Campus and Agency News

ERRETT DISCOVERY AWARD IN BIOMEDICAL RESEARCH
The Daryl and Marguerite Errett Discovery Award in Biomedical Research provides seed funding to the most exceptional young postdocs or research professionals (non-tenured faculty) at UC Santa Barbara early in their careers to support their innovative research in the field of biomedicine. All laboratory heads (i.e., faculty) in Engineering and the Sciences are invited to nominate their most outstanding postdoctoral fellows or research professionals (non-tenured faculty), with a focus on researchers who are leading efforts in biomedical research.

Deadline: March 31, 2013
Click here for the full announcement.

AGENCY SEQUESTRATION NOTICES
The links below contain information released by major funding agencies regarding possible sequestration impacts:

National Institutes of Health
- Letter from National Institutes of Health to Signing Officials
- Letter from National Institutes of Health to Contractors
- Sequestration Operation Plan

National Science Foundation
- Sequestration Impact Notice, 2/27/2013

National Aeronautics and Space Administration
- Letter from NASA to Contractors, Grantees, and Agreement Participants

Environmental Protection Agency
- Environment Secretary Letter to Appropriations Committee

U.S. Department of Agriculture
- Agriculture Secretary on Sequestration

Department of Defense
- Sequestration Center

Department of Education
- Education Secretary Testimony

Department of Energy
- Letter from the Deputy Secretary of Energy

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: NSF/SBE partnering in round 3 of the Digging into Data Challenge
This Dear Colleague Letter is to announce that the National Science Foundation’s Directorate for Social, Behavioral, and Economic Sciences is partnering in the third round of the Digging into Data Challenge (DiD). Digging into Data is a grant competition designed to spur computationally intensive research in the social sciences and humanities.

**Dear Colleague Letter - AGEP - Graduate Research Supplements (AGEP-GRS)**
MPS encourages Principal Investigators (PIs) of current MPS awards to support one (additional) Ph.D. student per award, through a partnership with the Division of Human Resource Development (HRD) in the Directorate of Education and Human Resources (EHR). This opportunity is available to PIs with current MPS research awards whose institutions and/or academic units are either currently participating in the EHR-sponsored “Alliances for Graduate Education and the Professoriate” (AGEP) program; or whose institutions and/or academic units have participated in the AGEP program in the past (AGEP Legacy institutions). Such PIs may apply to MPS for a supplement to defray the costs for: stipend, tuition, benefits and indirect costs for a graduate research student working on the MPS-funded research. There is no deadline for submissions; supplemental funding requests may be submitted at any time.

**Dear Colleague Letter - US-China Collaborative Software Research**
The NSF Division of Advanced Cyberinfrastructure (ACI) is interested in encouraging collaborations with China-based researchers who are currently funded by or seeking funding from the National Natural Science Foundation of China (NSFC). US-based researchers can submit proposals that involve collaboration with China-based researchers to the Software Infrastructure for Sustained Innovation (SI2) cross-cutting program (NSF 13-525) led by ACI. Interested investigators MUST contact the SI2 lead program officer prior to submission. Any submission must include a letter from the proposed Chinese collaborator and the proposal or award number of the NSFC-funded project on which they are supported. Questions concerning these opportunities should be addressed Daniel Katz (dkatz@nsf.gov).

**Dear Colleague Letter - Accelerating Integrative Research in Neuroscience and Cognitive Science (AIR-NCS)**
NSF seeks proposals with the potential to transform neuroscience and cognitive science. Proposals are invited that accelerate new integrative research across disciplines and across spatial and temporal scales of analysis in cognitive science and neuroscience. Such approaches will enhance understanding of how the brain regulates the individual’s biology, processes complex social and physical cues, and allows organisms to behave in and adapt to changing environments.

**Dear Colleague Letter - Recompetition of the Management of the National Optical Astronomy Observatory**
NSF will compete the next cooperative agreement for the management and operation of the National Optical Astronomy Observatory (NOAO) through an open, merit-based review process. The Division of Astronomical Sciences (AST) of the Directorate for Mathematical and Physical Sciences (MPS) is currently preparing the program solicitation, which is expected to lead to the award of a ten-year cooperative agree-
ment for the management and operation of NOAO following the end of the current cooperative agreement on September 30, 2015. This letter provides general information regarding the upcoming competition and invites potential proposing organizations to meet with NSF to identify any information needed for proposal preparation.

**Dear Colleague Letter - Research Experiences for Undergraduates (REU) Supplemental Funding**


The NSF Directorate for Computer and Information Science and Engineering (CISE) invites its grantees to submit requests for Research Experiences for Undergraduates (REU) supplemental funding. Interested grantees are encouraged to submit their REU supplemental funding requests by April, 2013. In these trying economic times, REU stipend support is one way to retain talented students in undergraduate education, while providing meaningful research experiences. The participation of students from groups underrepresented in computing - underrepresented minorities, women and persons with disabilities - is strongly encouraged. Other factors influencing the funding decision include the status of the project and the number of REU requests submitted by any one principal investigator across all of her/his CISE grants. Investigators are encouraged to refer to the program solicitation “Research Experiences for Undergraduates (REU): Sites and Supplements,” for detailed information concerning submission requirements. Grantees with questions may also contact the CISE program officer managing their grant.

**Dear Colleague Letter - Strategic Technology for Cyberinfrastructure (STCI)**


NSF’s Cyberinfrastructure for 21st Century Science and Engineering will provide a comprehensive, integrated, sustainable, and secure cyberinfrastructure to accelerate research and education and new functional capabilities in computational and data-intensive science and engineering, thereby transforming our ability to effectively address and solve the many complex problems facing science and society. NSF encourages submission of proposals to the Strategic Technology for Cyberinfrastructure (STCI) Program (PD 11-7684) for novel pilot projects presenting and evaluating experimental services to scientists and engineers, which effectively and efficiently extend the reach of campus level researchers and educators beyond local capabilities. Such projects should be directly and broadly applicable to other campus environments, demonstrating qualitative and quantitative advances to commonly available campus cyberinfrastructure. Innovative projects enabling scientific and engineering advances, which combine campus level cyberinfrastructure with national cyberinfrastructure in ways not previously envisioned are encouraged. This is not a new program. Typical award size is expected to be no more than $500k.

**CAMPUS HONORS AND AWARDS**

- **Dennis Cleg**, professor in molecular, cellular & developmental biology, is one of 10 winning submissions from a pool of nearly 500 entries selected by the National Eye Institute (NEI) for its Audacious Goals challenge. Audacious Goals is a nationwide competition for compelling, one-page ideas to advance vision science.

- **Michael A. Osborne**, research professor of history of science and environmental studies, has been elected a corresponding member of the International Academy of the History of Science. The Academy, based in Paris, was formed in 1928 to represent and organize the history of science at the international level. It is engaged in a
number of projects which include editing and publishing the scientific papers of the astronomer, mathematician, and physicist Pierre Simon de Laplace.

- **David Weld**, assistant professor of physics, is among this year’s winners of Sloan Research Fellowships from the Alfred P. Sloan Foundation. The two-year fellowships are awarded to researchers in recognition of distinguished performance and a unique potential to make substantial contributions to their fields.

- **Linda Petzold**, professor of mechanical engineering and computer science, received the 2013 Society for Industrial and Applied Mathematics/Association for Computing Machinery Prize in the area of computational science in recognition of outstanding contributions to the development and use of mathematical and computational tools and methods for the solution of science and engineering.

- **Erin Khue Ninh**, associate professor of Asian American studies, has received the 2013 Book Award for Literary Studies for her monograph *Ingratitude: The Debt-Bound Daughter in Asian American Literature*.

- **Dar Roberts**, professor of geography, has just been awarded the Outstanding Contributions Award in Remote Sensing for 2013 in recognition of individuals who have made outstanding contributions to the field of remote sensing and to the geographic community through their remote sensing research, teaching, and/or outreach.

- **Keith Clarke**, professor of geography, has just been awarded the Outstanding Contributions Award in Remote Sensing for 2013 in recognition of individuals who have made outstanding contributions to the field of remote sensing and to the geographic community through their remote sensing research, teaching, and/or outreach.

- **Ecological Society of America - Four professors have been elected Fellows of the Ecological Society of America:**
  - **Joseph Conell**, emeritus professor of EEMB
  - **William Murdoch**, emeritus professor of EEMB
  - **Jim Reichman**, emeritus professor of EEMB and former director of UCSB’s National Center for Ecological Analysis and Synthesis
  - **David Tilman**, professor with UCSB’s Bren School of Environmental Science & Management

**SPONSORED PROJECTS TRAINING FOR ADMINISTRATORS IN RESEARCH (STAR)**

The Sponsored Projects Training for Administrators in Research (STAR) program is a comprehensive certificate training program developed by the UCSB Office of Research to meet UCSB’s research administration needs. This program is designed for employees with responsibilities related to contract and grant administration and to improve campus understanding of regulations, policies, and procedures; strengthen internal controls; and provide staff members with access to key resources and contacts. Participants are welcome to take one or several courses of the 11-course series that are of particular interest to them, or they may chose to earn the STAR program certificate. For more information, a complete list of courses and to enroll, visit our Web site at [http://www.research.ucsb.edu/spo/contracts-and-grants-liaison-resources/star-class-schedule/](http://www.research.ucsb.edu/spo/contracts-and-grants-liaison-resources/star-class-schedule/). Seating is limited so register now. Should you have any further questions, please send an e-mail to [training@research.ucsb.edu](mailto:training@research.ucsb.edu)

**Research Administration and Compliance I (3 hours)**

This course addresses the research administration compliance environment, including federal and state conflict-of-interest regulations, conflict of commitment, significant compliance risks in research administration, insider tips/preparing for an audit, the UC Whistleblower Policy, and real-life examples of university research compliance issues.
Offered: Wednesday, April 3, 2013; 9:00am-12noon
Instructor: Sam Hartline & Bruce Hanley
Location: Marine Science Building Auditorium (MSB 1302)

**Research Compliance II (2 hours)**
This course provides a brief overview of research misconduct, export control, human subjects, animal subjects and stem cell use issues that often arise in research.
Offered: Wednesday, April 24, 2013; 9:00am-11:00am
Instructors: Karen Hanson, Melissa Warren & Bruce Hanley
Location: Marine Science Building Auditorium (MSB 1302)

**LIMITED SUBMISSION DEADLINES**
The Office of Research administers the campus selection process for most limited submission competitions. These programs restrict the number of applications, nominations, or proposals that an institution can submit to an agency and require that the campus screen pre-proposals or nominations to determine which will go forward to the sponsor. They are typically due to the Office of Research two months prior to the agency deadline. If fewer submissions than the eligible number are received for the campus deadline, approval to apply may be granted on a first come first served basis. More information about the programs and campus procedures can be found at [http://www.research.ucsb.edu/funding/LimitedSubmission.aspx](http://www.research.ucsb.edu/funding/LimitedSubmission.aspx).

Programs with upcoming campus deadlines include:
- NIH Skin Diseases Research Core Centers (P30)—Campus Deadline 3/20/2013; Application 9/20/2013
- NIH Team-Based Design in Biomedical Engineering Education (R25) 2013—Campus Deadline 3/21/2013; Application 5/13/2013
- NSF Nanotechnology Undergraduate Education (NUE) in Engineering 2013—Campus deadline 4/2/2013; Agency deadline 5/22/2013

Programs with open campus spots (please contact funding@research.ucsb.edu if you are interested in submitting to one of these programs):
- NIH Superfund Hazardous Substance Research and Training Program 2013—Agency deadline 4/10/2013
- NIH Predoctoral Training Program in the Neurosciences (T32)—Agency deadline 5/25/2013
- NIH Core Centers for Musculoskeletal Biology and Medicine (P30)—Agency deadline 7/1/2013
- NIH Silvio O. Conte Digestive Diseases Research Core Centers (P30)—Agency deadline 7/15/2013
Data provided by Office of Research. "()" represent investigators' home departments when those are different from the administering unit.

Archuleta, R.J. (Earth Science), Earth Research Institute, $47,000, University of Southern California, “SCEC4 Participation, Project F: Broadband Modeling of Earthquake Ground Motions.”

Campagnari, C.F., Physics, $55,315, Fermi Research Alliance, “Fermilab Fellowship.”

Chabinyc, M., Materials, $25,000, Research Corporation for Science Advancement, “Supermolecular Non-Fullerene Electron Acceptors for Organic PVs - A Pathway Towards 20% Efficient Cells at a Cost Less than $0.50/W.”

Conoley, J.C. (Department of Counseling, Clinical, and School Psychology), Gevirtz Research Institute, $40,000, Alice Tweed Tuohy Foundation, “Alice Tweed Tuohy Foundation STEM Fellowships.”


Doyle, F.J. (Chemical Engineering), Grafton, S.T. (Psychological & Brain Sciences), Institute for Collaborative Biotechnologies, $1,446,000, Army, “Institute for Collaborative Biotechnologies - Task Order 6.”

Doyle, F.J. (Chemical Engineering), Grafton, S.T. (Psychological & Brain Sciences), Institute for Collaborative Biotechnologies, $1,730,000, Army, “Institute for Collaborative Biotechnologies - Task Order 5.”

Doyle, F.J. (Chemical Engineering), Grafton, S.T. (Psychological & Brain Sciences), Institute for Collaborative Biotechnologies, $1,788,000, Army, “Institute for Collaborative Biotechnologies - Task Order 7.”


Feinstein, S.C. (Molecular, Cellular & Developmental Biology), Neuroscience Research Institute, $75,000, CurePSP, “Tau Dimerization: A Mechanism of Tau Function and Dysfunction?”

Fisher, M., physics, $135,000, California Institute Of Technology, “Institute for Quantum Information and Matter (IQIM).”


Jones, M.B. (marine science institute), Schildhauer, M.P. (marine science institute), Marine Science Institute (NCEAS), $582,660, National Science Foundation-NSF, “Conceptualizing an Institute for Sustainable Earth and Environmental Software (ISEES).”

Kim, T. (Media Arts & Technology Program), California Nanosystems Institute, $508,658, National Science Foundation, “CAREER: Enabling Efficient Non-Linearities in Biomechanical Simulations.”


Major, B.N., Psychological & Brain Sciences, $1,768,803, National Institutes of Health, “Psychological, Physiological, and Behavioral Effects of Weight Stigma.”

O’Malley, M.A., Chemical Engineering, $71,497, USDA Department of Agriculture, “Genetic Identification and Characterization of Cellulases and Cellulolytic Complexes from Fungi.”

Roberts, D.A., Geography, $255,181, National Science Foundation, “Collaborative Research: Thermal Controls on Ecosystem Metabolism and Function: Scaling from Leaves to Canopies to Regions.”

Royer, H. (Economics), Institute for Social, Behavioral, & Economic
Research, $253,850, University Of Michigan, “The Impact of Community Health Centers on Access to Care and Health Outcomes.”


Sorlien, C.C., Earth Research Institute, $26,020, National Science Foundation, “Collaborative Research: The North Antolian Fault System in the Marmara Sea, Turkey - Insights from the Quaternary Evolution of a Multi-Stranded transform.”

Voss, L.B., Orfalea Family Children’s Center, $38,000, CAL Department Of Education, “2012-2013 CDE Child Care and Adult Care Food Program.”

Wang, L.C., Electrical & Computer Engineering, $189,000, National Science Foundation, “Cost-Effective Reliability Screening, Binning and In-Field Adaptation.”
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 Agriculture (USDA)

4/1/2013  Application

Pest Management Alternatives

Department of Agriculture (USDA), National Institute of Food and Agriculture (NIFA)


Contact:  Monte Johnson, 202/401-1108, mpjohnson@nifa.usda.gov
Solicitation number:  USDA-NIFA-SRG-P-004191

PMAP supports the development and implementation of pest management alternatives when regulatory action, voluntary action by the registrant, the development of pest resistance, or other circumstances result in the unavailability of certain pesticides or pesticide uses. Projects are 2 years in duration with a 3-year statutory limitation on the availability of funds. Typically, six to eight projects are funded each FY at $100K to $200K per award. PMAP encourages projects that develop content and programs suitable for delivery through the Cooperative Extension System’s eXtension Initiative. Funds may be used to contribute to existing Communities of Practice (CoP) or to form a new CoP that focuses on a crop or livestock or bee pest. Projects must align with the eXtension vision, mission and values.

4/3/2013  Application

Agriculture and Food Research Initiative - Sustainable Bioenergy

Department of Agriculture (USDA)


Contact:  Franklin Boteler, 202/720-0740, fboteler@nifa.usda.gov
Solicitation number:  USDA-NIFA-AFRI-004029

Demand for biomass continues to increase as additional targets for heat, transportation fuels, power, and biobased products are met. Current policies are designed to provide agricultural support, rural enhancement, reduce dependence on foreign sources of energy, climate change mitigation/adaptation, and environmental sustainability. New policies will need to take into full account associated risks/uncertainties and unintended consequences of feedstock production systems on natural resource and ecosystem service sustainability. Research is not well developed around the implications of current and alternative regulatory policies; fuel and portfolio standards; market distorting and other production subsidies; tax credits; and agricultural assistance programs on both bioenergy and agricultural markets and production decisions, which are subject to further evaluations of environmental and other indirect effects. To meet these identified needs, the long-term outcome for this program is to implement regional systems that materially deliver liquid transportation biofuels to help meet the Energy Independence and Security Act (EISA) of 2007 goal of 36 billion gallons/year of biofuels by 2022, reduce the national dependence on foreign oil, and, as appropriate, produce biopower and biobased products. This program will fund grants that target vital topical areas related to the development of regional systems for the sustainable production of bioenergy, biopower, and biobased products. These programs will, where appropriate, align with existing Regional Bioenergy CAPs to promote NIFA’s goal and mission of economic, environmental, and rural community sustainability. The amount of Federal funds provided may not exceed 50% of the cost of the equipment acquired using funds from the grant, or $50K, whichever is less. Grantees are required to match 100% of Federal funds awarded from non-Federal sources.
Integrated Research, Education, and Extension Competitive Grants Program – Organic Transitions

Department of Agriculture (USDA), National Institute of Food and Agriculture (NIFA)


Contact:  Steve Smith, 202/401-6134, sismith@nifa.usda.gov

Solicitation number:  USDA-NIFA-ICGP-004168

The goal of the ORG program is to support the development and implementation of research, Extension, and higher education programs to improve the competitiveness of organic livestock and crop producers, as well as those who are adopting organic practices. Practices and systems to be addressed include those associated with organic crops, organic animal production (including dairy), and organic systems that integrate plant and animal production. Applicants are strongly encouraged to assemble project teams that include those with expertise in research, education, Extension, and evaluation and to utilize a systems approach. Projects should plan to deliver applied production information to producers, students, or their information providers, such as Extension agents, agricultural consultants, or college teaching faculty. Budgets may not exceed $300K per year for up to three years with the total amount awarded not to exceed $750K. If a grant provides a particular benefit to a specific agricultural commodity, the grant recipient is required to provide funds awarded on a dollar-for-dollar basis from non-Federal sources with cash and/or in-kind contributions.

