supports projects with goals to: conserve the Western United States and Canada for wildlife and people; slow global climate change by reducing greenhouse gas emissions; ensure that the US energy supply is clean and consumption is efficient; and address environmental problems that disproportionately affect disadvantaged communities in the San Francisco Bay Area. The Foundation accepts unsolicited letters of inquiry for its Western Conservation Program and its Energy and Climate 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.

**Pollock-Krasner Grants**
The Pollock-Krasner Foundation, Inc.
http://www.pkf.org/grant.html
Contact: http://www.pkf.org/contact.html

Solicitation number:
The dual criteria for grants are recognizable artistic merit and demonstrable financial need, whether professional, personal or both. The Foundation’s mission is to aid, internationally, those individuals who have worked as professional artists over a significant period of time. The Foundation welcomes, throughout the year, applications from visual artists who are painters, sculptors and artists who work on paper, including printmakers. There are no deadlines. Grants are intended for a one-year period of time. The size of the grant is determined by the individual circumstances of the artist. 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.
Funding for Readings and Workshops
Poets & Writers
http://www.pw.org/content/funding_readingsworkshops
Contact: 310/481-7195
Solicitation number:
Poets & Writers provides fees to writers who give readings or conduct writing workshops. Each year, our Readings/Workshops program supports hundreds of writers participating in events in large cities and small towns throughout New York and California. Grants for readings or spoken word performances range from $50 to $350. Grants for workshops range from $100 to $200 per session. Applicants are encouraged to apply more than eight weeks in advance of the event. Grants are awarded on a rolling 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.

Mott Foundation Grants
The Charles Stewart Mott Foundation
http://www.mott.org/grantseeker.aspx
Contact:
Solicitation number:
The Charles Stewart Mott Foundation supports efforts in civil society, the environment, and pathways out of poverty. The median grant size is in the $100K range. The majority of grants are between $15K and $250K annually. 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.

Swiss International Short Visits
Swiss National Science Foundation
Contact: international@snf.ch
Solicitation number:
The International Short Visits of the SNSF allow for researchers working in Switzerland to go abroad or for researchers from elsewhere to come to Switzerland. The visits can last between one week and three months and are limited to one person (the visiting fellow) going to one institute (the host institute). Both the visiting fellow and one person from the host institute (the host) are co-applicants of the proposal. The SNSF pays lump sums contributing solely to travel (one round trip) and living expenses of the visiting fellow. The submission of an application is possible at any time, but must be deposited at least two months before the grant is due to start. 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.

Humanities Program Grants
The Gladys Krieble Delmas Foundation
http://delmas.org/?page_id=6 - humanities
Contact: 212/687-0011, info@delmas.org
Solicitation number:
The Foundation intends to further the humanities along a broad front, supporting projects which address the concerns of the historical studia humanitatis: a humanistic education rooted in the great traditions of the past; the formation of human beings according to cultural, moral, and aesthetic ideals derived from that past; and the ongoing debate over how these ideals may best be conceived and realized. Programs in the following areas are eligible: history; archaeology; literature; languages, both classical and modern; philosophy; ethics; comparative religion; the history; criticism, and theory of the arts; and those aspects of the social sciences which share the content and methods of humanistic disciplines. Inquiries are reviewed 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.
Whitehall Foundation Grants

Whitehall Foundation

http://www.whitehall.org/grants/

Contact: 561/655-4474, email@whitehall.org

Solicitation number:

Research Grants are available to established scientists of all ages working at accredited institutions in the US. Grants normally range from $30K to $75K per year for up to three years. Grants-in-Aid are designed for researchers at the assistant professor level who experience difficulty in competing for research funds because they have not yet become firmly established. These grants can also be made to senior scientists. These grants do not exceed $30K over a one-year period. 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.