Agriculture and Natural Resources Science for Climate Variability and Change

Department of Agriculture (USDA)


Contact:  Varies with research interest

Solicitation number:  USDA-NIFA-AFRI-003968

This program supports research, education, and extension work by awarding grants that address key problems of national, regional, and multi-state importance in sustaining all components of agriculture, including farm efficiency and profitability, ranching, renewable energy, forestry (both urban and agroforestry), aquaculture, rural communities and entrepreneurship, human nutrition, food safety, biotechnology, and conventional breeding. Overall the Challenge Area focuses on the four sustainability goals described under the National Research Council Report “Toward Sustainable Agricultural Systems in the 21st Century” and contributes to achieving the following Challenge Area goals: 1) Adaptation; 2) Mitigation; and 3) Climate Science Education and Extension. It is anticipated that approximately $264M will be available for support of the AFRI Program. Of this amount, no less than 30 percent will be made available to fund integrated research, education, and extension programs. If a funded project is commodity-specific and not of national scope, the grant recipient is required to match the USDA funds awarded on a dollar-for-dollar basis from non-Federal sources with cash and/or in-kind contributions.

Agriculture and Food Research Initiative - Foundational Program

Department of Agriculture (USDA)


Contact:  Varies with research interest

Solicitation number:  USDA-NIFA-AFRI-003958

The purpose of AFRI is to support research, education, and extension work by awarding grants that address key problems of national, regional, and multi-state importance in sustaining all components of food and agriculture, including farm efficiency and profitability, ranching, renewable energy, forestry (both urban and agroforestry), aquaculture, rural communities and entrepreneurship, human nutrition, food safety, physical and social sciences, home economics and rural human ecology, biotechnology, and conventional breeding. Through this support, AFRI advances knowledge in both fundamental and applied sciences important to agriculture. It also allows AFRI to support education and extension activities that deliver science-based knowledge to people, allowing them to make informed practical decisions. This AFRI RFA is announcing funding opportunities for fundamental Research, applied Research, and Integrated Research, Education, and/or Extension Projects. NIFA offers a number of Program Areas that support Research, Education, Extension, and Integrated Projects: (1) Plant Health and Production and Plant Products; (2) Animal Health and Production and Animal Products; (3) Food Safety, Nutrition, and Health (4) Renewable Energy, Natural Resources, and Environment; (5) Agriculture Systems and Technology; (6) Agriculture Economics and Rural Communities.
2013 Pacific Islands Region Marine Turtle Recovery Program

Department of Commerce

http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=217633

Contact: Kara Miller, 808/944-2147, Kara.Miller@noaa.gov
Solicitation number: NOAA-NMFS-PIRO-2013-2003608

NOAA Pacific Islands Region Marine Turtle Recovery Program seeks projects that support, inform, or build capacity for the conservation, protection, or management of ESA-listed sea turtle species, and have clear scientific-based methods that address important conservation, management, and recovery tasks as defined by the U.S. Sea Turtle Recovery Plans. Program priorities for project consideration and selection include: community-based projects that elevate public awareness and build capacity for sea turtle conservation and stewardship, projects that advance understanding and conservation capacity of in-water populations, implement Reasonable and Prudent Measures or Conservation Recommendations provided by NMFS in a Biological Opinion, work to reduce sea turtle bycatch in recreational, artisanal or commercial fisheries, and/or projects that maintain established relationships to progress initiatives previously supported by NOAA/NMFS. Total funding available under this notice is anticipated to be approximately $500K. The project budget period is recommended to be 3-12 months in duration.

4/5/2013 Full Proposal

Fiscal Year 2013 Chesapeake Bay Fisheries Science

Department of Commerce, National Oceanic and Atmospheric Administration (NOAA)

http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=219373

Contact: Peter Bergstrom, 410/267-5665, peter.bergstrom@noaa.gov
Solicitation number: NOAA-NMFS-NCO-2013-2003643

This program targets better understanding of fisheries status, trends, and ecosystem value to improve sustainability and ecosystem based management of Chesapeake Bay species. The program seeks to establish a strong understanding of the Chesapeake Bay system, the complex connections among organisms and their habitats and the wide range of processes that control their dynamics. Research conducted under the Fisheries Science Program should help to: 1) Increase use of ecosystem information in natural resource decisions; 2) Increase use of climate considerations in fishery decisions and in coastal and marine spatial planning processes; 3) Increase understanding of the role of habitat in providing ecosystem services and improve habitat assessments; and 4) Develop fish stock assessments incorporating habitat and ecosystem information. It is expected that this program will provide support for up to 4 projects at approximately $100K per project each of a one year period.

4/5/2013 Full Proposal

National Bycatch Reduction Engineering Program (BREP)

Department of Commerce

http://www.grants.gov/search/search.do?mode=VIEW&oppId=222797

Contact: Derek Orner, derek.orner@noaa.gov
Solicitation number: NOAA-NMFS-FHQ-2013-2003634

The mission of this program is to develop technological solutions and investigate changes in fishing practices designed to minimize bycatch of fish (including sponges, deep-sea corals, and shallow (tropical) corals) and protected species (including marine mammals, sturgeon, seabirds, and sea turtles) as well as minimize bycatch injury and mortality (including post-release injury and mortality). This grant program provides competitive grants to non-Federal researchers working with U.S. fishermen on the development of improved fishing practices and innovative gear technologies. It is expected that this program will provide support for 10 - 15 projects at approximately $50K to $250K per project. Project periods are one year long.
The NOAA CPO program supports research teams that conduct innovative, interdisciplinary, user-inspired, and regionally relevant research that informs resource management and public policy. In FY2013, NOAA CPO and its partners are holding two competitions for research funding. Competition 1 is soliciting proposals to two priorities: 1) one RISA team focused on the South Central region of the US; and 2) one RISA team focused on the upper Midwestern US. For Competition 1, it is estimated that $3.5M over five years will be available for each priority pending budget appropriations. Competition 2 is soliciting proposals only from RISA teams and their partners to conduct projects. For Competition 2, it is estimated that awards will be at a funding level between $75K and $200K per year for up to two years.

Sea Grant Aquaculture Extension and Technology Transfer 2013

Proposed projects must support one or both of the programs goals: 1) a safe, secure and sustainable supply of seafood to meet public demand; or 2) informed consumers who understand the health benefits of seafood consumption and how to evaluate the safety and sustainability of the seafood they buy. Projects supported under this funding opportunity must contribute to a target increase of one or both of the following national performance measures, which have been set by NOAA or component NOAA programs, including Sea Grant: 1) Number of fishermen, seafood processors and aquaculture industry personnel who modify their practices using knowledge gained in fisheries sustainability and seafood safety as a result of Sea Grant activities. 2) Number of seafood consumers who modify their purchases using knowledge gained in fisheries sustainability, seafood safety and the health benefits of seafood as a result of Sea Grant activities. Proposals may request a maximum of $300K in total federal funding for up to a two-year period. Matching funds are required. Proposals are required to include a partnership (e.g., with local community governments, state and Federal agencies, regional management efforts, industry, non-governmental organizations).

National Strategy for Trusted Identities in Cyberspace (NSTIC) Pilots Cooperative Agreement Program

NIST is soliciting proposals from eligible applicants to pilot on-line identity solutions that embrace and advance the NSTIC vision: that individuals and organizations utilize secure, efficient, easy-to-use, and interoperable identity credentials to access online services in a manner that promotes confidence, privacy, choice, and innovation. Specifically, the Federal government seeks to initiate and support pilots that address the needs of individuals, private sector organizations, and all levels of government in accordance with the NSTIC Guiding Principles that identity solutions will be: 1) privacy-enhancing and voluntary; 2) secure and resilient; 3) interoperable; and 4) cost-effective and easy-to-use. NIST will fund projects that are intended to test or demonstrate new solutions, models, and frameworks that either do not exist or are not widely adopted in the marketplace today. Awards will be in the range of approximately $1.25M to $2M per year per project for up to two years.
Ongoing

**NRL Broad Agency Announcement**

Naval Research Laboratory


Contact: Mary Johnson, 202/767-2021, nrlproposals@nrl.navy.mil

Solicitation number: BAA-N00173-02

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

**AFRL Research Collaboration Program**

Air Force Research Laboratory

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

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

**Research Interests of the Air Force Office of Scientific Research**

Air Force Office of Scientific Research (AFOSR)

http://www07.grants.gov/search/search.do?mode=VIEW&oppId=218055

Contact: Varies with research interest

Solicitation number: BAA-AFOSR-2013-0001

AFOSR solicits white papers and proposals for basic research through this general Broad Agency Announcement (BAA). The focus of AFOSR is on research areas that offer significant and comprehensive benefits to our national warfighting and peacekeeping capabilities. These areas are organized and managed in five scientific Departments: 1) Dynamical Systems and Control (RTA); 2) Quantum and Non- Equilibrium Processes (RTB); 3) Information, Decision and Complex Networks (RTC); 4) Complex Materials and Devices (RTD); and 5) Energy, Power and Propulsion (RTE).
United States Army Research Institute for the Behavioral and Social Sciences Broad Agency Announcement for Bas

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.

Active Authentication (AA) Phase 2

Defense Advanced Research Projects Agency (DARPA)

Contact: Richard Guidorizzi, ActiveAuthentication@darpa.mil

Solicitation number: DARPA-BAA-13-16

The AA program seeks to develop novel ways of validating the identity of the individual using a device that focuses on the unique aspects of the individual; the program is specifically focusing on expanding research in the development of biometrics that can validate an individual's identity without interrupting what they are doing. 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 practice. The key aspects of the program are addressed by the following Technical Areas (TAs): 1) TA1a Pilot Biometric Modalities – Desktop; 2) TA1b Pilot Biometric Modalities – Mobile; 3) TA3 Security Testing and Validation - Red Team; and 4) TA4 Independent Verification and Validation. Anticipated award size ranges from $500K to $2.5M depending on the technical area addressed by the proposal.

Orthopaedic Idea Development Award

Department of Defense (DoD)

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

Solicitation number: W81XWH-13-PRORP-IDA

This program challenges the scientific community to address the most significant gaps in care for the leading burden of injury and loss of fitness for military duty by funding innovative, high-impact, clinically relevant research to advance optimal treatment and rehabilitation from musculoskeletal injuries sustained during combat or combat-related activities. The PRORP Idea Development Award is designed to promote new ideas that are still in the early stages of development and have the potential to yield highly impactful data and new avenues of investigation. This mechanism supports conceptually innovative, high-risk/high-reward research that could lead to critical discoveries or major advancements that will accelerate progress in the clinical care of combat-related orthopaedic injuries. Applications should include a well-formulated, testable hypothesis based on strong scientific rationale. PIs are strongly encouraged to collaborate, integrate, and/or align their projects with military and/or VA research laboratories and programs. The maximum allowable direct costs for the entire period of performance of up to three years are $500K plus indirect costs.
Shared Spectrum Access for Radar and Communications (SSPARC)
Defense Advanced Research Projects Agency (DARPA)
https://www.fbo.gov/index?s=opportunity&mode=form&id=783e238f77cbce9772f4320d1d82e8a4&tab=core_cview=0
Contact: DARPA-BAA-13-24@darpa.mil
Solicitation number: DARPA-BAA-13-24
DARPA is soliciting innovative research proposals in the area of spectrum sharing between radar and communications systems. 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 practice. The SSPARC program seeks to support two types of spectrum sharing: 1) Spectrum sharing between military radars and military communications systems (“military/military sharing”) increases both capabilities simultaneously when operating in congested and contested spectral environments; and 2) Spectrum sharing between military radars and commercial communications systems (“military/commercial sharing”) preserves radar capability while meeting national and international needs for increased commercial communications spectrum, without incurring the high cost of relocating radars to new frequency bands.

National Oceanographic Partnership Program (NOPP) 13-011
Office of Naval Research (ONR)
http://www.onr.navy.mil/~media/Files/Funding-Announcements/BAA/2013/13-011.ashx
Contact: Daniel Eleuterio, 703/696-4303, Daniel.Eleuterio@navy.mil
Solicitation number: ONR BAA13-011
Improvements in oceanographic and meteorological scientific understanding as well as predictions and projections of the earth’s physical system are increasingly reliant on higher resolution models, model ensembles, and explicit coupling of the physical components into simulations where the ocean, atmosphere, wave and ice fields are allowed to co-evolve during the forward time integration. However, the increased computational demand that these efforts require is beyond current research and operational computational capacity and is projected to grow faster than traditional computational infrastructure increases can support. A significantly improved capability to simulate and predict the coupled global air-ocean-wave-land-ice system at eddy-resolving spatial scales in a computationally and operationally efficient and massively parallel architecture towards real-time, predictions is desired. Responders to this announcement should propose work in collaboration with the NRL, DOE, NOAA, and/or NCAR laboratories; and should consider an interdisciplinary team of computer scientists, oceanographic and meteorological scientists, numerical methods experts, and software engineers. The size of awards will likely range from $100K to $500K per year for three years, with the possibility of an additional two year option.

Expeditionary Maneuver Warfare Applied Research and Advanced Technology Development
Office of Naval Research (ONR)
http://www.onr.navy.mil/~media/Files/Funding-Announcements/BAA/2013/13-004.ashx
Contact: Laura Worcester, laura.worcester@navy.mil
Solicitation number: BAA 13-004
The overall goal of this solicitation is to foster new developments in Science and Technology which may ultimately lead to future operational capabilities beyond those represented by current acquisition programs and requirements. As such, it is anticipated that successful proposals would ultimately contribute to the scientific and technological underpinning from which future Naval Expeditionary and Combating Terrorism warfighting requirements and capabilities may become possible. By necessity, the Applied Research and Advanced Technology Development efforts are extremely technically diverse. As such, efforts are divided into nine Thrust Areas each representing operational functions critical to Expeditionary Warfare. The thrust areas for which proposals are sought are as follows: 1) 6.1. Command, Control, Communications, and Computers (C4) Tactical Cyber Technologies; 2) 6.2. Intelligence, Surveillance, & Reconnaissance (ISR); 3) 6.3. Force Protection; 4) 6.4 Logistics; 5) 6.5. Human Performance/Training & Education (HPT&E); 6) Maneuver; 7) 6.7. Fires; 8) 6.8. Human Social Cultural Behavioral (HSCB) Sciences; and 9) 6.9 Naval Expeditionary Dog Program (NEDP). The anticipated period of performance is up to five years.
Psychological Health & Traumatic Brain Injury Basic & Applied Psychological Health Award

Department of Defense (DoD)

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

Solicitation number: W81XWH-13-PHTBI-BAPHA

The PH/TBI Research Program was initiated in 2007 for the purpose of complementing ongoing DoD efforts towards promoting a better standard of care for PH (including post-traumatic stress disorder) and TBI in the areas of prevention, detection, diagnosis, treatment, and rehabilitation. This includes research to benefit service members, Family members, Veterans, and other beneficiaries of the Military Health System (MHS). Applications can address basic science and/or applied research needs. For basic research awards, the maximum allowable direct costs for the entire period of performance is $1M plus indirect costs. For applied research and combined awards, the maximum allowable direct costs for the entire period of performance cannot exceed $4M plus indirect costs. The maximum project period is four years.

Navigation and Timekeeping Technology

Office of Naval Research (ONR)

Contact: John Kim, 703/696-4214, john.c.kim1@navy.mil

Solicitation number: BAA 13-002

In upcoming FY2014, the ONR Navigation and Timekeeping Technology Program seeks new and innovative navigation technologies that will provide more accurate, reliable, maintainable, and affordable systems for Naval air, surface, subsurface, and ground platforms and forces. Areas of concentration in this program include: 1) Global Positioning System (GPS) Anti-Jam Technology; 2) Precision Time and Time Transfer Technology; and 3) Non-GPS Navigation Technology. ONR plans to fund awards in the range of $450K - $500K per year, per contract for up to three years.

FY14 Communications and Networking Discovery and Invention

Office of Naval Research (ONR)

Contact: Santanu Das, santanu.das@navy.mil

Solicitation number: ONRBAA13-008

The current evolution of naval warfighting from a platform-centric to a network-centric paradigm depends on successfully meeting the implied need for significantly enhanced communications and networking capabilities of C2, sensor and weapon systems. These systems are deployed on a variety of platforms and users, both manned and unmanned, operating under challenging battlefield conditions (lack of infrastructure, mobility, spectrum, interference, multipath, atmospherics, size/weight/power constraint, etc.) in different environments (space, terrestrial and undersea). The goal of this program is to overcome these challenges by developing measurable advances in technology that can directly enable and enhance end-to-end connectivity and quality-of-service for mission-critical information exchange among such widely dispersed naval, joint, and coalition forces. The vision is to provide high throughput, robust communications and networking to ensure all warfighters -- from the operational command to the tactical edge -- have access to the data, information, and resources necessary to make timely, accurate decisions while performing their assigned missions or tasks. ONR plans to fund $300K to $500K per year per award for a maximum of three years.
NGA Academic Research Program (NARP)

NGA welcomes all innovative ideas for path-breaking research that may advance the NGA mission to provide timely, relevant, and accurate geospatial intelligence (GEOINT) in support of national security objectives. The objective of NARP is to support innovative, high-payoff research that provides the basis for revolutionary progress in areas of science and technology affecting the needs and mission of NGA. This research also supports the National System for Geospatial Intelligence (NSG), which is the combination of technology, systems and organizations that gather, produce, distribute and consume geospatial data and information. The end result is aimed at advancing GEOINT capabilities by improving analytical methods, enhancing and expanding systems capabilities, and leveraging resources for common NSG goals.

Electronic Warfare Technology

The goal of Electronic Warfare (EW) is to control the Electro-Magnetic Spectrum (EMS) by exploiting, deceiving, or denying enemy use of the spectrum while ensuring its use by friendly forces. To that end, the Office of Naval Research supports initiatives that will provide naval forces (including Navy and Marine Corps) with improved threat warning systems; Electronic warfare Support (ES); decoys and countermeasures against weapon tracking and guidance systems; Electronic Attack (EA) against adversary Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR); and Electronic Protection (EP) of our own weapons and C4ISR from intentional and unintentional interference. ONR plans to fund individual awards of $500K to $1.5M per year using some combination of Budget Category 6.2 and Budget Category 6.3 funds. The period of performance of the awards will range from twelve to thirty six months.

BAA for Extramural Biomedical Research and Development

The USSOCOM seeks novel biomedical solutions to preserve the high level of performance and save the lives of Special Operations Forces (SOF) in field environments. Any projects proposed must be unique to the requirements of SOF who typically conduct combat operations in austere, remote locations without timely access to medical evacuation or elevated levels of medical care. It is these far-forward and/or isolated operations that make SOF medicine unique and result in material solutions characterized by ruggedness, light weight, small volume, and low power requirements. USSOCOM is also interested in research that will lead to improved techniques and procedures that do not necessarily require new material. The maximum total cost for this program is $700K over a period of up to two years.
Physics of Reliability - Evaluating Design Insights for Component Technologies in Solar (PREDICTS) - Limited Submis

Department of Energy

http://eere-exchange.energy.gov/ - FOA Id ce62cf47-5f1a-4e79-9886-2b83eda9506d

Contact: PREDICTS@go.doe.gov

Solicitation number: DE-FOA-0000861

DOE is seeking applications in two distinct and separate topic areas: 1) Concentrating Solar Power and Photovoltaic Component Reliability Models - identification, evaluation and modeling of intrinsic failure mechanisms in photovoltaic and concentrating solar power sub-systems and system components, and 2) Microinverter & Microconverter Reliability Standards - development of standard testing procedures for the lifetime of microinverters and microconverters, both stand alone and module integrated. For both topic areas, Applicants should demonstrate an in-depth understanding and rigorous application of the basic principles of reliability engineering. The maximum award for either topic is $2.25M over three years. There is a 20% cost share requirement.

FY13 University Turbine Systems Research

Department of Energy, National Energy Technology Laboratory

http://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000795&agency=DOE

Contact: Sheldon Funk, 304/285-0204, Sheldon.Funk@netl.doe.gov

Solicitation number: DE-FOA-0000795

The goal of this FOA is to solicit and competitively award cost-shared applications from U.S. universities, colleges, and university-affiliated research institutions that address specific technical challenges and barriers needed to enable the development of advanced gas turbines and gas turbine-based systems that will operate reliably, cleanly, efficiently, and cost effectively when fueled with coal derived hydrogen and gas turbine-based systems. This FOA targets fundamental and/or bench-scale R&D in the following topic areas: 1) Research and Development in Combustion; and 2) Hot Gas Path Research and Development. The maximum DOE funding for individual awards in each topic area is $500K over a period of up to three years. The Applicant will be required to cost share a minimum of 20% of the total project costs.

Algae Biomass Yield (ABY)

Department of Energy

https://eere-exchange.energy.gov/ - FOA Id f0644206-c595-439f-920a-b1da67c2e22b

Contact: ABYFOA@go.doe.gov

Solicitation number: DE-FOA-0000811

Through research, development, demonstration, and deployment efforts geared toward accelerating the commercialization of advanced biofuels, the Biomass Program is helping transform the nation's renewable and abundant biomass resources into commercially viable, high-performance biofuels, bioproducts, and biopower. By accelerating algal biofuel research and development (R&D), the ABY FOA will support three primary goals of EERE: 1) increasing the viability and deployment of renewable energy technologies, thereby 2) spurring the creation of a domestic bio-industry, resulting in 3) a dramatic reduction in dependence on imported oil. Under this FOA, awards are anticipated for proposals addressing one of the following comprehensive topic areas: 1) Improvements in Algal Biomass Productivity; 2) Improvements in Pre-processing Technologies; and 3) Technical Advances that Enable Integration of Algal Biomass Unit Operations. The maximum amount for an individual award made under this announcement is $10M total - $5M per performance period if selected for a continuation award beyond the first performance period. The cost share must be at least 20% of the total allowable costs for research and development projects. If continuations are awarded for Performance Period 2, the total awarded project period may run up to 60 months.
Innovation for Increasing Cybersecurity for Energy Delivery Systems (I2CEDS) - 2013

Department of Energy, National Energy Technology Laboratory

https://www.fedconnect.net/fedconnect/?doc=DE-FOA-0000797&agency=DOE

Contact: Amanda Lopez, Amanda.Lopez@netl.doe.gov

Solicitation number: DE-FOA-0000797

The DOE is seeking applications to conduct research, development and demonstrations leading to next generation tools and technologies that will become widely adopted to enhance and accelerate deployment of cybersecurity capabilities for the U.S. energy infrastructure, including cyber secure integration of smart grid technologies. This FOA includes six Topic Areas: 1) Verify the integrity and facilitate deployment of energy delivery control system software and firmware updates; 2) Sustain critical energy delivery functions while responding to a cyber-intrusion; 3) Detect compromise of supply chain integrity; 4) Secure remote access for the energy sector; 5) Detect adversarial manipulation of power grid components; and 6) Innovative technologies that enhance cyber security in the energy sector. Only applications that specifically address Topic Areas will be accepted under this announcement. The maximum amount for an individual award made under this announcement is $4M over a project period of up to three years. The cost share must be at least 20% of the total allowable costs for research and development phase of the project and 50% of the total allowable costs for demonstration and commercial application phase of the project and must come from non-Federal sources unless otherwise allowed by law.

Systems Biology Enabled Research on the Role of Microbial Communities in Carbon Cycling

Department of Energy, Office of Science


Contact: Joseph Graber, 301/903-1239, joseph.graber@science.doe.gov

Solicitation number: DE-FOA-0000866

This FOA solicits applications for: 1) systems biology studies on regulatory and metabolic networks of microbes, microbial consortia, and microbe-plant interactions involved in biogeochemical cycling of carbon; 2) development of –omics approaches to investigate microbial community functional processes involved in carbon cycling in terrestrial ecosystems; and 3) development of –omics enabled methods and technologies for imaging and analysis of microbially-mediated carbon cycling processes in terrestrial ecosystems. Applications of innovative "high-risk/high-reward" research that address critical knowledge gaps and have the potential for high impact are encouraged. Applicants may request project support for up to three years. Annual budgets are expected to range from $250K to $1M in total costs. Applicants addressing one or more of the three topical areas may also apply for additional supplemental funding of up to $300K per year.

Solar Utility Networks - Replicable Innovations in Solar Energy (SUNRISE) - Limited Submission

Department of Energy

http://eere-exchange.energy.gov/ - FoaId5c1bc91c-c0fd-410c-a424-b54b864c380d

Contact: Sunrise@go.doe.gov

Solicitation number: DE-FOA-0000865

DOE solicits applications for two (2) topic areas. Topic A is to enable utilities to develop long-term strategic plans that integrate high levels of renewable energy generation and ensure reliable real-time power systems operations under high renewable penetration. Topic B is to provide technical assistance for capacity-building activities regarding utility-scale photovoltaic planning and installation. The two FOA topics are intended to support two types of entities: those that are experienced in solar PV resource management, interconnection, and deployment; and those that have little to no experience in photovoltaics (PV) deployment, management and interconnection. DOE is issuing this FOA with the express purpose of demonstrating cost-effective and reliable solar generation integration in real time, at utility-scale, in successful utility business models. The maximum award for both Topic A-1 and Topic A-2 is $500K over 2 years, with a minimum cost share of 50%. The maximum award for Topic B is $4M over 4 years with a minimum cost share of 25%.
Theoretical Research in Magnetic Fusion Energy Science

Department of Energy, Office of Science

http://www07.grants.gov/search/search.do?mode=VIEW&oppId=224853

Contact: John Mandrekas, 301/903-0552, john.mandrekas@science.doe.gov

Solicitation number: DE-FOA-0000879

DOE announces its interest in receiving grant applications for theoretical research relevant to the program in magnetic fusion energy sciences. The specific areas of interest are: 1) Magnetohydrodynamics; 2) Confinement and Transport; 3) Boundary Physics; 4) Plasma Heating, Non-inductive Current Drive, and Energetic Particles; and 5) Atomic and Molecular Processes in Plasmas. Collaborative research projects involving more than one institution are welcome.

Department of Housing and Urban Development (HUD)

3/19/2013  Application

Healthy Homes Technical Studies Program

Department of Housing and Urban Development

http://www07.grants.gov/search/search.do?mode=VIEW&oppId=215753

Contact: Peter Ashley, 202/402-7595, Peter.J.Ashley@hud.gov

Solicitation number: FR-5700-N-12

The overall goal of this program is to fund technical studies to improve existing methods for detecting and controlling key housing-related health and safety hazards, to develop new methods to detect and control these hazards, and to improve our knowledge of key housing-related health and safety hazards. The maximum amount for an award is $750K for the entire period of the grant.

Department of Justice (DOJ)

3/28/2013  Full Proposal

Grants to Reduce Sexual Assault, Domestic Violence, Dating Violence, and Stalking on Campus - Limited Submission

Department of Justice


Contact: 202/307-6026

Solicitation number: OVW-2013-3407

This program encourages a coordinated community approach that enhances victim safety and assistance, and supports efforts to hold offenders accountable. Seed funding is provided to support activities that develop and strengthen victim services in cases involving sexual assault, domestic violence, dating violence, and stalking on campuses. The Campus Program also aims to strengthen security and investigative strategies to prevent and prosecute these crimes on campuses. Campuses are addressing these crimes by developing campus-based coordinated responses. Campuses are encouraged to create or revitalize a large-scale impact by adopting policies and protocols that treat violence against women crimes as serious offenses, and by developing victim services and programs that prioritize victim safety, offender accountability, and prevention. The maximum award is $300K over three years for single institution projects, and $500K over three years for consortia projects.

4/1/2013  Application

Basic Scientific Research to Support Forensic Science for Criminal Justice Purposes

Department of Justice, National Institute of Justice (NIJ)


Contact: forensic.research@ojp.usdoj.gov

Solicitation number: NIJ-2013-3362

NIJ seeks to fund basic scientific research in the physical, life, and cognitive sciences that is designed to increase the knowledge underlying forensic science disciplines intended for use in the criminal justice system. Basic scientific research proposals to this solicitation should be designed to lead to: 1) Subsequent applied research and advanced technology developments in forensic science-related technologies intended for use in the criminal justice system, and/or 2) New and improved crime laboratory functional capabilities that result in faster, more robust, more informative, less costly, or less labor-intensive identification, collection, preservation, and/or analysis of evidence. Applicants should try to structure the phases so that the funding required in any fiscal year will not exceed $500K. The project period ordinarily will not exceed three years.
dating Dating Violence, Sexual Violence, and Intimate Partner Violence - FY 2013

Department of Justice, National Institute of Justice (NIJ)

https://ncjrs.gov/pdffiles1/nij/s1001050.pdf

Contact: VAW_Research@ojp.usdoj.gov

Solicitation number: NIJ-2013-3445

NIJ seeks applications for funding of research and evaluation related to violence against women in the areas of teen dating violence, sexual violence, and intimate partner violence. Research proposed may be focused at the Federal, State, local, tribal, juvenile justice policy and/or practice level. NIJ is particularly interested in proposals that help to understand the context within which teen dating violence (also known as adolescent relationship abuse) occurs (e.g., how or under what conditions teens use abuse and violence in relationships and the association of relationship violence with the dynamic nature of teen relationships). NIJ is also interested in research supporting the effectiveness of policies and programs that are either intended to prevent or respond to adolescent relationship abuse/teen dating violence. The maximum project period is three years.

2013 Research and Evaluation on Policing

Department of Justice

https://ncjrs.gov/pdffiles1/nij/s1001035.pdf

Contact: Brett Chapman, 202/514-2187, Brett.Chapman@usdoj.gov

Solicitation number: NIJ-2013-3449

NIJ seeks proposals to conduct research on policing to promote officer safety and wellness, understand the impact of police technology on crime control and disorder, promote police integrity, and explore the costs and benefits of the consolidation of police agencies at the State, local, and tribal levels. Effective practices in these areas are of critical importance to improving law enforcement operations and ensuring trust and confidence in the police in communities throughout the country. The Research and Evaluation on Policing solicitation focuses on four policing topics relevant to State, local, or tribal criminal justice policy and practice: 1) Officer Safety and Wellness; 2) Police Technology; 3) Police Integrity; and 4) Consolidation of Law Enforcement Agencies. NIJ funding for an individual research project rarely exceeds $500K and the project period may not exceed three years.

Research and Evaluation on Justice Systems - Investigator-Initiated

Department of Justice

https://ncjrs.gov/pdffiles1/nij/s1001037.pdf

Contact: Marie Garcia, 202/514-7128, Marie.Garcia@usdoj.gov

Solicitation number: NIJ-2013-3450

NIJ is seeking applications for funding social and behavioral science research on, and evaluations related to, justice systems topics relevant to State, local, tribal, or Federal criminal and juvenile justice policy and practice. Application titles should clearly indicate the justice systems focus area selected. Most justice systems topics, including but not limited to general policing, corrections (institutional, community, and offender reentry), and courts (prosecution, defense including indigent, adjudication, and sentencing) that are relevant to policymakers and practitioners are eligible for consideration. NIJ funding for an individual research project rarely exceeds $500K and the project period may not exceed three years.

The Impact of Probation & Parole Officer Home Visits on Offender Outcomes

Department of Justice

https://ncjrs.gov/pdffiles1/nij/s1001034.pdf

Contact: Eric Martin, 202/514-9588, eric.d.martin@usdoj.gov

Solicitation number: NIJ-2013-3447

NIJ seeks proposals for research that will explore the impact of home visits on offender outcomes. This will entail understanding promising practices in home visits, how these visits translate into offender outcomes, and what dosage of home visits is necessary to achieve those outcomes. While home visits have long been a staple of the probation/parole profession, the effectiveness of this practice has not been established. Given the current fiscal situation of many probation/parole agencies, research to validate this established practice is critical. Successful applicants will propose a research design that explores the prevalence of probationer/parolee home visits to determine current practices in the field, and an in-depth evaluation to establish the minimum number of field hours needed to achieve positive offender outcomes. NIJ funding for an individual research project rarely exceeds $500K and the project period may not exceed three years.
Research and Evaluation on the Impact of Social Media on Policing

Department of Justice


Contact: Eric Martin, 202/514-9588, eric.d.martin@usdoj.gov
Solicitation number: NIJ-2013-3446

NIJ seeks proposals for research that will explore the impact of the current state of social media technology on police practices and outcomes. Although social media technology is now ubiquitous in our society and particularly within law enforcement agencies, it is unclear how this technology is being used by departments, both officially and unofficially, and how this use has translated into public safety outcomes. While ORE will accept for consideration any research relevant to the topic of how law enforcement agencies are using social media in their day-to-day operations, a list of questions is provided for potential areas of consideration. Specifically, ORE is interested in the following: 1) Investigations; 2) Situational Awareness; 3) Legal Issues; and 4) Public Outreach. NIJ funding for an individual research project rarely exceeds $500K and the project period may not exceed three years.

NIJ FY 13 Research on Firearms and Violence

Department of Justice, National Institute of Justice (NIJ)

https://ncjrs.gov/pdffiles1/nij/sl001048.pdf

Contact: Firearms@usdoj.gov
Solicitation number: NIJ-2013-3455

As evident from the report of the Research Working Group on Firearms and Violence, more research is needed concerning many issues involved with the problem of firearms violence. NIJ is requesting applications focusing on the criminal use of firearms, gun violence, and the relationship between guns and public safety. Some examples of research in this area include, but are not limited to, the effects of criminal justice interventions on reducing gun violence, improving data systems for studying gun violence, illicit gun markets, and the effects of firearm policies and legislation on criminal justice and public safety. NIJ funding for an individual research project rarely exceeds $500K over a period of up to three years.

NIJ FY 13 Desistance From Crime Over the Life Course

Department of Justice

https://ncjrs.gov/pdffiles1/nij/sl001036.pdf

Contact: Marie Garcia, 202/514–7128, Marie.Garcia@usdoj.gov
Solicitation number: NIJ-2013-3463

This solicitation seeks proposals to conduct research that enhances knowledge of the process of desistance from crime. NIJ encourages applicants to submit proposals for bold, innovative approaches to enhancing understanding of the processes underlying desistance from crime. Several areas in need of research have been identified. However, applications are not limited to the specified topics. NIJ funding for an individual research project rarely exceeds $500K over a project period of up to three years.

Social Science Research on Forensic Science

Department of Justice, National Institute of Justice (NIJ)

https://www.ncjrs.gov/pdffiles1/nij/sl001038.pdf

Contact: Katharine Browning, 202/616-4786, Katharine.Browning@usdoj.gov
Solicitation number: NIJ-2013-3464

As forensic evidence plays an increasingly important role in solving crimes, NIJ continues to examine the social science questions related to the effective use of forensic evidence to identify and process criminal offenders and the impact of these advances on the criminal justice system. NIJ has identified several areas of interest for this solicitation, including issues related to sexual assault medical forensic examinations, familial DNA searching, and research on the rate of wrongful convictions. Research proposed under this solicitation should have direct implications for policy and/or practice in the criminal justice system, and these implications should be clearly stated in the application. NIJ funding for an individual research project is typically $500K.
Research on Violent Victimization - FY 2013

Department of Justice, National Institute of Justice (NIJ)
https://www.ncjrs.gov/pdffiles1/nij/sl001040.pdf

Contact: Nadine Frederique, 202/514–8777, Nadine.Frederique@usdoj.gov

Solicitation number: NIJ-2013-3467

Millions of Americans become violent crime victims every year. NIJ has a long history of supporting research on victimization and victim services. However, crime trends offer little information on the context and consequences of violent victimization. The goal of this solicitation is to expand NIJ’s program of research by encouraging investigator-initiated research on violent victimizations. Proposals will be considered on any violent victimization topic with the exception of proposals addressing the following topics: domestic and intimate partner violence, sexual violence, stalking, femicide, or teen dating violence. NIJ is particularly interested in proposals examining one or more of the following topics: 1) Intersection of race, ethnicity, and violent victimization; 2) Effectiveness of services for victims of violent crime; 3) Victim/Offender overlap as it pertains to violent crime; and 4) Sexual orientation and/or gender identity and violent victimization. The maximum project period is three years.