Changes in Health Care Financing and Organization (HCFO)

Robert Wood Johnson Foundation

http://pweb1.rwjf.org/applications/solicited/cfp.jsp?ID=21392

Contact: 202/292-6700, hcfo@academyhealth.org

Solicitation number:

HCFO supports research, policy analysis and evaluation projects that provide policy leaders timely information on health care policy, financing and organization issues. Supported projects include: examining significant issues and interventions related to health care financing and organization and their effects on health care costs, quality and access; and exploring or testing major new ways to finance and organize health care that have the potential to improve access to more affordable and higher quality health services. Small grants are for projects requiring $100K or less and projected to take up to 12 months or less. Large grants for projects requiring more than $100K and/or projected to take longer than 12 months. Proposals may be submitted at any time, and grants are awarded on a rolling 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.

Brain and Behavior Research Grants

Brain & Behavior Research Foundation

http://bbrfoundation.org/narsad-grants-and-prizes

Contact: grants@bbrfoundation.org

Solicitation number:

These grants are awarded to basic and/or clinical investigators. The NARSAD Young Investigator Grant supports scientists at the advanced post-doctoral or assistant professor (or equivalent) level. Grants are up to $60K over a two-year period, or $30K per year. The NARSAD Independent Investigator Grant supports scientists at the associate professor (or equivalent) level. Grants are up to $100K over a two-year period, or $50K per year. The NARSAD Distinguished Investigator Grant supports scientists at the full professor (or equivalent) level. Grants are up to $100K for one year. 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.
CASIS Unsolicited Proposals

Center for the Advancement of Science in Space

http://www.iss-casis.org/Opportunities/UnsolicitedProposals.aspx

Contact: ideas@iss-casis.org

 Solicitation number:

The International Space Station U.S. National Laboratory supports investigations across a broad spectrum of basic and applied research. As manager of this research platform, CASIS regularly provides solicitation opportunities in the life, physical, materials and observational sciences. However, CASIS also welcomes unsolicited proposals for research and product development that might be suitable for the National Lab. The CASIS mission is to fully utilize the National Lab, enabling cutting-edge research on station from every corner of the country. CASIS evaluates unsolicited proposals on a regular basis for scientific and economic merit and potential impact. If you have not yet secured funding for your proposed project, please note that proposals receiving high evaluation scores from this review may qualify for funding assistance from our implementation partners, and CASIS may facilitate matching of funds. 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.

Thriving Cultures Program

Surdna Foundation

http://www.surdna.org/what-we-fund/thriving-cultures.html

Contact: 212/557-0010, grants@surdna.org

 Solicitation number:

Culture helps people connect over time, inviting them to build and sustain the vibrant communities they call home. Thriving cultures honor and celebrate the artistic impulse as part of community behavior and as a way to strengthen community identity and cohesion. The Surdna Foundation believes that cultural organizations, programs and projects often provide the opportunity for exploration of values and can act as catalysts for the building of just, sustainable communities. At their best, they contribute to fair access to social goods such as rights, opportunities and dignity. Currently, Surdna’s Thriving Cultures Program will accept letters of inquiry in three lines of work: 1) Teens’ Artistic Advancement, 2) Artists Engaging in Social Change, and 3) Community Driven Design. The anticipated grant size ranges from $35K to $80K annually, with duration ranging from one-to-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.

Environmental Management Participation Program for the U.S. Army Environmental Command (USAEC)

Oak Ridge Institute for Science and Education (ORISE)

http://see.orau.org/ProgramDescription.aspx?Program=10056

Contact: Kim Myers, 410306-9205, kim.myers@orau.org

 Solicitation number:

The Army Environmental Commands mission is to lead and execute Army cleanup and environmental quality programs, providing technical expertise to enable Soldier readiness and sustainable military communities. Through the ORISE Environmental Management Participation Program, opportunities exist to participate in the following areas: environmental projects involving cultural and natural resources, restoration, compliance, conservation, pollution prevention, validation, demonstration, technology transfer, quality assurance and quality control, training, information management and reporting, and related programs. Appointments are made up to one year, full-time or part-time and are renewable up to a total of four years full-time participation for postgraduates and renewable up to a total of five years full-time participation for postdoctorates. 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.
AFRL Research Collaboration Program
Elsevier Foundation
http://www.grants.gov/custom/viewOppDetails.jsp?oppId=212295
Contact: Angela Campbell, 937/656-7736, Angela.Campbell@wpafb.af.mil
Solicitation number: BAA-RQKM-2013-0005
The objective of the AFRL Research Collaboration program is to enable collaborative research partnerships between AFRL and Academia and Industry in areas including but not limited to Materials and Manufacturing and Aerospace Sensors that engage a diverse pool of domestic businesses that employ scientists and engineers in technical areas required to develop critical war-fighting technologies for the nation’s air, space and cyberspace forces through specific AFRL Core Technical Competencies (CTCs). This objective will be met by awarding contracts/assistance instruments that provide a broad range of highly unique evolutionary and revolutionary technology advances in nine competency areas: Structural Materials and Applications, Functional Materials and Applications, Support for Operations, Manufacturing Technology, Radio Frequency (RF) Sensing, Electro-Optical Sensing, Spectrum Warfare, Layered Sensing Exploitation and Enabling Sensor Devices/Components. Individual awards are anticipated to be in the range of $100K to $750K per contract. Each award is not anticipated to exceed 48 months.

Fulbright Specialist Program
Council for International Exchange of Scholars
http://www.cies.org/specialists/
Contact: Margo Cunniffe, 202/686-6243, mcunniffe@iie.org
Solicitation number:
The Fulbright Specialist Program (FSP) promotes linkages between U.S. academics and professionals and their counterparts at host institutions overseas. The program is designed to award grants to qualified U.S. faculty and professionals, in select disciplines, to engage in short-term collaborative 2 to 6 week projects at host institutions in over 100 countries worldwide. International travel costs and a stipend are funded by the U.S. Department of State Bureau of Educational and Cultural Affairs. Participating host institutions cover grantee in-country expenses or provide in-kind services. Project activities focus on strengthening and supporting the development needs of host institutions abroad and do not fund personal or clinical medical research and related projects involving patient contact. Eligible activities include short-term lecturing, conducting seminars, teacher training, special conferences or workshops, as well as collaborating on curriculum planning, institutional and/or faculty development. U.S. faculty and professionals apply to join a Roster of Specialists for a 5 year term. 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.

Anthropological Historical Archives Program
Wenner-Gren Foundation for Anthropological Research, Inc.
http://www.wennergren.org/programs/historical-archives-program-hap
Contact: 212/683-5000, inquiries@wennergren.org
Solicitation number:
The objective of this Program is to encourage the preservation of unpublished personal research materials of established anthropologists considered of value for research on the history of anthropology. HAP grants of a maximum of $15K are offered to individuals, to assist senior scholars at the end of their careers (or their heirs) with the expense of preparing and transferring their unpublished research materials for archival deposit. Applicants must show evidence that arrangements have been made with an appropriate archival repository. Funds are strictly limited to covering expenses related to the basic preparation of materials for archival deposit. 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.
Humanities Research Projects
Gerda Hengel Foundation
http://www.gerda-henkel-stiftung.de/content.php?nav_id=370&language=en

Contact:
Solicitation number:
The grants for research projects involve, depending on the type of project, the assumption of costs for personnel, travel, materials and/or other costs. The applicants must be actively involved in the research work of the project. It is possible to apply for financing for your own post at a research establishment. The precondition: you have successfully completed your Ph.D. and afterwards have at least five years professional experience working in an academic field. Project participants can also be financed in the form of a research scholarship. As part of a research project, the costs incurred of visiting (foreign) scholars can also be financed. 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.

6/25/2014  Campus Notice of Intent (required)
7/15/2014  Application
Pew Scholars Program in the Biomedical Sciences 2015 - Limited Submission
The Pew Charitable Trusts
http://www.pewhealth.org/biomedical-research/pew-biomedical-scholars-327805/program-details

Contact: Anita Pepper, 215/531-8135
Solicitation number:
The Pew scholars program supports assistant professors of outstanding promise in science relevant to the advancement of human health. The award provides $240K in flexible support—$60K per year for four years.