Evaluation Research on Police and Technology in Schools

Department of Justice, National Institute of Justice (NIJ)
https://www.ncjrs.gov/pdffiles1/nij/sl001044.pdf

Contact: Patrick Clark, 202/353-9482, Patrick.Clark@usdoj.gov

Solicitation number: NIJ-2013-3458

With this solicitation, NIJ is requesting applications for research to evaluate the use of police and technology in schools. The proposed research should be comprehensive and include assessment of aspects such as school ecology, culture, climate, and social capital in addition to outcomes and other impacts. Logic models should be provided and include assessment of implementation processes and outputs, proximal and distal outcomes. A cost-benefit component should be included as part of the proposed research design. Multi-method, multi-measurement, and multiple year projects will be given priority in funding. Administrative agreements with participating school districts are required and should be provided in the funding application. NIJ funding for an individual research project rarely exceeds $500K for a maximum project period of three years.

Environmental Protection Agency (EPA)

Environmental Research Training Program for College and University Students

Environmental Protection Agency
http://www.epa.gov/nrmrl/pdfs/EPA-ORD-NRMRL-CI-12-03FullText.pdf

Contact: Cynthia Johnson, 513/569-7873, johnson.cynthia@epa.gov

Solicitation number: EPA-ORD-NRMRL-CI-12-03

The purpose of this announcement is to competitively select a technically and administratively qualified recipient to develop and administer a year-round research training program. The program will supplement the academic training of students by enabling them to complete mentored projects with EPA scientists in ORD’s world-class federal research laboratories located in Cincinnati, Ohio. The training can be conducted at any time during the calendar year and may be structured to occur in conjunction with the student’s academic studies. However, training must be conducted at ORD’s Cincinnati facilities, and the applicant must communicate its approach for managing any logistics that are necessary to meet this objective. The Training Program will include: (a) undergraduate students who will gain research experience by working either as summer interns, or alternating quarters or semesters, or on a part-time basis with EPA ORD organization scientists (mentors), and (b) graduate research assistants, enrolled in Masters or Ph.D. programs, who will receive training in EPA research and will undertake more substantial research projects in collaboration with EPA and university scientists. Funding is anticipated at up to $300K per year for three years.
Digging Into Data Challenge Round 3
Institute of Museum and Library Services

http://www.diggingintodata.org/LinkClick.aspx?fileticket=zzSnVs698%2fA%3d&tabid=149

Contact: Varies with research interest

Solicitation number:

The Digging into Data Challenge aims to address how "big data" changes the research landscape for the humanities and social sciences and challenges the research community to help create the new research infrastructure for 21st-century scholarship. The four overarching goals of the Digging into Data are to: 1) Promote the development and deployment of innovative research techniques in large-scale data analysis that focus on applications in the humanities and social sciences; 2) Foster interdisciplinary collaboration among researchers in the humanities, social sciences, computer sciences, library science, archival science, information sciences, mathematical and statistical sciences, engineering, and other fields, around questions of text and data analysis; 3) Promote international collaboration among both researchers and funders; and 4) Ensure efficient access to and sharing of the materials for research by working with data repositories that hold large digital collections. Applicants must apply as an international research project partnership. Each project is a partnership among two to four national teams. Each team represents one of the four nations participating in the Digging into Data Challenge (Canada, the Netherland, the US, and the UK). Each national team must be led by an eligible institution (for example, a university) with a designated principal investigator. The grant period will range between twelve and twenty-four months. For US teams, the award amount will range between US $25K and $125K. If the US team consists of two or more institutions, the maximum award is increased to $175K.

National Aeronautics and Space Administration (NASA)

Ongoing

C.23 Planetary Major Equipment
National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/viewrepositordocument/cmdocumentid=301993/solicitationId=%7B48D582D6-FF5B-B624-FF5B-B624-

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

Solicitation number: NNH12ZDA001N-PME

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.

3/20/2013 Notice of Intent (optional)
5/20/2013 Proposal

The Science of Terra and Aqua
National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/viewrepositordocument/cmdocumentid=349795/solicitationId=%7B94BE0A05-547B-7369-547B-7369-

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

Solicitation number: NNH13ZDA001N-TERAQ

NASA’s Earth Science Research Program aims to utilize global measurements in order to understand the Earth system and interactions among its components as steps toward ultimate prediction of Earth system behavior. To achieve this goal, a combination of shorter-term process-oriented measurements is complemented by longer-term satellite measurements of a limited number of environmental properties. For the latter, a key requirement is the provision of well-calibrated, multiyear, and multisatellite data and product series. Three types of research are solicited: 1) Science Data Analysis; 2) Algorithms – New Data Products; and 3) Real- or Near-Real-Time Data Algorithms. The maximum project period is three years.
Origins of Solar Systems
National Aeronautics and Space Administration
http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=349480/solicitationId=%7B1984A62C-FCFD-10A0-
Contact: Varies with research interest
Solicitation number: NNH13ZDA001N-OSS
This program solicits basic research proposals to conduct scientific investigations related to understanding the formation and early evolution of planetary systems and to provide the fundamental research and analysis necessary to detect and characterize other planetary systems. These investigations may involve analytical and numerical modeling, laboratory research, and observational studies in the following areas: star formation and the relationship to planetary system formation, solar nebula processes, accumulation and dynamical evolution, analysis of primitive materials, and the detection and characterization of other planetary systems. The maximum award duration is four years. Shorter term proposals (1-3 years) are typical; a fourth year must be explicitly and well justified.

3/22/2013 Notice of Intent (encouraged)
5/23/2013 Proposal

ROSES 12: D.3 Astrophysics Research and Analysis Program
National Aeronautics and Space Administration
http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=301972/solicitationId=%7B23852FD2-7695-6AB2-
Contact: Ilana Harrus, 202/358-1250, ilana.m.harrus@nasa.gov
Solicitation number: NNH12ZDA001N-APRA
This program solicits basic research proposals for investigations that are relevant to NASA's programs in astronomy and astrophysics and includes research over the entire range of photons, gravitational waves, and particles of cosmic origin. Four-year or five-year proposals must be well justified; shorter-term proposals are typical. Proposals are solicited in the following categories: 1) Suborbital/Special Orbital Investigations; 2) Detector Development; 3) Supporting Technology; 4) Laboratory Astrophysics; and 5) Ground-Based Observations.

3/22/2013 Proposal

ROSES 2012 - Astrophysics Research and Analysis
National Aeronautics and Space Administration
http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=301972/solicitationId=%7B23852FD2-7695-6AB2-
Contact: Michael Garcia, 202/358-1053, Michael.R.Garcia@nasa.gov
Solicitation number: NNH12ZDA001N-APRA
This program solicits basic research proposals for investigations that are relevant to NASA's programs in astronomy and astrophysics and includes research over the entire range of photons, gravitational waves, and particles of cosmic origin. The APRA program seeks to support research that addresses the best possible (i) state-of-the-art detector technology development for instruments that may be proposed as candidate experiments for future space flight opportunities; (ii) science and/or technology investigations that can be carried out with instruments flown on suborbital sounding rockets, stratospheric balloons, or other platforms; and (iii) supporting technology, laboratory research, and/or (with restrictions) ground-based observations that are directly applicable to space astrophysics missions. To meet these goals, proposals are solicited in the following five broad categories: 1) Suborbital/Special Orbital Investigations; 2) Detector Development; 3) Supporting Technology; 4) Laboratory Astrophysics; and 5) Ground-Based Observations.

3/28/2013 Notice of Intent (encouraged)
5/17/2013 Proposal

Astrophysics Data Analysis
National Aeronautics and Space Administration
http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=349462/solicitationId=%7B75129D21-771D-AF9D
Contact: Douglas Hudgins, 202/358-0988, Douglas.M.Hudgins@nasa.gov
Solicitation number: NNH13ZDA001N-ADAP
This program provides support for investigations whose focus is on the analysis of archival data from NASA space astrophysics missions. This program solicits research whose primary emphasis is the analysis of NASA space astrophysics data that are archived in the public domain at the time of proposal submission. The maximum duration of awards is 4 years. Shorter-term proposals are welcome, four-year proposals must be especially well-justified.
Physical Oceanography

This program supports basic research and analysis activities that enable development of NASA’s current and future physical oceanography satellite missions and the scientific interpretation of data from them. The two priority areas for proposals solicited through this announcement are: 1) Analysis and interpretation of the ocean circulation using satellite and in-situ data and 2) Development of new remote sensing techniques for physical oceanography. Programmatic priority will be given to those proposals making the strongest links to analysis of satellite data and addressing oceanographic problems at basin or global scale. Total funds available for work selected under this solicitation are approximately $1.0M per year for three years.

Terrestrial Ecology

NASA Terrestrial Ecology research addresses changes in Earth’s carbon cycle and ecosystems using space-based observations. The goals of this program are to improve understanding of the structure and function of global terrestrial ecosystems, their interactions with the atmosphere and hydrosphere, and their role in the cycling of the major biogeochemical elements and water. This program of research addresses variability in terrestrial ecosystems, how terrestrial ecosystems and biogeochemical cycles respond to and affect global environmental change, and future changes in carbon cycle dynamics and terrestrial ecosystems. The research approach combines (i) use of remote sensing to observe terrestrial ecosystems and their responses; (ii) field campaigns and related process studies to elucidate ecosystem function; and (iii) ecosystem and biogeochemical cycle modeling to analyze and predict responses. Research to establish a theoretical and scientific basis for measuring Earth surface properties using reflected, emitted, and scattered electromagnetic radiation and to develop the methodologies and technical approaches to analyze and interpret such measurements is an important component of the Terrestrial Ecology research program. The maximum duration of awards is three years.

Ocean Biology and Biogeochemistry

This program focuses on describing, understanding, and predicting the biological and biogeochemical regimes of the upper ocean, as determined by observation of aquatic optical properties using remote sensing data, including those from space, aircraft, and other suborbital platforms. Overarching programmatic goals include: 1) Understanding and quantifying the impacts and feedbacks of Earth System processes, particularly oceanographic mechanisms, on the global and regional spatial and temporal variability of ocean biology and ecology, including phytoplankton and organisms from other trophic levels; 2) Understanding and quantifying the impacts and feedbacks of Earth System processes, particularly oceanographic mechanisms, on the global and regional spatial and temporal variability of ocean biogeochemistry, including carbon sources and sinks and the fate of other chemical species or components in the ocean; 3) Exploring the development of new biological, ecological, and biogeochemical observations beyond traditional ocean color (e.g., phytoplankton chlorophyll a) from space-based assets, as well as furthering the climate research enabled by existing time series of climate observations (Earth System Data Records); and 4) Improving future climate predictions (impacts and feedbacks) by incorporating a dynamic understanding of ocean biology, ecology, and biogeochemistry into global biogeochemical and ecological models to understand the ocean’s role in the Earth System. Expected annual program budget for new awards is $500K over a period of up to 12-18 months.
A.31 Interdisciplinary Research in Earth Science

This RFP requests approaches that integrate the traditional disciplines of the Earth sciences, as well as innovative and complementary use of models and data. Proposed research investigations must therefore: a) offer a fundamental advance to our understanding of the Earth system; b) be based on remote sensing data, especially satellite observations, but including suborbital sensors as appropriate; c) go beyond correlation of data sets and seek to understand the underlying causality of change through determination of the specific physical, chemical, and/or biological processes involved; d) be truly interdisciplinary in scope by involving traditionally disparate disciplines of the Earth sciences; and e) address at least one of the five specific themes listed in this solicitation: 1) Understanding Earth System Vulnerabilities to Climate Extremes; 2) Impacts of Changing Polar Ice Cover; 3) Water and Energy Cycle Impacts of Biomass Burning; 4) Impacts of Population growth on watersheds and coastal ecology; and 5) Role of Permafrost in a Changing Climate. The maximum project period is three years.

Cosmochemistry

This program supports investigations of extraterrestrial materials that are aimed at understanding the geochemistry of bodies (planets, satellites, including the Earth’s Moon, and small bodies) and dust in the Solar System. The goal of this program is to support research projects that increase the understanding of the chemical origin of the Solar System and the processes by which its planets and small bodies have evolved to their present states. NASA is particularly interested in proposals for sample-focused research projects that closely support its missions for exploring the Solar System or that contribute to the development of future missions. Individual investigations may contribute new data, analyze and synthesize existing data, or combine both kinds of activities. Maximum duration of awards is four years.

Advancing Collaborative Connections for Earth System Science

The primary objective of the Advancing Collaborative Connections for Earth System Science (ACCESS) program is to enhance, extend, and improve existing components of NASA’s distributed and heterogeneous data and information systems infrastructure. NASA’s Earth science data systems, comprised of both core and community elements, directly support agency science and applied science goals and objectives. ACCESS projects increase the interconnectedness and reuse of key information technology software and techniques underpinning the advancement of Earth science research. Program awards are intended to help bear the costs of technological deployment of needed tools and not be an ongoing funding source for the operations and maintenance of these tools. Proposal teams must include both information technology and Earth science experts, and proposals must be tied directly to Earth science and applied science investigations. Approximately $200K - $500K per year will be provided for each ACCESS award for a two year period of performance.
Opportunities in Education and Public Outreach for Earth and Space Sciences

This Opportunities in Education and Public Outreach for Earth and Space Science (EPOESS) solicitation is for project activities utilizing SMD content supporting NASA education and public outreach (E/PO) objectives. It solicits proposals that address substantial and substantive educational or outreach needs or problems and offer solutions of significant impact. Project activities are expected to be relevant to NASA SMD Education and Outreach portfolio. This relevance should be clearly demonstrated in the proposal. This program element is expected to issue additional solicitations approximately every 12-24 months.

Contact: James Lochner, 202/358-3858, james.c.lochner@nasa.gov

Planetary Astronomy

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

Contact: Kelly Fast, 202/358-0768, kelly.e.fast@nasa.gov

Astrobiology - Exobiology and Evolutionary Biology

The goal of this program is to understand the origin, evolution, distribution, and future of life in the Universe. Research is centered on the origin and early evolution of life, the potential of life to adapt to different environments, and the implications for life elsewhere. This research is conducted in the context of NASA’s ongoing exploration of our stellar neighborhood and the identification of biosignatures for in situ and remote sensing applications. The areas of research emphasis are: 1) Planetary Conditions for Life; 2) Prebiotic Evolution; 3) Early Evolution of Life and the Biosphere; 4) Evolution of Advanced Life; and 5) Exobiology for Solar System Exploration. Periods of performance range from one to four years.
Planetary Atmospheres

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

Contact: Kelly Fast, 202/358-0768, kelly.e.fast@nasa.gov

Solicitation number: NNH13ZDA001N-PATM

Heliophysics LWS Science (H-LWS)

NASA solicits proposals leading to a physics-based understanding of the integral system linking the Sun to the Solar System, including the impact on the heliosphere, planetary magnetospheres, and ionospheres. The program’s objectives can be achieved by data analysis, theory, and modeling, and the development of tools and methods. The stated goal of LWS poses two great challenges for the LWS program. First, the program must tackle large-scale problems that cross discipline and technique boundaries (e.g., data analysis, theory, modeling, etc.); and second, the program must identify how this new understanding will have a direct impact on life and society. The Targeted Investigations element this year consists of: 1) Focused Science Topics (FSTs) and 2) A Special Initiative: Science Analysis for the Solar Dynamics Observatory (SDO). The maximum duration of these awards are four years and three years respectively.

Contact: Madhulika Guhathakurta, 202/358-1992, lws.trt@nasa.gov

Solicitation number: NNH13ZDA001N-LWS

Carbon Cycle Science

This announcement seeks proposals to improve understanding of changes in the distribution and cycling of carbon among the active land, ocean, and atmospheric reservoirs and how that understanding can be used to establish a scientific foundation for societal responses to global environmental change. This community plan informs U.S. research efforts on the global carbon cycle for the next decade. It is organized around three overarching questions: 1) How do natural processes and human actions affect the carbon cycle on land, in the atmosphere, and in the ocean?; 2) How do policy and management decisions affect the levels of the primary carbon-containing gases, carbon dioxide and methane, in the atmosphere?; and 3) How are ecosystems, species, and natural resources impacted by increasing greenhouse gas concentrations, the associated changes in climate, and by carbon management decisions? Maximum duration of award is three years.
Mars Fundamental Research
National Aeronautics and Space Administration
http://nspires.nasaprs.com/external/viewrepositordocument/cmdocumentid=349437/solicitationId=%7B23E108E1-E2FF-D144-
Contact: Mitchell Schulte, 202/358-2127, Mitchell.D.Schulte@nasa.gov
Solicitation number: NNH13ZDA001N-MFRP
This program seeks to sponsor the best and most innovative scientific research concerning atmospheric, climatological, geologic, geophysical, and geochemical processes on Mars and offers opportunities for Mars research beyond those available from analyses of spacecraft data alone. The MFRP includes investigations that use: (i) theoretical and experimental studies, including laboratory studies of analog materials, to investigate the coupled atmospheric and geological systems on Mars; (ii) quantitative terrestrial field experiments that improve understanding of the in situ measurements that have been or that will be made on Mars; and (iii) any other innovative research activities that demonstrate relevance to NASA’s overarching goals for the scientific exploration of Mars. Maximum duration of awards is three years.

Astrophysics Theory
National Aeronautics and Space Administration
http://nspires.nasaprs.com/external/viewrepositordocument/cmdocumentid=349466/solicitationId=%7B360025F3-4E21-8069-
Contact: Keith MacGregor, 202/358-2463, HQ-ATP@mail.nasa.gov
Solicitation number: NNH13ZDA001N-ATP
This program supports efforts to develop the basic theory for NASA’s space astrophysics programs. Proposals submitted for this program must both: be directly relevant to space astrophysics goals by facilitating the interpretation of data from space astrophysics missions or by leading to predictions that can be tested with space astrophysics observations; and consist predominantly of theoretical studies or the development of theoretical models. The maximum award duration is four years. Shorter term proposals are encouraged; four-year proposals must be well justified.

Weather
National Aeronautics and Space Administration
http://nspires.nasaprs.com/external/viewrepositordocument/cmdocumentid=349650/solicitationId=%7B6E74C972-BD4C-2286-
Contact: Ramesh Kakar, 202/358-0240, ramesh.k.kakar@nasa.gov
Solicitation number: NNH13ZDA001N-Weather
This solicitation is aimed at enabling improved predictive capability for certain weather and extreme weather events. The emphasis will be on developing the necessary satellite based observational tools that are relevant to two conceptual satellite missions of the future and another satellite mission recently selected by NASA under the Earth Venture program. Any proposal that does not clearly detail the use of at least one of these satellite missions will be considered nonresponsive to this solicitation. Maximum duration of awards is 36 months.

Heliophysics Supporting Research (H-SR)
National Aeronautics and Space Administration
http://nspires.nasaprs.com/external/viewrepositordocument/cmdocumentid=349396/solicitationId=%7B7132A905-ED5E-0559-
Contact: Arik Posner, 202/358-0727, arik.posner@nasa.gov
Solicitation number: NNH13ZDA001N-HSR
The goal of the Heliophysics Supporting Research (SR) program combines the scientific objectives previously supported in the Supporting Research elements of the Geospace Science program and the Solar and Heliospheric Science program. Heliophysics SR awards are small focused individual research investigations that employ a variety of techniques, including theory, numerical simulation, modeling, analysis, and interpretation of space data. Heliophysics SR supports investigations of the solar interior, solar photosphere, solar chromosphere, transition region, and corona, the inner and outer heliosphere, and the interstellar boundary. Heliophysics SR includes investigations of planetary magnetospheres, ionospheres, and upper atmospheres, with emphasis on Earth’s magnetosphere, ionosphere, thermosphere and mesosphere. Coupling between one or more of these regions is an important part of the Heliophysics SR program. Annual funding is anticipated to be approximately $140K for up to three years.
Sea Level Rise

National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/viewrepositordocument/cmdocumentid=349635/solicitationId=%7BC4EF3988-5353-2F6C-...-SLR

Contact: Thomas Wagner, 202/358-4682, thomas.wagner@nasa.gov
Solicitation number: NNH113ZDA001N-SLR

This program is intended to integrate research results, data sets, and model output to improve the accuracy and spatial resolution of sea level change estimates, and communicate these results in a simplified manner to the scientific community and general public. It is focused on the following four subelements, chosen because these areas are critical to improved understanding of sea level change, but lack adequate support: 1) Sea level rise and its regional variation; 2) Improving knowledge of ice mass change; 3) New sea level datasets; and 4) A NASA Web portal for sea level change. The maximum award duration is three years with an expected first year budget of approximately $5M.

National Archives and Records Administration (NARA)

4/1/2013 Draft Deadline (optional)
6/11/2013 Final Deadline

Digitizing Historical Records

National Archives and Records Administration


Contact: Nancy Melley, 202/357-5452, nancy.melley@nara.gov
Solicitation number: DIGITIZING-201306

The National Historical Publications and Records Commission seeks proposals that use cost-effective methods to digitize nationally significant historical record collections and make the digital versions freely available online. Projects must make use of existing holdings of historical repositories and consist of entire collections or series. The materials should already be available to the public at the archives and described so that projects can re-use existing information to serve as metadata for the digitized collection. To make these projects as widely useful as possible for archives, historical repositories, and researchers, the applications must demonstrate: 1) The national significance of the collections or records series to be digitized; 2) An effective work flow that repurposes existing descriptive material, rather than creating new metadata about the records; 3) Reasonable costs and standards for the project as well as sustainable preservation plans for the resulting digital records; and 4) Well-designed plans that evaluate the use of the digitized materials and the effectiveness of the methods employed in digitizing and displaying the materials. A grant normally is for one to three years and up to $150K. Cost sharing is required.

5/1/2013 Colonial and Early National Period Draft (optional)
6/6/2013 Colonial and Early National Period Deadline
8/1/2013 New Republic through the Modern Era Draft (optional)
10/3/2013 New Republic through the Modern Era Final Deadline

Publishing Historical Records

National Archives and Records Administration

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

Contact: 202/357-5010, nhprc@nara.gov
Solicitation number: PUBLISHING-201306

The Commission supports projects that publish historical documents important for the comprehension and appreciation of the history of the United States. The projects cover a broad sweep – from politics and the military to business history, reform efforts, and the arts. Produced under modern, rigorous documentary editing standards, Commission-sponsored documentary projects make important materials from all periods of American history more accessible and understandable today and for the future. This grant provides funding for two different categories: 1) Colonial and Early National Period, projects preparing publications whose documents fall predominantly prior to 1820; and 2) New Republic through the Modern Era, projects preparing publications whose documents fall predominantly after 1820.

National Endowment for the Humanities (NEH)
NEH Summer Seminars and Institutes

These grants support faculty development programs in the humanities for school teachers and for college and university teachers. NEH Summer Seminars and Institutes may be as short as two weeks or as long as five weeks. The duration of a program should allow for a rigorous treatment of its topic. The program formats are: Seminar for school teachers—16 participants; Institute for school teachers—25 to 30 participants; Seminar for college and university teachers—16 participants; and Institute for college and university teachers—25 participants. NEH anticipates that awards for seminars will range between $70K and $140K for a grant period of 12 months. Awards for institutes range from $90K to $200K for a grant period of 15 months.

Contact: 202/606-8471, sem-inst@neh.gov
Solicitation number: 20130305-FS

NEH Awards for Faculty at Hispanic-Serving Institutions

This program supports individual faculty or staff members at Hispanic-Serving Institutions pursuing research of value to humanities scholars, students, or general audiences. Awards are designed to be flexible, allowing applicants to define the audience, type of research, award periods, and administrative arrangements that best fit their projects. Eligible projects include pursuing research in primary and secondary materials; producing articles, monographs, books, digital materials, archaeological site reports, translations, editions, or other scholarly resources; and conducting basic research leading to the improvement of an existing undergraduate course or the achievement of institutional or community research goals. The amount of the award is $4.2K per full-time month. The minimum award length is the equivalent of two months of full-time work; the maximum is the equivalent of twelve months of full-time work. The award period must be continuous.

Contact: 202/606-8200, FacultyAwards@neh.gov
Solicitation number: 20130416-HB

Fellowships for Advanced Social Science Research on Japan

Awards support research on modern Japanese society and political economy, Japan's international relations, and U.S.-Japan relations. The program encourages innovative research that puts these subjects in wider regional and global contexts and is comparative and contemporary in nature. The fellowships are designed for researchers with advanced language skills whose research will require use of data, sources, and documents in their original languages or whose research requires interviews onsite in direct one-on-one contact. Fellows may undertake their projects in Japan, the United States, or both, and may include work in other countries for comparative purposes. Fellowships support continuous full-time work for a period of six to twelve months. Successful applicants receive a stipend of $4.2K per month. The maximum stipend is $50.4K for a twelve-month period.

Contact: 202/606-8200, fellowships@neh.gov
Solicitation number: 20130501-FO

Fellowships

The Fellowships program welcomes projects that respond to NEH's Bridging Cultures initiative. Such projects could focus on cultures internationally or within the United States. Fellowships support individuals pursuing advanced research that is of value to humanities scholars, general audiences, or both. Recipients usually produce articles, monographs, books, digital materials, archaeological site reports, translations, editions, or other scholarly resources in the humanities. Projects may be at any stage of development. Fellowships support continuous full-time work for a period of six to twelve months with a stipend of $4.2K per month.
Preservation and Access Research and Development

National Endowment for the Humanities, Division of Preservation and Access


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

Solicitation number: 20130501-PR

These grants support projects that address major challenges in preserving or providing access to humanities collections and resources. These challenges include the need to find better ways to preserve materials of critical importance to the nation’s cultural heritage—from fragile artifacts and manuscripts to analog recordings and digital assets subject to technological obsolescence—and to develop advanced modes of searching, discovering, and using such materials. Applicants should define a specific problem, devise procedures and potential solutions, and explain how they would evaluate their projects and disseminate their findings. Project results must serve the needs of a significant number of humanists. NEH encourages applications that address: 1) Digital preservation; 2) Recorded sound and moving image collections; and 3) Preventative Conservation. The maximum award is $350K for up to three years. Applicants whose projects focus on at least one of the three areas of special interest noted above may request up to $400K. Although cost sharing is not required, in most cases, NEH grants cover no more than 80% of project costs.

Preservation Assistance Grants for Smaller Institutions FY 2013 - Limited Submission

National Endowment for the Humanities


Contact: preservation@neh.gov

Solicitation number: 20130501-PG

Preservation Assistance Grants help small and mid-sized institutions—such as libraries, museums, historical societies, archival repositories, cultural organizations, town and county records offices, and colleges and universities—improve their ability to preserve and care for their significant humanities collections. These may include special collections of books and journals, archives and manuscripts, prints and photographs, moving images, sound recordings, architectural and cartographic records, decorative and fine art objects, textiles, archaeological and ethnographic artifacts, furniture, historical objects, and digital materials. The maximum award is $6K for a period of 18 months.

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)
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.

Varies with research interest

http://grants.nih.gov/grants/guide/pa-files/PA-12-149.html

Contact: PA-12-149
Solicitation number: PA-12-149

Skin Diseases Research Core Centers (P30) - Limited Submission

The Skin Diseases Research Core Centers (SDRCs) will provide shared facilities and services to groups of established, currently funded investigators addressing scientific problems in skin biology and diseases, in order to improve efficiency, accelerate the pace of research, and ensure greater productivity. In addition to providing services and resources to facilitate independently funded research projects, the Core Centers are encouraged to enhance the research environment and promote synergistic collaborations among the Center Investigators. Support is provided for an administrative core that includes a Center Enrichment Program, and two or more Research Cores. The maximum award is $400K per year for up to five years.

Areas of skin research of interest to NIAMS that could benefit from shared core facilities include, but are not limited to:
1) Regulation of keratinocyte proliferation and differentiation, including signal transduction pathways, micro RNAs and other noncoding RNAs, and epigenetics; 2) Developmental biology of the epidermis and skin appendages; 3) Epithelial-mesenchymal interaction (e.g., dermal fibroblast’s role in hair follicle development); 4) Biology of skin stem cells; 5) Melanocyte biology, melanosome structure and biogenesis, inherited disorders of pigmentation; 6) Regenerative medicine, including therapeutic applications of skin stem cells and the development of artificial skin; 7) Structural integrity of the epidermis, barrier formation and delivery of therapeutics through the skin barrier; 8) Identification of the genetic basis of both rare and common skin diseases, including follow-up studies on pathogenesis and the generation of animal models of disease; 9) Mechanistic studies focused on the induction and regulation of adaptive and innate immunity of the skin; 10) Mechanistic studies focused on the induction and regulation of inflammation in the skin; 11) Basic and clinical research focused on immune and inflammatory diseases of skin; 12) Interactions of the skin microbiome with the host cutaneous immune system and role of the skin microbiome as a trigger for diseases in the NIAMS mission; 13) The molecular basis and clinical treatment of pruritis; 14) Prevention of skin diseases and research focused on the mechanisms of skin aging; 15) Identification and development of biomarkers for diagnosis, disease severity and progression of disease, and for monitoring the response to treatment; 16) Comparative effectiveness research studies focused on skin diseases; 17) The structure of ECM components (e.g., collagens, fibrillins), their normal assembly, interaction, function and their diseases (e.g., Marfan Syndrome, Ehlers-Danlos Syndrome); 18) Fibroblast biology and diseases (e.g., fibroblast diversity, their role in sclerosis and fibrosis); 19) Cutaneous vasculature normal development and diseases (e.g., endothelial cell biology, hemangioma, Port Wine Stain birthmarks); 20) Wound healing, normal ECM remodeling and diseases (e.g., matrix metalloproteases, chronic wounds, keloids); 21) Signal transduction in ECM (e.g., TGF-beta); 22) Ectopic mineralization in ECM (e.g., pseudoxanthoma elasticum); 23) Cutaneous sensory organ and innervation function (e.g., temperature and touch) and diseases.
Exceptional Unconventional Research Enabling Knowledge Acceleration (EUREKA) for Neuroscience and Disorders

This FOA solicits Research Project Grant (R01) applications addressing exceptionally novel hypotheses and/or remarkably difficult problems in neuroscience and disorders of the nervous system. This announcement is for support of new rather than ongoing projects, and is not intended for pilot research. The proposed research may have a high risk of failure, but it must promise results with especially high impact should it be successful. The research should be groundbreaking, innovative, original and/or unconventional, with the potential to solve important problems or open new areas for investigation. Support may be requested for up to $800K in direct costs over a four-year period, prorated for shorter terms ($600K for three years, $400K for two years). Regardless of the term of support, direct costs may not exceed $250K in any one year.

Team-Based Design in Biomedical Engineering Education (R25) 2013 - Limited Submission

This FOA encourages applications that propose to establish new or to enhance existing team-based design courses in undergraduate Biomedical Engineering departments or programs. This FOA targets undergraduate students at the senior level but may also include junior undergraduates and first-year graduate students. Courses that address innovative and/or ground-breaking development, multidisciplinary/interdisciplinary training and clinical immersion are especially encouraged. Budgets for direct costs of up to $40K per year and project durations of up to five years may be requested.

Centers of Excellence for Translational Research (CETR)

With this FOA, NIAID invites applications to establish Centers of Excellence for Translational Research (CETR) focused on the development of medical countermeasures and associated platforms/technologies targeting NIAID Emerging and Re-emerging Infectious Diseases, which includes NIAID Category A, B and C Priority Pathogens. For the purposes of this FOA, “translational research” is defined as research and developmental activities focused on transforming basic science outcomes (knowledge, technologies, infrastructure, etc.) into new and innovative approaches for prevention, diagnosis, and treatment of disease. Priority will be given to Centers that address the greatest clinical need. Emphasis will be placed on Centers that integrate current research knowledge and infrastructure with highly innovative and synergistic approaches to facilitate medical countermeasure development, and address related constraints, challenges or barriers to product development, licensure and usage. Clinical trials will not be supported under this program. Application budgets are limited to $4M for FY2014 directs costs with a maximum project period of five years.
**Functional Epigenomics - Developing Tools and Technologies for Cell-type, Temporal, or Locus-specific Manipulation**

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


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

Solicitation number: RFA-RM-12-026

The purpose of this FOA is to stimulate innovative research to develop novel tools and technologies that enable at least one of the following: 1) Tissue or cell-specific manipulation of epigenetic modifications or their effector molecules; 2) Temporal manipulation of the epigenome; 3) Locus-specific manipulation of the epigenome; or 4) Novel approaches that enable any combination of these three things. The main goal of this FOA is to develop tools and technologies that must impact epigenetic regulatory mechanisms such as DNA modifications, histone modifications, histone variants, proteins that bind these modifications, non-coding RNAs associated with chromatin, or processes that alter nucleosome position, associated complexes, or higher order chromatin structure. Application budgets may not exceed $325K in direct costs over a period of up to five years.

**Development and Integration of Novel Components for an Automated Artificial Pancreas System (DP3)**

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


Contact: Guillermo Arreaza-Rubin, 301/594-4724, ga96b@nih.gov

Solicitation number: RFA-DK-12-021

This initiative encourages applications from institutions/organizations proposing groundbreaking original research to develop a highly reliable, wearable, portable and easy to operate system linking continuous glucose monitoring and pancreatic hormones delivery in a closed loop system to improve glucose control and quality of life of patients with diabetes. This FOA will give preference to cutting edge research leading to the development of a new generation of devices engineered to maintain euglycemia and avoid hypoglycemia. The goal is to address barriers that limit progress toward a closed loop system tackling the most important obstacles at the level of sensing, hormone delivery and the design of proper controllers/algorithms able to manage an integrated platform adaptable to remote monitoring when needed. Maximum direct costs are $2.5M to be used over a project period of up to 5 years.

**NIH Summer Research Experience Programs (R25)**

National Institutes of Health


Contact: Varies with research interest

Solicitation number: PAR-13-104

The purpose of this FOA is to provide a high quality research experience for high school and college students and for science teachers during the summer academic break. The NIH expects that such programs will: help attract young students to careers in science; provide opportunities for college students to gain valuable research experience to help prepare them for graduate school; and enhance the skills of science teachers and enable them to more effectively communicate the nature of the scientific process to their students. The programs would also contribute to enhancing overall science literacy. Summer Research Programs that expand and complement existing summer educational and training programs are encouraged. Budgets cannot exceed $100K direct costs per year for up to five 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.

The Influence of the Microbiome on Preterm Labor and Delivery (R01)

National Institutes of Health, National Institute of Nursing Research (NINR)


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

Solicitation number: RFA-NR-13-002

This FOA builds on the NINR’s previous efforts to understand the mechanisms related to preterm birth by leveraging the work performed by NIH’s Human Microbiome Project (HMP). NINR seeks research to address the contribution of the microbiome to preterm labor and delivery. Preterm birth is a leading cause of neonatal mortality and morbidity, and evidence suggests that although there are multiple contributors, microorganisms may play a significant role. Research conducted as part of the HMP demonstrated that a shift in bacterial species occurs in women during the course of a pregnancy. An enhanced knowledge of the microbiome, the changes that are associated with increased risk for preterm labor and delivery, and the influence of genetic and environmental factors is needed to better address this important public health issue. Interdisciplinary collaborations that include nurse scientists in the project team are strongly encouraged. Additionally, applicants should consider engaging the resources and expertise of nearby or otherwise available Clinical and Translational Science Award grant sites (CTSAs) and/or federally funded research centers where possible. Application budgets are limited to $350K in direct costs in any year, not including consortium F&A costs, for a maximum of five years. This FOA runs in parallel with another FOA of identical scientific scope, RFA-NR-13-003, that utilizes the R21 Exploratory/Developmental Grant mechanism.

Superfund Hazardous Substance Research and Training Program 2013 - Limited Submission

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


Contact: Varies with research interest

Solicitation number: RFA-ES-13-001

This program supports problem-based, solution-oriented research Centers that consist of multiple, integrated projects representing both the biomedical and environmental science disciplines; as well as cores tasked with administrative, community engagement, research translation, research support, and training functions. The scope of these centers includes: 1) advanced techniques for the detection, assessment, and evaluation of the effect on human health of hazardous substances; 2) methods to assess the risks to human health presented by hazardous substances; 3) methods and technologies to detect hazardous substances in the environment; and 4) basic biological, chemical, and physical methods to reduce the amount and toxicity of hazardous substances. A new application may request a budget for direct costs of up to $1.7M for the first year. New applications may propose an award period of up to four years.
Planning Grants for the NIH National Research Mentoring Network (NRMN) (P20) - Limited Submission

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


Contact: Jennifer Alvidrez, 301/594-9567, alvidrezjl@mail.nih.gov

Solicitation number: RFA-RM-13-002

This program will extend from and enhance the many existing programs that currently support students, faculty, and institutions to increase diversity in the scientific workforce. It will create an integrated consortium of institutions and organizations working together to establish a community of diverse scientists, strengthening ties between mentors and mentees at all career stages, and building effective collaborative networks. Goals for the NRMN include the following: 1) Connecting students, postdoctoral fellows, and faculty from groups underrepresented in the biomedical or behavioral research workforce with experienced mentors, both in person and through online networks; 2) Developing standards and metrics for effective face-to-face and online mentoring; 3) Providing training to individuals interested in learning how to become better mentors; 4) Providing or facilitating participation in relevant workshops and training opportunities in grantsmanship (grant writing; mock study sections; feedback on grant applications) and biomedical research career “survival” strategies; and 5) Creating effective networking opportunities for students, postdoctoral fellows, and junior faculty from diverse backgrounds with the larger biomedical research community.