6/27/2014  Intent to Apply (required)
8/15/2014  Letter of Interest (required)
12/12/2014  Full Proposal (by invitation only)
Building Bridges 2014-15 - Limited Submission
Doris Duke Charitable Foundation
http://www.ddcf.org/Programs/Building-Bridges/Goals-and-Strategies/Building-Bridges-2013-14-Grants-Program/

Contact: Zeyba Rahman, 212/974-7104, ZRahman@DDCF.org;
Solicitation number:
The Building Bridges 2014-15 Grants Program will support nonprofit organizations in their work to plan and implement cultural programs or projects intended to increase public knowledge and understanding of current day Muslim societies through arts or media-based experiences. The program will support projects that create current-day, immersive, interactive, collaborative and/or engaging experiences tailored to the needs and interests of target audience(s). Awards range from $25K - $300K over three years. Grants may support up to 75% of the total program or project budget.

6/27/2014  Application
2014 HANDS-ON OPPORTUNITIES TO PROMOTE ENGAGEMENT IN SCIENCE (HOPES) GRANT
American Society for Biochemistry and Molecular Biology
http://www.asmb.org/uploadedFiles/ProfessionalDevelopment/HOPES_Program/HOPES%20Grant%20Application%20Description.pdf
Contact: Regina Stevens-Truss, Regina.Stevens-Truss@kzoo.edu
Solicitation number:
With support from the National Science Foundation, the ASBMB will award seed-grants at $2K each to partnerships consisting of one or more Junior High/High School teacher(s) (or other K-12 educator) and one or more university, college, or institutional research scientist(s). This FOA seeks a realistic plan of action that includes K-12 student participation in a STEM activity or series of activities, preferably inquiry-based.
Scientific Innovations Award in Neuroscience 2015 - Limited Submission
Brain Research Foundation
http://thebrf.org/Grants/Scientific+Innovations+Award
Contact:  312/759-5150, info@theBRF.org

The objective of the SIA is to support projects that may be too innovative and speculative for traditional funding sources but still have a high likelihood of producing important findings. It is expected that investigations supported by these grants will yield high impact findings and result in major grant applications and significant publications in high impact journals. The nominated candidate must be a full-time professor or associate professor at an invited US institution, working in the area of studies of brain function in health and disease. Current major NIH or other peer-reviewed funding is preferred but evidence of such funding in the past three years is essential. Studies should be related to either normal human brain development or specifically identified disease states. This includes molecular and clinical neuroscience as well as studies of neural, sensory, motor, cognitive, behavioral and emotional functioning in health and disease. The grant proposal must detail a new research project that is not funded by other sources. Awards are limited to $150K for two years (January 2015 - December 2016).

Measuring the Quality of Civic and Political Engagement
Spencer Foundation
http://www.spencer.org/resources/content/4/1/1/documents/RFP-New-Civics.pdf
Contact: civics@spencer.org

The New Civics Initiatives has funded research that asks important questions about how education can support youth civic and political development. This request for proposals extends the New Civics Initiative to measurement. It provides funds for scholarly efforts to create reliable and valid measures of the quality of civic and political engagement among youth ages 15-25. Specifically, the Foundation is interested in the development of measures of the quality of two dimensions of civic and political engagement: 1) Engagement with Evidence and Arguments and 2) Engagement Across Difference. In the spring of 2015, the Spencer Foundation anticipates funding up to six to eight awards ranging from $100K to $400K to cover direct and limited indirect costs for projects that last up to two years.

Craft Research Fund Project Grants
The Center for Craft Creativity and Design
Contact: Marilyn Zapf, 828/890-2050, mzapf@craftcreativitydesign.org

Grants up to $15K will be awarded to support research projects relating to the goals of the Craft Research Fund: 1) To support innovative research on critical issues in craft theory and history; 2) To explore the inter-relationship among craft, art, design and contemporary culture; 3) To foster new cross-disciplinary approaches to scholarship in the craft field in the United States; and 4) To advance investigation of neglected questions on craft history and criticism in the United States. Grant funds may be used for research related expenses such as travel, honoraria for contributors, salary for independent researchers, and/or support documentation such as images or rights to use images or text, as part of the research yet to be completed. The grant awards are not for the printing or dissemination of already completed research. 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.
The Sundance Documentary Fund accepts submissions in three categories and provides grants to filmmakers worldwide for projects that display: 1) Artful and innovative storytelling; 2) Global relevance; 3) Contemporary social issue; and 4) Potential for social engagement. Development grants provide funds of up to $20K. There is no reel required with an application, but clips, teasers, trailers, or images are highly encouraged. A previous work sample is required. Production/Post-Production grants provide up to $50K to fund projects offering approximately 20 to 75 minutes of edited material for the project being proposed. The reel should convey the narrative and aesthetic approach for the final film. A previous sample work must also be included with the application. Audience Engagement grants provide up to $20K to previously granted projects funding for strategic audience and community engagement campaigns. 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.

2014 William T. Grant Scholars - Limited Submission

The William T. Grant Scholars Program supports promising early-career researchers from the social, behavioral, and health sciences, who have demonstrated success in conducting high-quality research and are seeking to further develop and broaden their expertise. Applications will be accepted on the following topics: 1) reducing inequality; 2) understanding the use of research evidence; 3) understanding social settings. Potential Scholars should have a promising track record of conducting high-quality research, but want to pursue a significant shift in their trajectories as researchers. Candidates are nominated by a supporting institution and must submit five-year research plans that demonstrate creativity, intellectual rigor, and a commitment to continued professional development. Every year, four to six Scholars are selected and each receives $350K distributed over a five-year period.

Kluge Fellowships

The John W. Kluge Center at the Library of Congress invites qualified scholars to conduct research at the Kluge Center using the Library of Congress collections and resources for a period of up to eleven months. The Kluge Center especially encourages humanistic and social science research that makes use of the Library’s large and varied collections. Interdisciplinary, cross-cultural, or multi-lingual research is particularly welcome. Scholars who have received a terminal advanced degree within the past seven years in the humanities, social sciences or in a professional field such as architecture or law are eligible. Exceptions may be made for individuals without continuous academic careers. The award amount is $4.2K per month.
**2014 U.S. Russian University Research Competition**

CRDF Global


Contact: Kelsey Schumacher, 703/526-9720, kschumacher@crdfglobal.org

Solicitation number:

CRDF Global is accepting proposals from joint U.S. and Russian teams for the 2014 U.S. Russian University Research Competition. The primary goals of the competition are to: 1) Support high-quality, innovative international research by teams of U.S. and Russian researchers in the disciplines specified in this announcement; 2) Encourage diversity in the international science community; and 3) Establish sustainable joint U.S. - Russia university research collaborations. Proposals in the following areas will be accepted: a) energy saving/energy efficient technologies; b) nanotechnology; c) sustainable natural resource management. The maximum award is $110K over two 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.

---

**EFG Grants**

Elizabeth Firestone Graham Foundation

http://efgfoundation.com/letters-of-inquiry.html

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

Solicitation number:

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

---

**Project Awards**

Russell Sage Foundation

http://www.russellsage.org/how-to-apply/apply-project-awards

Contact: 212/750-6000

Solicitation number:

The Foundation’s awards are restricted to support for basic social science research within its announced programs of: Future of Work; Immigration; Cultural Contact; Social Inequality; and Behavioral Economics. Major awards typically range between $35K and $200K. The Foundation mainly provides support for analyzing data and writing up results, but occasionally considers larger awards for data acquisition projects highly relevant to its program goals. 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.
Grants (Catalogues for Contemporary Art Exhibitions and Projects)

Elizabeth Firestone Graham Foundation
http://efgfoundation.com/guidelines.html

Contact: 505/898-5600 ext. 4, info@efgfoundation.com

Solicitation number:

Funding from the Elizabeth Firestone Graham Foundation is currently available to support direct costs for catalogues and other publications accompanying contemporary art exhibitions and projects, especially those supporting emerging and under-recognized artists, and produced by organizations outside the nation's cultural centers. Limited funds are also available for publications related to the grantee organization and its programs or collections. The Foundation does not provide grants for individuals, general operating expenses, capital campaigns, endowment funds, or projects solely featuring the work of deceased artists. One-time special projects that are originated by the applying organization are preferred. To be considered, project dates must fall within one year of the funding cycle in which the organization is requesting funds. The Foundation is unlikely to provide grants exceeding one third of the proposed publication budget. Grant amounts typically range from $5K to $15K. 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.