Award budgets for NRMN planning grants may not exceed $130K in direct costs over a project period of six months.

Planning Grants for the NIH Building Infrastructure Leading to Diversity (BUILD) Initiative (P20) - Limited Submission

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


Contact: Michael Sayre, 301/435-0962, sayrem@mail.nih.gov

Solicitation number: RFA-RM-13-001

The purpose of this FOA is to encourage institutions with expertise and innovative strategies for developing research and mentoring opportunities for undergraduate students from backgrounds underrepresented in biomedical research to submit applications for 6 month planning grants for the NIH Building Infrastructure Leading to Diversity (BUILD) initiative. The BUILD initiative aims to increase the diversity of the NIH-funded workforce by supporting collaborative programs that include novel approaches for enhancing undergraduate education, training, and mentorship, as well as infrastructure support and faculty development to facilitate those approaches. BUILD planning grants are intended to help institutions develop the necessary partnerships and infrastructure needed to be competitive for the BUILD initiative. Award budgets for BUILD planning grants may not exceed $150K in direct costs over a six month project period.

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

National Institutes of Health, Cross-Institute


Contact: Michael Spittle, 301/451-4286, Michael.Spittle@nih.gov

Solicitation number: PAR-10-136

The purpose of this FOA is to encourage behavioral and social science research on the causes and solutions to health and disabilities disparities in the U.S. population. Emphasis is placed on research in public policy, health care, and disease/disability prevention. Particular attention is given to reducing health gaps among groups. Proposals that utilize an interdisciplinary approach, investigate multiple levels of analysis, incorporate a life-course perspective, and/or employ innovative methods such as system science or community-based participatory research are particularly encouraged. This FOA runs in parallel with a FOA of identical scientific scope, PAR-10-137, that encourages applications under the R21 mechanism.
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-13-009

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 $350K direct cost in any given year, for up to four 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 Aging (NIA)


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.

Planning for a National Center for Particle Beam Radiation Therapy Research (P20)

National Institutes of Health, National Cancer Institute (NCI)


Contact: James Deye, 301/496-6111, deyej@nih.gov

Solicitation number: PAR-13-096

This FOA encourages and supports planning efforts for establishing a center for Particle Beam Radiation Therapy (PBRT) Research. The Center must be planned to operate as a research center adjunct to an independently created and funded, sustainable clinical facility for PBRT. Ultimately, the proposed Center is expected to perform clinically relevant research using proton and heavier ion beams (including but not necessarily limited to carbon beams). The goal of this FOA is to provide the awardees with funding to enable inclusion of necessary resources (expertise or facilities) to carry out basic, translational, and clinical research complementary to a clinical PBRT facility. Applications may request a maximum annual budget of $500K total costs for a project period of up to two years.
Genomic Resource Grants for Community Resource Projects (U41)
National Institutes of Health, National Human Genome Research Institute (NHGRI)

This FOA encourages applications for the development and support of genomic resources that will be available to and valuable for the broad research community. Such resources include (but are not limited to) informatics resources such as model organism databases and ontologies, comprehensive collections of genomic features (such as structural variants), and collections of physical resources (such as samples and cDNA clone banks). The maximum project period is five years.

Contact: Varies with research interest
Solicitation number: PAR-11-095

Silvio O. Conte Centers for Basic or Translational Mental Health Research (P50)
National Institutes of Health, National Institute of Mental Health (NIMH)

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

Short Courses on Mathematical, Statistical, and Computational Tools for Studying Biological Systems (R25)
National Institutes of Health, National Institute of General Medical Sciences (NIGMS)

This FOA encourages applications for Research Education Grants (R25) to conduct workshops and short courses to improve integration of mathematical, statistical, and computational approaches into biological and/or behavioral research. Support will be limited to activities that reach a wide audience of researchers. The FOA is not intended for university courses or curriculum development. Budgets for direct costs of up to $200K per year for a maximum duration of five years may be requested.
4/20/2013  Agency Notice of Intent (not required)
5/25/2013  Full Application

**Predoctoral Training Program in the Neurosciences (T32) - Limited Submission**

National Institutes of Health

http://grants.nih.gov/grants/guide/pa-files/PAR-12-084.html

Contact:  Varies

Solicitation number:  PAR-12-084

The Jointly Sponsored NIH Predoctoral Training Program in the Neurosciences supports broad and fundamental research training in the neurosciences via institutional NRSA research training grants (T32) at domestic institutions of higher education. Trainees appointed to this training grant are financially supported for either one or two years, during the first 2 years of their graduate research training. The primary objective is to prepare individuals for careers in neuroscience that have a significant impact on the health-related research needs of the Nation. Application budgets are not limited, but need to reflect actual needs of the proposed project.

4/25/2013  Letter of Intent (optional)
5/25/2013  Application

**Postdoctoral Training Program in Obstetric and Pediatric Pharmacoepidemiology (T32)**

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


Contact:  Zhaoxia Ren, 301/402-9340, zren@mail.nih.gov

Solicitation number:  PAR-13-112

This FOA encourages applications from organizations that propose creative and innovative institutional research training programs in the mission areas of the NICHD. The purpose of the training program is to help ensure that a diverse pool of highly trained scientists is available in appropriate scientific disciplines to address the nation’s biomedical, behavioral, and clinical research needs. The goals of this training program are: 1) to encourage and support training in pediatric and/or obstetric pharmacoepidemiology; and 2) to produce a well-qualified cadre of academic investigators who are capable of conducting pharmacoepidemiologic research in children and/or pregnant women. The Training PD/PI should limit appointments to individuals who are committed to a career in research and who plan to remain on the training grant or in a non-NRSA research experience for a cumulative minimum of 2 years. The total project period may not exceed five years.

4/30/2013  Letter of Intent (optional)
5/30/2013  Application

**Research Networks for Macromolecular Interactions in Cells (U54)**

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


Contact:  Varies with research interest

Solicitation number:  RFA-GM-14-005

The purpose of this FOA is to establish interdisciplinary collaborative research networks to advance studies of macromolecular interactions and their relationship to function in cells. Investigators may use this opportunity to i) complement each other’s capabilities, where the innovation is in the biology rather than in the technology; ii) apply proven technologies that are technically challenging, expensive, or not yet widely used in cell biology and allied fields; iii) develop, pilot, evaluate, and/or apply emerging technologies; iv) carry out feasibility studies or upstream research and development of new technological concepts that are unproven, but potentially useful for study of macromolecular interactions. This FOA invites unconventional research strategies, including exploratory, descriptive, and statistical approaches, and encourages discovery and hypothesis generation as research objectives. Application budgets are limited to $500K per year for a maximum of five years. This FOA runs in parallel with other FOAs of identical scientific scope: 1) RFA-GM-14-003, which utilizes the R01 Research Project Grant mechanism; and 2) RFA-GM-14-004, which utilizes the R01 Research Project Grant mechanism.
Collaborations for Macromolecular Interactions in Cells (R01)
National Institutes of Health, National Institute of General Medical Sciences (NIGMS)

Contact: Varies with research interest

Solicitation number: RFA-GM-14-004

Macromolecular interactions and their relationship to function in cells. These collaborations are designed to integrate additional research strategies into NIGMS' research base of laboratories specializing in macromolecular function in living systems. Grantees may use this funding opportunity to (i) complement each other’s capabilities (for example, in biochemistry, genetics, chemistry, or pharmacology), where the innovation is in the biology rather than in the technology; (ii) apply proven technologies that are technically challenging, expensive, or not yet widely used in cell biology and allied fields (for example, mass spectrometry, high-throughput screening); (iii) develop, pilot, evaluate, and/or apply emerging technologies (for example, super resolution light microscopy); (iv) carry out feasibility studies or upstream research and development of new technological concepts that are unproven, but potentially useful for study of macromolecular interactions. This FOA invites unconventional research strategies, including exploratory, descriptive, and statistical approaches, and encourages discovery and hypothesis generation as research objectives. A priority of this FOA is to support collaborations that can accomplish their goals on a total budget not exceeding $100K direct costs for multiple PD/PIs at a single institution, $175K for multiple PD/PIs at two institutions, and $250K for multiple PD/PIs at three or more institutions. The maximum project period is four years. This FOA runs in parallel with other FOAs of identical scientific scope: 1) RFA-GM-14-003, which utilizes the R01 Research Project Grant mechanism; and 2) RFA-GM-14-005, which utilizes the U54 Specialized Center- Cooperative Agreements mechanism.

Mechanism for Time-Sensitive Drug Abuse Research (R21)
National Institutes of Health, National Institute on Drug Abuse (NIDA)

Contact: Redonna Chandler, 301/443-6504, rchandle@nida.nih.gov

Solicitation number: PAR-12-297

This FOA is intended to support pilot, feasibility or exploratory research for up to 2 years in 4 priority areas, including: 1) responses to unexpected and time-sensitive medical system issues (e.g. opportunities to understand addiction services in the evolving health care system); 2) responses to emerging drug abuse-related HIV trends and topics (e.g. rapidly evolving drug abuse-related epidemics, time-sensitive policy or environmental changes); 3) responses to unexpected and time-sensitive criminal justice opportunities (e.g. new system and/or structural level changes) that relate to drug abuse and access and provision of health care service; and 4) responses to unexpected and time-sensitive prescription drug abuse opportunities (e.g., new state or local efforts). It should be clear that the knowledge gained from the proposed study is time-sensitive and that an expedited review and funding are required in order for the scientific question to be answered. In particular, this FOA encourages innovative scientific partnerships between researchers and community or public partners who cannot delay policy or program changes in order to obtain baseline research data related to the implementation or impact of such changes. Research collaborations intended to answer unique and innovative questions concerning changes in a health care system or policy are of most interest. Direct costs are limited to $275K over a two-year project period. No more than $200K may be requested in any single year.
Dissemination and Implementation Research in Health (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-13-055

Each year, billions of U.S. tax dollars are spent on research and hundreds of billions are spent on service delivery and community health programs. However, relatively little is spent on, or known about, how best to ensure that the lessons learned from research are relevant to, and, inform and improve the quality of health, delivery of services and the utilization and sustainability of evidence-based tools and approaches. The purpose of this FOA is to support innovative approaches to identifying, understanding, and overcoming barriers to the adoption, adaptation, integration, scale-up and sustainability of evidence-based interventions, tools, policies, and guidelines. Conversely, there may be a benefit in understanding circumstances that create a need to “de-implement” or reduce the use of strategies and procedures that are not evidence-based, have been prematurely widely adopted, or are harmful or wasteful. The goals of this FOA are to encourage trans-disciplinary teams of scientists and practice stakeholders to work together to develop and/or test conceptual models of dissemination and implementation that may be applicable across diverse community and practice settings and patient populations, and design studies that will accurately and transparently assess the outcomes of dissemination and implementation efforts. The maximum project period is five years. This FOA runs in parallel with FOAs of identical scientific scope, R-13-056, which utilizes the R03 Small Grant Program mechanism, and PAR-13-054, which utilizes the R21 Exploratory/Developmental Grant mechanism.

Substance Use and Abuse, Risky Decision Making and HIV AIDS (R01)

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


Contact: Varies with research interest

Solicitation number: PA-11-006

This FOA is intended to stimulate model-driven research to understand the ways that people make decisions about engaging in behaviors that impact the risk of acquiring or transmitting HIV, or to adhere to treatments for HIV. Applications are encouraged to study cognitive, motivational, or emotional mechanisms and/or brain neuroendocrine and reinforcement systems that are related to HIV-risk behaviors or treatment non-compliance. This FOA runs in parallel with FOAs of identical scientific scope, PA-11-007, that encourages applications under the R21 mechanism and PA-11-008 that encourages applications under the R03 mechanism.

HIV Infection of the Central Nervous System (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-11-014

This FOA invites research grant applications focused on defining the pathogenic mechanisms involved in Human Immunodeficiency Virus (HIV)-1 Associated Neurocognitive Disorders (HAND) and identifying therapeutic strategies to treat and prevent the neurobehavioral and neurological effects of HIV-1 on the central nervous system (CNS). Applications ranging from basic research to clinical diagnosis and treatment in domestic and international settings are of interest. Multidisciplinary research teams and collaborative alliances are encouraged but not required. The maximum project period is five years.
**HIV & AIDS, Drug Use, and Vulnerable Populations in the US (R01)**

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


Contact: Varies with research interest

Solicitation number: PA-12-281

Despite progress in HIV/AIDS treatment and prevention and reductions in HIV/morbidity and mortality, HIV/AIDS health disparities remain a challenge that must be addressed. This FOA encourages research to identify the role(s) that drug abuse plays in fueling the epidemic in vulnerable groups (racial/ethnic minorities, men who have sex with men (MSM), youth) in the United States and to develop effective interventions to prevent new infections and to improve the health and well-being of those living with HIV/AIDS. This FOA will support studies in vulnerable populations to: 1) understand the contribution of drug abuse (both injection and non-injection) to the acquisition and/or transmission of HIV; 2) study disease progression and disease outcomes; 3) develop and/or improve prevention and treatment interventions, particularly comprehensive, integrated interventions; 4) improve the availability, delivery and quality of evidence-based prevention and treatment services across a variety of settings; and 5) address organizational, structural, and/or community level factors including social, drug-using, and sexual networks associated with health disparities. Application budgets are not limited, but need to reflect actual needs of the proposed project. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-12-280, which utilizes the R21 Exploratory/Developmental Grant mechanism.

**Drug Abuse Aspects of HIV & AIDS (R01)**

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

http://grants.nih.gov/grants/guide/pa-files/PA-12-293.html

Contact: Varies with research interest

Solicitation number: PA-12-293

This FOA encourages R01 applications to examine the drug abuse aspects of HIV/AIDS, including research on drug-related risk behaviors, addiction and HIV disease, and drug use/HIV-related co-morbidities and consequences. Applications are needed to identify and predict changes in the epidemiology of HIV/AIDS among injection and non-injection drug users and among their sexual partners; to develop and test interventions for primary and secondary HIV prevention, including drug treatment interventions; to improve HIV testing, counseling, and treatment services for those living with HIV/AIDS; and to address basic mechanisms involved in HIV infection and AIDS pathogenesis in the context of drug abuse and addiction. This FOA envisions a range of national and international research projects within and across the priority areas for NIDA research including but not limited to: 1) Drug Abuse and HIV Prevention; 2) Drug Abuse and HIV/AIDS Treatment; 3) Epidemiology and Natural History of HIV/AIDS Among Drug-Using Populations; 4) Drug Abuse Related HIV/AIDS and Its Consequences; and 5) Basic Neuroscience, Clinical, and Behavioral Research. Application budgets are not limited, but need to reflect actual needs of the proposed project. The maximum project period is five years. This FOA runs in parallel with FOAs of identical scientific scope: 1) PA-12-295, which utilizes the R21 Exploratory/Developmental Grant mechanism; and 2) PA-12-294, which utilizes the R03 Small Grant Program mechanism.

**Establish Sharing of Human Brain Image Data Relevant to Drug Addiction (Admin Supp)**

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

http://grants.nih.gov/grants/guide/pa-files/PAR-12-204.html

Contact: Steven Grant, 301/443-8869, sgrant@mail.nih.gov

Solicitation number: PAR-12-204

This program is intended to supplement NIDA funded projects to enable investigators to standardize and disseminate brain image data from patient (current or former drug abusers or subjects with risk factors) and/or healthy comparison subjects. These supplements would cover the additional costs required to either: 1) form multi-site consortia that would enable cross-site federation and standardization of brain imaging data, or 2) share extant or accumulating data using either a new open-access platform or an existing repository platform. Applications may also request funds for a combination of consortia formation and subsequent sharing/dissemination of consortium image data. The administrative supplement (budget limited to $100K direct costs per year per application) is for up to 3 years.
Advancing Eating Disorders Research through Dimensional Studies of Biology and Behavior (R01)
National Institutes of Health, National Institute of Mental Health (NIMH)
Contact: Julia Zehr, 301/443-1617, zehrj@mail.nih.gov
Solicitation number: RFA-MH-14-030
This FOA seeks research studies that use dimensional constructs to integrate biology and behavior in the service of advancing the understanding of biological mechanisms and developmental trajectories of eating disorders. The primary goals of this FOA are to: 1) support integrative, hypothesis-driven studies of neural circuits and/or other biological mechanisms underlying eating disorders; 2) support the use of dimensional constructs (defined for the purposes of this FOA below) as a primary means to investigate these mechanisms; 3) support the delineation of trajectories over time (e.g., across developmental stages or across illness course); 4) encourage integration across different levels of analysis (e.g., behavior, cells, circuits, genes, molecules, physiology, self-report, symptoms); 5) encourage neurodevelopmental research in eating disorders; and 6) encourage application of systems neuroscience methods to the study of eating disorders. This FOA focuses on translational research with humans; it does not support studies of novel treatments or studies of model animals. Application budgets are limited to $400K annual direct costs for up to five years.

Small Grants for New Investigators to Promote Diversity in Health-Related Research (R03)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-13-074
The purpose of this FOA is to provide support for New Investigators from backgrounds nationally underrepresented in biomedical research to conduct small research projects in the scientific mission areas of the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), the National Institute of Mental Health (NIMH) and the Office of Dietary Supplements (ODS). The scientific mission areas of the Institutes and Office are: NIDDK - diabetes, endocrinology, metabolism, digestive diseases, hepatology, obesity, nutrition, kidney, urology, or hematology; NIMH – factors contributing to mental disorders, the trajectories of mental disorders, pre-emption and treatment of mental disorders, identify and improve interventions for mental illness; and ODS – all types of research in which the primary emphasis is the investigation of dietary supplements and/or their ingredients. The total direct costs for this FOA are limited to $125K per year for up to three years.