Beckman Scholars Program 2015 - Limited Submission

Arnold and Mabel Beckman Foundation
http://beckmanscholarsprogram.com/bsp/invitation

Contact: 949/721-2222, beckmanscholarsprogram@beckman-foundation.com

Solicitation number:

The purpose of the Beckman Scholars Program is to help stimulate, encourage and support research activities by exceptionally talented, full-time undergraduate students who are pursuing their studies at accredited four-year colleges and universities located in the United States of America. These research activities shall be centered in either chemistry, biochemistry, the biological and medical sciences or some interdisciplinary combination of these subjects. Candidates for the Beckman Scholars Award must be full-time students throughout the duration of the award. Each Beckman Scholar Award will fund up to six Beckman Scholars (with funding for student and mentor stipends and, travel funds and research supplies) extending over two summers and one academic year. The amount of funding for the 2015 Beckman Scholars Program per student is $26K; $21K specifically for the Scholar and $5K for the Scholar’s Mentor. Funding for overhead or indirect costs is not provided.

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.
Frank and Lydia Bergen Foundation Grants
Wells Fargo Philanthropic Services
https://www.wellsfargo.com/privatefoundationgrants/bergen
Contact: 888/234-1999, grantadministration@wellsfargo.com
Solicitation number:
Grants are considered for programs that arrange for musical entertainment, concerts, and recitals appropriate for the education and instruction of the public in the musical arts. Paramount consideration, however, is given to traditional classical music programs. Programs should also aid worthy students of music to secure complete and adequate musical education and aid organizations in their efforts to present fine music to the public, provided that such organizations are operated exclusively for educational purposes. 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.

8/15/2014  Application
Cottrell Scholar Awards
Research Corporation for Science Advancement (RCSA)
http://www.rescorp.org/grants-and-awards/cottrell-scholar-awards/about-the-program/guidelines
Contact: 520/571-1111, awards@rescorp.org
Solicitation number:
The main goal of the CSA program is to promote and support the university scholar model. University scholars are faculty members who have both excellent research programs and excellent approaches to student learning at the undergraduate level. Desired outcomes of the CSA program include: 1) A culture shift in Ph.D.-granting institutions toward valuing the university scholar; 2) Increased attraction and retention of undergraduates in science; and 3) Increased undergraduates from Ph.D.-granting institutions pursuing graduate degrees. A key objective of the program is to build a community of outstanding scholar-educators who are dedicated to becoming leaders in both research and teaching and who collectively have the potential to change the way science is taught nationally. Scholars are required to attend at least two annual Cottrell Scholar conferences while the award is active. The annual conference seeks to promote community among Cottrell Scholars and is held in early July in Tucson, AZ. Cottrell Scholar awards are for three year projects in the amount of $75K for the entire projec.

8/15/2014  Application
Theodore C. Sorensen Research Fellowship
John F. Kennedy Library Foundation
Contact: 617/514-1629, Kennedy.Library@nara.gov
Solicitation number:
The Sorensen Fellowships is intended to support a scholar in the production of a substantial work in the areas of domestic policy, political journalism, polling, press relations, or a related topic. The successful candidate will develop at least a portion of his or her original research using archival materials from the Kennedy Library. The maximum amount for this award is $3.6K.

8/18/2014  Proposal (by invitation only)
Special Grant Program in the Chemical Sciences 2014
The Camille and Henry Dreyfus Foundation
http://dreyfus.org/awards/special_grant_program_chemical.shtml
Contact: 212/753-1760, programs@dreyfus.org
Solicitation number:
This program provides funding for innovative projects in any area consistent with the Foundation's broad objective to advance the chemical sciences. The Foundation encourages proposals that are judged likely to significantly advance the chemical sciences. Examples of areas of interest include (but are not limited to): the increase in public awareness, understanding, and appreciation of the chemical sciences; innovative approaches to chemistry education at all levels (K-12, undergraduate, and graduate); and efforts to make chemistry careers more attractive. Research proposals are not customarily considered. Important aspects of proposals are: a) broad applicability and impact beyond the submitting institution; b) specific and detailed descriptions of the chemistry associated with the proposal; c) uniqueness o project. The amount of support requested is determined by the applicant.
TCF focuses its grant making on maintaining the rich diversity of the world—biological and cultural—over the long run, by focusing on seven geographic regions: The San Francisco Bay Area; U.S. Southwest; Northwest Mexico; Central Asia and Turkey; The African Rift Valley; Melanesia; and a Global Program. Grants within the regional programs are generally directed to organizations based within those regions or, where appropriate, to organizations working in support of the efforts of people and institutions on the ground. Grant size typically ranges from $50K to $100K over one to two years.

To be eligible, a project must have the potential to make a genuine, effective contribution to the advancement of education for women. Where applicable, the grant recipient should be able to assure continuance of a successful project after the termination of the grant. Professional educational associations, agencies servicing women’s education, and all accredited degree-granting two and four-year colleges and universities are eligible to apply for 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.

EIF’s grant activity supports developmental projects, instructional projects, and training programs in engineering education and research that fit our fields of interest. These currently include the availability and use of published information, women in engineering, and information access in developing countries. Award amount requests should be between $5K and $25K. Projects should be innovative, promote significant and lasting change, and be able to be successfully replicated elsewhere. 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.
Energy Innovations Small Grant Program for Natural Gas

California Energy Commission


Contact: Program Administrator, 619/594-1049, eisg@projects.sdsu.edu

Solicitation number: 14-02G

The California Energy Commission (Energy Commission) is offering Energy Innovations Small Grant (EISG) funding through its program administrator, the San Diego State University Foundation. The EISG Program funds projects that determine the feasibility of energy research and development concepts relating to the Public Interest Energy Research (PIER) Program. A maximum of $150K for hardware projects requiring physical testing or $75K for modeling projects is available to awardees per grant project. Proposals must meet all of the following criteria to be eligible for consideration under the EISG program. The proposed work must: 1) Advance science or technology not adequately addressed by competitive and regulated markets; 2) Involve an original innovative solution to a significant energy problem; 3) Be in the proof-of-concept phase; 4) Address a California market need; 5) Provide a clear potential benefit to California natural gas ratepayers; and 6) Target one of the PIER R&D areas: Natural gas energy efficiency, Natural gas environmental impacts, Renewable energy technologies, Strategic analysis, Advanced generation concepts, or Transportation Energy.

8/1/2014 Full Application

12/1/2014 Full Application

Santa Barbara Cottage Hospital Research Grants

Santa Barbara Cottage Hospital

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

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

Solicitation number:

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

8/7/2014 Full Proposal

UC Multicampus Research Programs and Initiatives (MRPI) 2015

University of California

http://www.ucop.edu/research-grants-program/_files/mrpi/2015_MRPI_RFP_Final_v0501.pdf

Contact: Emily McDonald, 510/987-9146, Emily.McDonald@ucop.edu

Solicitation number:

MRPIs are multicampus or systemwide research collaborations that go beyond individual PI-driven projects to benefit the UC research enterprise, strengthen UC’s position as a leading public research university, launch pioneering research in thematic, multidisciplinary or inter-disciplinary areas, and benefit California and its people. The competition is open to all fields of research and scholarship. Projects require collaboration of at least three UC campuses, or at least two campuses and one or more UC-managed national lab. MRPI award types include 1) two-year planning, capacity-building, and infrastructure, and 2) multi-year program awards for 2, 3, or a maximum of 4 years. Applicants may apply for only one award type.