Differentiation and Integration of Stem Cells (Embryonic and Induced-Pluripotent) Into Developing or Damaged Tis
National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)
Contact: Mahua Mukhopadhyay, 301/435-6886, mukhopam@mail.nih.gov
Solicitation number: PAR-13-095
This FOA promotes in vivo studies of stem cells in animal models and in humans (if applicable) to better understand how stem cells function within developing or damaged tissues. The areas of emphasis would include systematically profiling and cataloging changes at genetic and epigenetic levels that take place in stem cells and their microenvironment. The purpose is to gain in-depth knowledge of the mechanisms involved in: progressive differentiation of Embryonic Stem Cells (ESCs) into embryonic lineages, progenitor cells and specialized cell types; adult stem cells/progenitor cells during tissue regeneration and wound healing; and Induced Pluripotent Stem Cells (iPSCs) at the site of injury during stem cell therapy. The research proposed under this announcement can explore approaches and concepts new to this area, development of new technologies, or initial research and development of data upon which significant future research may be built. Direct costs are limited to $275K over a two-year period, with no more than $200K in direct costs allowed in any single year. This FOA runs in parallel with another FOA of identical scientific scope, PAR-13-094, which utilizes the R01 Research Project Grant mechanism.
Technologies for Healthy Independent Living (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-11-020
This FOA encourages applications for research and development of technologies that monitor health or deliver care in a real-
time, accessible, effective, and minimally obtrusive way. These systems are expected to integrate, process, analyze,
communicate, and present data so that the individuals are engaged and empowered in their own healthcare with reduced
burden to care providers. This FOA runs in parallel with PAR-11-020, which solicits applications under the R21
Exploratory/Developmental Grant.

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

Revisions for Early-Stage Development of Informatics Technology (R01)
The purpose of this FOA is to encourage revision applications (formerly called "competing revisions") from currently funded NCI
R01 and R37 (MERIT) research projects for early-stage development of enabling informatics technologies to improve the
acquisition, management, analysis, and dissemination of data and knowledge. As a component of the NCI's Informatics
Technology for Cancer Research (ITCR) Initiative, this FOA aims to promote interdisciplinary collaboration in the development of
innovative computational methods and informatics approaches that are essential for cancer research on all fronts to accelerate
scientific discovery and ultimately translate data into knowledge and clinical practice. Applications that focus on data processing
and analysis or mathematical/statistical modeling alone without new technology development are not appropriate for this FOA.
This FOA encourages applications that involve the development of innovative and user-friendly informatics technologies of
significant value to the whole spectrum of cancer research from bench to bedside. The emphasis will be on novelty, uniqueness,
and potential impact to the parent project and the broader cancer research field. The amount of requested budget may not
exceed $150K Direct Costs per year for up to two years. This FOA runs in parallel with FOAs of identical scientific scope: 1)PAR-
12-289, which utilizes the U01 Research Project – Cooperative Agreements mechanism; 2) PAR-12-290, which utilizes the P01
Program Project Grant mechanism; 3) PAR-12-288, which utilizes the U01 Research Project - Cooperative Agreements
mechanism; and 4) PAR-12-287, which utilizes the U24 Resource-Related Research Projects - Cooperative Agreements
mechanism.
5/13/2013  Letter of Intent (optional)
6/18/2013  Application

**Advanced Development of Informatics Technology (U24)**

National Institutes of Health, National Cancer Institute (NCI)


Contact: Varies with research interest

Solicitation number: PAR-12-287

The purpose of this FOA is to invite Cooperative Agreement (U24) applications for advanced development and enhancement of emerging informatics technologies to improve the acquisition, management, analysis, and dissemination of data and knowledge in cancer research. An emerging informatics technology is defined as one that has passed the initial prototyping and pilot development stage, has demonstrated potential to have a significant and broader impact, has compelling reasons for further improvement and enhancement, and has not been widely adopted in the cancer research field. If successful, these technologies would accelerate research in cancer biology, cancer treatment and diagnosis, cancer prevention, cancer control and epidemiology, and/or cancer health disparities. This FOA is one component of the NCI’s Informatics Technology for Cancer Research (ITCR) Initiative whose central mission is to promote research-driven informatics technology development. Potential applicants who are interested in early-stage development should consult companion FOAs listed on the previous page. Applications that focus on informatics data processing and analysis or mathematical/statistical modeling alone without informatics technology development are not appropriate for this FOA. The amount of requested budget may not exceed $500K Direct Costs (excluding consortium F&A costs) per year for up to five years. This FOA runs in parallel with FOAs of identical scientific scope: 1) PAR-12-286, which utilizes the R01 Research Project Grant mechanism; 2) PAR-12-289, which utilizes the U01 Research Project - Cooperative Agreements mechanism; 3) PAR-12-290, which utilizes the P01 Program Project Grant mechanism; and 4) PAR-12-288, which utilizes the U01 Research Projects - Cooperative Agreements mechanism.

5/13/2013  Letter of Intent (optional)
6/18/2013  Application

**Early-Stage Development of Informatics Technology (U01)**

National Institutes of Health, National Cancer Institute (NCI)


Contact: Varies with research interest

Solicitation number: PAR-12-288

The purpose of this FOA is to invite Cooperative Agreement (U01) applications for the development of enabling informatics technologies to improve the acquisition, management, analysis, and dissemination of data and knowledge in cancer research. As a component of the NCI’s Informatics Technology for Cancer Research (ITCR) Initiative, this FOA focuses on early-stage development from prototyping to hardening and adaptation. The central mission of the ITCR is to promote research-driven informatics technology development. In order to be successful, proposed development plans must have a clear rationale on why the proposed technology is needed and how it will benefit the cancer research community. In addition, mechanisms to solicit feedback from users and collaborators throughout the development process should be included. Applications that focus on data processing and analysis or mathematical/statistical modeling alone without new technology development are not appropriate for this FOA. The amount of requested budget may not exceed $250K Direct Costs (excluding consortium F&A costs) per year for up to three years. This FOA runs in parallel with FOAs of identical scientific scope: 1) PAR-12-286, which utilizes the R01 Research Project Grant mechanism; 2) PAR-12-289, which utilizes the U01 Research Project - Cooperative Agreements mechanism; 3) PAR-12-290, which utilizes the P01 Program Project Grant mechanism; and 4) PAR-12-287, which utilizes the U24 Resource-Related Research Projects - Cooperative Agreements mechanism.
Indo-US Collaborative Program on Low-Cost Medical Devices (R03)

National Institutes of Health, Cross-Institute, Eunice Kennedy Shriver National Institute of Child Health and Human Development


Contact: Varies with research interest

Solicitation number: PAR-11-044

The purpose of this program is to encourage collaborative research and/or technology development between scientists and engineers in the United States and India. This FOA encourages Small Research Grant (R03) applications for its program on the collaborative development of low-cost medical devices; the Republic of India and the United States of America are inviting collaborative research projects involving U.S. and Indian investigators to develop new, low cost, appropriate diagnostic and therapeutic medical technologies for low-resource settings. The goal of this FOA is to: 1) Foster joint activities between US and Indian scientists on low-cost, diagnostic and therapeutic technologies; and 2) Address medical needs in low-resource settings, and take advantage of opportunities and technological advances, with the development of appropriate, low-cost medical devices. Budgets for direct costs of up to $75K per year and a project duration of up to two years may be requested for a maximum of $150K direct costs over a two-year project period.

NIDDK Program Project Applications (P01)

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


Contact: Varies with research interest

Solicitation number: PAR-11-043

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

NIA Program Project Applications (P01)

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


Contact: Robin Barr, 301/496-9322, BarrR@mail.nih.gov

Solicitation number: PAR-11-066

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

Science Education Drug Abuse Partnership Award (R25)

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


Contact: Cathrine Sasek, 301/443-6071, csasek@nih.gov

Solicitation number: PAR-10-227

This FOA encourages Science Education (R25) grant applications to fund the development and evaluation of innovative model programs and materials for enhancing knowledge and understanding of neuroscience and the neurobiological mechanisms of drug abuse and addiction among K-12 students, the general public, health care practitioners, museums, media experts, and other educational groups. The award provides support for the formation of partnerships between scientists and educators, media experts, community leaders, and other interested organizations. The intended focus is on topics not well addressed in existing efforts by educational, community, or media activities. Direct costs are limited to $250K per year for a maximum project period of four years.
NIDA Program Project Grant Applications (P01)
National Institutes of Health, National Institute on Drug Abuse (NIDA)
http://grants.nih.gov/grants/guide/pa-files/PAR-10-244.html
Contact: Varies with research interest
Solicitation number: PAR-10-244
This FOA is to provide support for applications that propose broadly based investigative efforts with a well defined central focus or object to address critical issues in drug abuse and addiction involving neuroscience, behavior, prevention, treatment, epidemiology, etiology, health services, HIV/AIDS or other drug abuse-related research areas. There should be evidence that a program project grant is essential for the accomplishment of the research activities. Applicants may request support for up to five years.

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

Support of NIGMS Program Project Grants (P01)
National Institutes of Health, National Institute of General Medical Sciences (NIGMS)
Contact: Ann Hagan, 301/451-6446, hagana@nigms.nih.gov
Solicitation number: PAR-11-220
This FOA encourages program project grant applications that propose to conduct research which aims to solve a significant biological problem, important for the mission of NIGMS, through a collaborative approach involving outstanding scientists who might not otherwise collaborate. The program project grant mechanism is designed to support research in which the funding of several interdependent projects as a group offers significant scientific advantages over support of these same projects as individual regular research grants. An upper limit of $6.5M direct costs for the entire five-year project period may be requested.

NHLBI Program Project Applications (P01)
National Institutes of Health, National Heart, Lung, and Blood Institute (NHLBI)
Contact: Varies with research interest
Solicitation number: PAR-10-285
This FOA invites submission of investigator-initiated Program Project (P01) applications. The proposed programs may address scientific areas relevant to the NHLBI mission including the biology and diseases of the heart, blood vessels, lung, and blood; blood resources; and sleep disorders. Each P01 application submitted in response to this FOA must include at least three related research projects that share a common central theme, focus, and/or overall objective. Applicants may request support for up to five years. Direct costs for new awards may be requested for up to $1.515M.

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


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

Solicitation number: PAR-10-289

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

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

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-11-184

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

Ruth L. Kirschstein National Research Service Award Short-Term Institutional Research Training Grants (Parent T35)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-11-185

The NIH will award Ruth L. Kirschstein National Research Service Award (NRSA) Short-Term Institutional Research Training Grants (T35) to eligible institutions to develop or enhance research training opportunities for predoctoral and postdoctoral level individuals interested in careers in biomedical, behavioral and clinical research. Many of the NIH Institutes and Centers (ICs) use this grant mechanism exclusively to support intensive, short-term research training experiences for students in health professional schools during the summer. In addition, the Short-Term Institutional Research Training Grant may be used to support other types of predoctoral and postdoctoral training in focused, often emerging scientific areas relevant to the mission of the funding IC. The proposed training must be in basic, behavioral or clinical research aspects of the health-related sciences. Because of the differences in IC program requirements for this FOA, prospective applicants MUST consult the Table of IC-Specific Information, Requirements and Staff Contacts (http://grants.nih.gov/grants/guide/contacts/parent_T35.html), to make sure that their application is appropriate for one of the participating NIH ICs. Prior consultation with NIH staff is strongly encouraged.
NINDS Program Project Grant (P01)
National Institutes of Health, National Institute of Neurological Disorders and Stroke (NINDS)
Contact: Alan Willard, 301/496-9248, aw135y@nih.gov
Solicitation number: PAR-11-172
This FOA enables submission of program project grant applications that propose to conduct innovative, interactive research to answer significant scientific questions that are important for the mission of NINDS, via a synergistic collaboration between outstanding scientists who might not otherwise collaborate. The program project grant mechanism is designed to support research in which the funding of several interdependent highly meritorious projects as a group offers significant scientific advantages over support of these same projects as individual research grants. The maximum project period for these awards is five years.

Alcohol Education Project Grants (R25)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Peggy Murray, 301/443-2594, pmurray@mail.nih.gov
Solicitation number: PAR-11-205
NIAAA supports research programs to advance understanding of the biological and behavioral processes involved in the development, expression, and consequences of alcoholism and other alcohol-related problems. The Institute also supports prevention, treatment, and health services research on alcohol abuse and alcoholism. A part of the NIAAA mission is the dissemination of new knowledge acquired from alcohol research to diverse audiences. Direct costs are limited to $250K per year for two years.

National Cancer Institute Program Project (P01) Applications
National Institutes of Health, National Cancer Institute (NCI)
http://grants.nih.gov/grants/guide/pa-files/PAR-12-005.html
Contact: 301/496-3428, ncirefof@dea.nci.nih.gov
Solicitation number: PAR-12-005
This FOA invites applications for investigator-initiated program project (P01) grants. Proposed program projects may address any of the broad areas of cancer research, including (but not limited to) cancer biology, cancer treatment, cancer diagnosis, cancer prevention, and cancer control. Basic, translational, clinical, and/or population-based studies in all of these research areas are appropriate. Each Program Project application must consist of at least three component projects. The component projects must share a common central theme, focus, and/or overall objective. The maximum project period is five years.

NIA MSTEM - Advancing Diversity in Aging Research (ADAR) through Undergraduate Research (R25)
National Institutes of Health, National Institute on Aging (NIA)
Contact: J. Taylor Harden, 301/496-0765, Hardent@mail.nih.gov
Solicitation number: PAR-12-016
This FOA encourages institutional Research Education Grant (R25) applications from institutions that propose creative and innovative research education programs to diversify the workforce in aging by (1) supporting undergraduate competency and completion in medicine, science, technology, engineering and mathematics (MSTEM), as they relate to aging and, also, by (2) application and transition to graduate study that advances a cadre of students from diverse backgrounds into NIA MSTEM fields. The interests of the NIA span biological, biomedical, behavioral, clinical and social sciences research across the lifespan with a focus on processes of aging through midlife and into old age. Direct costs of up to $350K per year over a maximum of five years may be requested. Three to four awards will be made.
**Cancer Education Grants Program (R25)**

National Institutes of Health, National Cancer Institute (NCI)


Contact: Erica Rosemond, 301/496-8580, rosemonde@mail.nih.gov

Solicitation number: PAR-12-049

The purpose of this FOA is to support innovative educational efforts that would help to reduce cancer incidence, morbidity, and mortality, and that would improve the quality of life of cancer patients. The maximum project period is five years.

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**Network and Infrastructure Support for Development of Interdisciplinary Aging Research (R24)**

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


Contact: Winifred Rossi, 301/496-3836, rossiw@mail.nih.gov

Solicitation number: PA-12-064

The purpose of this FOA is to provide network and infrastructure support to foster development of novel interdisciplinary research approaches on important topics in aging research. This FOA will use the NIH Resource-Related Research Project (R24) mechanism to facilitate research networks that will advance specific scientific goals through activities such as meetings, conferences, small scale pilots, short term training opportunities, visiting scholar programs, and dissemination activities to encourage growth and development in these interdisciplinary areas. A project period of five years may be requested.

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**NIAID Science Education Awards (R25)**

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


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

Solicitation number: PAR-11-086

This FOA encourages applications from organizations that focus on the development of science education for K-12 students. It is expected that these education programs will provide outreach to a large audience of students at a national level, directly or through their teachers, using approaches where successes can be measured. The overall goals of the NIAID in developing science literacy enhancing education programs are: 1) to provide and increase public education and outreach on NIAID-funded research to diverse audiences; 2) to raise awareness of scientific method and the availability of careers in the biomedical sciences among K-12; and 3) to encourage the integration of the NIAID scientific mission areas as stated in our strategic plan http://www.niaid.nih.gov/about/whoweare/planningpriorities/Pages/default.aspx in the day-to-day teaching of science at the K-12 level in the hope that the public at large will understand and appreciate the work of NIAID more fully. NIAID accepts R25 applications that propose new methods of training and curriculum development for K-12 teachers and/or students using innovative approaches with an outreach at a national level. The applicant organization should determine the nature of the program, state the specific goals for the program, and define specific measurable objectives. NIAID will seek applications that can provide evaluation of measureable outcomes for K-12 student education programs and teacher professional development. The NIH encourages all proposed programs to foster the participation of individuals from a diverse population base that include the participation of individuals currently underrepresented in the biomedical, clinical, behavioral, and social sciences such as persons from underrepresented racial and ethnic groups individuals from disadvantaged backgrounds (socially, culturally, and economically), individuals with disabilities, and persons from underserved communities. Total direct costs are limited to $175K annually for up to five years.
**NIHDC Education Program Grants (R25)**

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


Contact: Varies with research interest

Solicitation number: PAR-12-047

This FOA encourages Research Education (R25) grant applications from applicant organizations that propose to create educational opportunities for undergraduate students, graduate students, and postdoctoral fellows in areas of biomedical or behavioral research of particular interest to the NIDDK, while fostering the career development of these students and fellows. The structure of the educational opportunity can include an intensive summer research program, a curriculum-based program or a combination of both experiences. The NIDDK is especially interested in attracting students and postdoctoral fellows from scientific disciplines underrepresented in disease-oriented biomedical research, such as engineering, informatics, computer science, and computational sciences, to encourage them to apply their expertise to research relevant to diabetes and other endocrine and metabolic diseases; digestive and liver diseases; nutrition; obesity research and prevention; and kidney, urologic and hematologic diseases. Budgets for direct costs of up to $100K per year and a project duration of up to five years may be requested for a maximum of $500K direct costs over a five-year project period.

**Initiative to Maximize Research Education in Genomics - Courses (R25)**

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


Contact: Bettie Graham, 301/496-7531, bettie_graham@nih.gov

Solicitation number: PAR-13-012

NHGRI invites R25 applications to support short-term, advanced courses that are intended to disseminate, to a larger scientific audience, new techniques, methods, or analyses related to the mission of the NHGRI. Genomics has stimulated and continues to stimulate the development of powerful new techniques, methods and analyses, and biomedical research would benefit from the rapid, widespread dissemination of these methods to the larger biomedical research community. Applications are encouraged for courses designed to address either of these needs. Courses designed to cross-train genomic researchers and ELSI scholars are particularly encouraged. Course offerings should be targeted to individuals in careers at the doctoral level and beyond; are expected to be hosted by academic or research institutions where the staff and faculty are experienced in training; should include as faculty established investigators or scholars actively working in the area of instruction; and should typically be two weeks or less in length and offered annually, although other terms may be acceptable. For Short-Term Advanced Courses, it is expected that applications will not exceed $50K in direct costs for a period of up to three years.

**Core Centers for Musculoskeletal Biology and Medicine (P30) - Limited Submission**

National Institutes of Health, National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)


Contact: Faye Chen, 301/594-5055, chenf1@mail.nih.gov

Solicitation number: RFA-AR-14-002

The Core Centers for Musculoskeletal Biology and Medicine (CCMBM) will provide shared facilities and services to groups of established, currently funded investigators addressing scientific problems in musculoskeletal biology and medicine, in order to improve efficiency, accelerate the pace of research, and ensure greater productivity. Key public health problems addressed by this research include, but are not limited to, osteoporosis, osteoarthritis, and muscular dystrophies. In addition to providing services and resources to facilitate independently funded research projects, the Core Centers are encouraged to enhance the research environment and promote synergistic collaborations among the Center Investigators (the investigators of the research base). Support is provided for an administrative core that includes a Center Enrichment Program, and two or more Research Cores. The maximum award is $400K per year for up to five years.
Catalyzing New International Collaborations

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 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.

Earth Sciences Instrumentation and Facilities (EAR IF)

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)

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 academia; 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

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.
EPA/NSF Networks for Sustainable Molecular Design and Synthesis (NSMDS) - Limited Submission

National Science Foundation


Contact: Varies by research area

Solicitation number: NSF 13-523

This joint EPA/NSF solicitation will create Networks for Sustainable Molecular Design and Synthesis (NSMDS) that addresses major research challenges related to the sustainable molecular design of chemicals (i.e., molecules, macromolecules, and nanomaterials). These Networks will design safer pathways and processes that minimize hazards that arise not only from a chemical's structure and intended use, but also from its synthesis, production, consumption, reuse, and disposal. Education, workforce development, and the translation or transfer of basic research results into social or economic benefits are critical aspects of NSMDS projects. Networks will develop strong mentoring and training activities (which include broadening participation elements) for undergraduate and graduate students as well as postdoctoral associates. Other educational activities, such as informal science communication and the education of K-12 students or the public, are encouraged. The maximum award is $1.25M per year for four years.

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

National Science Foundation, Cross-Directorate


Contact: Varies with research interest

Solicitation number: NSF 13-525

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.
Robert Noyce Teacher Scholarship Program
National Science Foundation, Education and Human Resources (EHR)
Contact: Joan Prival, 703/292-4635, jprival@nsf.gov
Solicitation number: NSF 13-526
This program seeks to encourage talented science, technology, engineering, and mathematics majors and professionals to become K-12 mathematics and science teachers. The Noyce Scholarship Track provides funds to institutions of higher education to support scholarships, stipends, and academic programs for undergraduate STEM majors and post-baccalaureate students holding STEM degrees who earn a teaching credential and commit to teaching in high-need K-12 school districts. The NSF Teaching Fellowship/Master Teaching Fellowship Track supports STEM professionals who enroll as NSF Teaching Fellows in master's degree programs leading to teacher certification by providing academic courses, professional development, and salary supplements while they are fulfilling a four-year teaching commitment in a high need school district. This track also supports the development of NSF Master Teaching Fellows by providing professional development and salary supplements for exemplary mathematics and science teachers to become Master Teachers in high-need school districts. Capacity Building Projects support the development of new programs and activities to increase the capacity for institutions to provide innovative teacher preparation programs that enable increasing numbers of STEM majors and STEM professionals to become effective K-12 mathematics and science teachers and to develop the capacity to prepare Master science and mathematics teachers. Cost sharing is required.

George E. Brown, Jr. Network for Earthquake Engineering Simulation Operations FY 2015-FY 2019 (NEES2 Ops) - Li
National Science Foundation
Contact: Joy Pauschke, 703/292-7024, jpauschke@nsf.gov
Solicitation number: NSF 13-537
Proposals are solicited by NSF's Division of Civil, Mechanical and Manufacturing Innovation to provide, manage, operate, and maintain NEES2 to support frontier earthquake engineering research, innovation, education, and workforce development for the five-year period from October 1, 2014 to September 30, 2019. Recompeted through this solicitation for NEES2 are the following components: (a) a network-wide NEES2 management office (NMO) with the Principal Investigator (PI)/Network Director located at the lead institution, (b) four to six experimental facilities that provide the most critical and technically advanced capabilities and data needed by the earthquake engineering research community for transformative research, plus a post-earthquake, rapid response research (PERRR) facility, (c) community-driven, production-quality cyberinfrastructure, and (d) education and community outreach activities. This solicitation does not separately compete with the components. Instead, it requests proposals to integrate all these components into a cohesive earthquake engineering research infrastructure for FY 2015-FY 2019. The award is estimated to be $62M over five years.
Research on Gender in Science and Engineering (GSE)

National Science Foundation, Education and Human Resources (EHR)


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

Solicitation number: NSF 10-516

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

Research Initiation Grants in Engineering Education (RIGEE)

National Science Foundation, Engineering (ENG)


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

Solicitation number: NSF 11-507

The emphasis of RIGEE is on initiating research projects in engineering education rather than supporting research on any specific topic. Proposals are encouraged on any topic which explores engineering education from an inter-disciplinary perspective. RIGEE projects should combine engineering approaches with those from learning and cognitive sciences, engineering education, social sciences, and related fields in synergistic ways and enable engineering faculty to develop expertise in engineering education research. RIGEE awards are intended to broaden participation of engineering faculty in engineering education research. Possible outcomes commensurate with the goals of this program are: 1) Enabling engineering faculty to develop collaborative, first-stage, inter-disciplinary efforts to address boundary-spanning challenges in engineering education; 2) Support engineering faculty in developing expertise in engineering education; and 3) To increase the number of faculty and universities who apply for and receive EEC funding to initiate projects and programs in engineering education research. Anticipated funding is $150K per award for a two year period.

Integrated NSF Support Promoting Interdisciplinary Research and Education (INSPIRE)

National Science Foundation, Cross-Directorate


Contact: Thomas Russell, 703/292-4863, trussell@nsf.gov

Solicitation number: NSF 13-518

The INSPIRE program encourages investigators to submit bold, exceptional proposals that some may consider to be at a disadvantage in a standard NSF review process; it is not intended for proposals that are more appropriate for existing award mechanisms. INSPIRE is open to interdisciplinary proposals on any NSF-supported topic, submitted by invitation only after a preliminary inquiry process initiated by submission of a required Letter of Intent. In fiscal year 2013, INSPIRE provides support through the following three pilot grant mechanisms: 1) INSPIRE Track 1: essentially a continuation of the pilot CREATIV mechanism from FY 2012, Track 1 has a maximum award of $1M up to 5 years; 2) INSPIRE Track 2: "mid-scale" research awards at a larger scale than Track 1, allowing for requests of up to $3M over a duration of up to five years. Expectations for cross-cutting advances and for broader impacts are greater than in Track 1, and the review process includes external review; and 3) Director’s INSPIRE Awards: prestigious individual awards to single-investigator proposals that present ideas for interdisciplinary advances with unusually strong, exciting transformative potential, and has a maximum budget of $1.5M.
Macrosystems Biology

National Science Foundation, Biological Sciences (BIO)

Contact: Varies with research interest

Solicitation number: NSF 12-532

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

Nanotechnology Undergraduate Education (NUE) in Engineering 2013 - Limited Submission

National Science Foundation, Cross-Directorate

Contact: Varies with research interest

Solicitation number: NSF 13-541

This solicitation aims at introducing nanoscale science, engineering, and technology through a variety of interdisciplinary approaches into undergraduate engineering education. The focus of the FY 2013 competition is on nanoscale engineering education with relevance to devices and systems and/or on the societal, ethical, economic and/or environmental issues relevant to nanotechnology. The lead PI must hold a faculty appointment within a College/Department of Engineering or College/Department of Engineering Technology within the submitting US academic institution. The maximum award is $200K over two years.
NSF announces a third year of a program on collaborative research and education in the area of scalable nanomanufacturing, including the long-term societal implications of the large-scale implementation of nanomanufacturing innovations. Although many nanofabrication techniques have demonstrated the ability to fabricate small quantities of nanomaterials and devices for characterization and evaluation purposes, the emphasis of this program is on research to overcome the key impediments that prevent the low cost production of useful nanomaterials, devices and systems at industrially relevant scale. Therefore, competitive proposals will incorporate three elements in their research plans:

• A persuasive argument that the nanomaterials, devices or systems to be produced have or are likely to have sufficient demand to justify eventual scale-up;
• A clearly identified and arguably complete set of research issues that must be addressed to enable the low cost production of high quality products; and
• A compelling research plan with clear objectives to overcome the identified research issues that is supported by preliminary results relevant to scale-up.

The mode of support is Nanoscale Interdisciplinary Research Teams (NIRT). Proposals submitted to this program must address at least one, and preferably more than one, of the following interconnected themes: a) Novel processes and techniques for continuous and scalable nanomanufacturing; b) Directed (e.g. physical/chemical/biological) self-assembly processes leading to heterogeneous nanostructures with the potential for high-rate production; c) Fundamental scientific research in well-defined areas that are compellingly justified as critical impediments to scale-up; d) Principles and design methods to produce machines and processes to manufacture nanoscale structures, devices and systems; and/or e) Societal, environmental and educational implications of the large-scale production and use of nanomaterials, devices and systems, including the life-cycle analysis of such nanomaterials, devices and systems. Awards will be in the range of $250,000- $375,000 per year for four years, depending on the scope of the work proposed. Grants may be awarded in a variety of sizes and durations. The total request for NSF funding for each project, for all investigators and all organizations, may not exceed $1,500,000. NSF expects to fund approximately 4-6 awards in FY 2012, depending on the quality of submissions.

This program invests in improvements and re-engineering at the campus level to leverage dynamic network services to support a range of scientific data transfers and movement. The program also supports Network Integration activities tied to achieving higher levels of performance, reliability and predictability for science applications and distributed research projects. Two types of CC-NIE awards will be made. Data Driven Networking and Infrastructure for the Campus and Researcher awards will be supported at up to $500K total for up to two years. Network Integration and Applied Innovation awards will be supported at up to $1M total for up to two years.
Antarctic Research

National Science Foundation


Contact: Varies with research interest

Solicitation number: NSF 13-527

Scientific research, along with operational support of that research, is the principal activity of the U.S. Antarctic Program in Antarctica. The National Science Foundation’s Antarctic Sciences Section fosters research on globally and regionally important scientific problems. In particular, the Antarctic Sciences Section supports research that expands fundamental knowledge of the region as well as research that relies on the unique characteristics of the Antarctic continent as a platform from which to support research. Antarctic fieldwork will only be supported for research that can only be performed or is best performed in Antarctica. The Antarctic Sciences Section strongly encourages research using existing samples, models, and data as well as research at the intersection between disciplines. The research areas are: Astrophysics and Geospace Science; Organisms and Ecosystems; Earth Sciences; Ocean and Atmospheric Sciences; Glaciology; and Integrated System Science. It is expected that 50 grants will be awarded.

High Performance System Acquisition: Building a More Inclusive Computing Environment for Science and Engineer

National Science Foundation, Office of Cyberinfrastructure


Contact: Barry Schneider, 703/292-7383, bschneid@nsf.gov

Solicitation number: NSF 13-528

This competition emphasizes the provision of system and services that deliver significant levels of performance for many different types of science and engineering applications while also introducing new capabilities and significant innovation which will expand the value of HPC&D to the science and engineering community. Competitive HPC&D proposals will: Provide capabilities that are either absent or difficult to use with the current portfolio of resources such as real-time workflows, virtualization, cloud service; Expand the range of data intensive computationally-challenging science and engineering research that can be tackled with XD and Blue Waters services by broadening the portfolio of capabilities beyond what is currently available; Facilitate the movement/staging of large amounts of data from instruments or computational resources to the campus, national shared, and/or leadership level resources; Provide an effective migration path to researchers scaling data and code beyond the campus level; Incorporate reliable, robust system software and services essential to optimal sustained performance; and complement and leverage existing XD capabilities and services while providing a high degree of stability and usability by January, 2015. Submissions must introduce one or more major new capabilities, such as: A novel data-intensive, high-performance computing capability suitable for new science and engineering communities as well as existing applications; An innovative, power efficient, highly usable, high-performance computing capability with sustained, high throughput performance for a broader range of science and engineering applications and application frameworks; An innovative high performance computing capability that expands the boundaries of the current XD research community, for example, by the introduction of domain specific capabilities, high throughput capabilities, time-sharing, efficient use of virtualization and/or clouds; An innovative high performance computational and/or data resource supporting dynamic interactive research workflows across XD resources or between other cyberinfrastructure resources (e.g. telescopes, sequencers) and XD resources; An innovative high performance data processing capability that significantly advances the current state of the art in computer system architectures, contributing system components, novel file systems, and/or information processing approaches contributing to optimize overall effective: "end to end" processing and sustainable throughout of ultra-large, heterogeneous data collections across the demonstrated full system processing data path; A storage resource designed to enable rapid access and movement of data across the NSF Service Providers. With this solicitation, the NSF encourages the community to think broadly and not simply rely on older concepts focused on delivering compute cycles.Computational resource awards will be capped at $12M each, and the data resource award will be capped at $6M. Project durations should be up to four years.
A National Repository for Geological Cores Collected in the Polar Regions - Limited Submission

National Science Foundation, Office of Polar Programs
Contact: Alexandra Isern, 703/292-7581, aisern@nsf.gov
Solicitation number: NSF 13-532

This program provides support for the curation and long-term storage of core material collected on the Antarctic continent and its margins. Currently it is housed in a single-story, 10,000 sq. ft. building on the Florida State University campus. The AMGRF houses approximately 21,000 meters of deep-sea sediment cores collected from over 90 United States Antarctic Program (USAP) research cruises. This solicitation seeks the services of a qualified organization to provide a core curation facility and services for geological cores collected in the polar regions. Anticipated funding is $275K - $350K per year for five years.

Broadening Participation Research Initiation Grants in Engineering 2013 (BRIGE)

National Science Foundation, Engineering (ENG)
Contact: Varies with research interest
Solicitation number: NSF 13-534

The BRIGE solicitation is designed to promote the development of early career faculty who will become champions for diversity and broadening participation of underrepresented groups in engineering throughout their careers. BRIGE awards will enable early career faculty to integrate effective diversity and broadening participation strategies in their engineering research, education, and innovation activities. Awards are limited to a maximum of $175K in total costs for a duration of 24 months.

Dimensions of Biodiversity FY2013

National Science Foundation, Biological Sciences (BIO), Geosciences (GEO)
Contact: Varies with research interest
Solicitation number: NSF 13-536

The goal of this campaign is to transform, by 2020, how we describe and understand the scope and role of life on Earth. The campaign promotes novel, integrated approaches to identify and understand the evolutionary and ecological significance of biodiversity amidst the changing environment of the present day and in the geologic past. This campaign seeks to characterize biodiversity on Earth by using integrative, innovative approaches to fill the most substantial gaps in our understanding of the diversity of life on Earth. It takes a broad view of biodiversity, and currently focuses on the integration of genetic, taxonomic/phylogenetic, and functional dimensions of biodiversity. Successful proposals should integrate these three dimensions to understand interactions and feedbacks among them. Research awards will be up to five years duration and up to a total of $2M for individual or collaborative projects.

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

National Science Foundation, Geosciences (GEO)
Contact: Robert Robinson, 703/292-8529, rmrobins@nsf.gov
Solicitation number: NSF 06-561

CEDAR is a broad-based, community-initiated, upper atmospheric research program. The goal is to understand the behavior of atmospheric regions from the middle atmosphere upward through the thermosphere and ionosphere into the exosphere in terms of coupling, energetics, chemistry, and dynamics on regional and global scales. Normally, CEDAR awards are made for a duration of three years, but proposers may request from one to five years of funding. The maximum award size will be about $150K per year.
Cyberlearning: Transforming Education

National Science Foundation, Cross-Directorate


Contact: Varies with research interest

Solicitation number: NSF 11-587

Research supported by the Cyberlearning program will explore opportunities for promoting and assessing learning made possible by new technologies, ways to help learners capitalize on those opportunities, new practices that are made possible by learning technologies, and ways of using technology to promote deep and lasting learning of content, practices, skills, attitudes, and/or dispositions needed for engaged and productive citizenship. Cyberlearning awards will be made in three categories: Exploration Projects (EXP projects) explore the proof-of-concept or feasibility of a novel or innovative technology or use of such technology to promote learning; Design and Implementation Projects (DIP projects) will conduct research in the everyday environments in which people spend their lives, e.g., schools, homes, museums, parks, and the workplace; and Integration and Deployment Projects (INDP) will build on research that has already shown promise for promoting learning. The respective maximum funding amounts are $550K total for two to three years; $1.35M for four to five years; and up to $2.5M for up to five years.


Contact:

Research Experiences for Undergraduates (REU)

National Science Foundation, Cross-Directorate


Contact: http://www.nsf.gov/crssprgm/reu/reu_contacts.jsp

Solicitation number: NSF 13-542

This program supports active research participation by undergraduate students in any of the areas of research funded by NSF. 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 on interdisciplinary or multi-department research opportunities with a coherent intellectual theme. Proposals with an international dimension are welcome. 2) REU Supplements may be requested for ongoing NSF-funded research projects or may be included as a component of proposals for new or renewal NSF grants or cooperative agreements. Students do not apply to NSF to participate in REU activities. Students apply directly to REU Sites or to NSF-funded investigators who receive REU Supplements. 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.


Contact:

Antarctic Artists and Writers Program

National Science Foundation, Office of Polar Programs


Contact: Peter West, 703/292-7530, pwest@nsf.gov

Solicitation number: NSF 11-549

This Program supports writing and artistic projects specifically designed to increase understanding and appreciation of the Antarctic and of human activities on the southernmost continent. Program furnishes U.S. Antarctic Program operational support, and round-trip economy air tickets between the United States and the Southern Hemisphere, to artists and writers whose work requires them to be in the Antarctic to complete their proposed project. The Program does not provide any funding to participants, including for such items as salaries, materials, completion of the envisioned works, or any other purpose.
6/3/2013 Full Proposal
12/5/2013 Full Proposal

**Hydrologic Sciences**

National Science Foundation, Geosciences (GEO)


Contact: Thomas Torgersen, 703/292-4738, ttorgers@nsf.gov

Solicitation number: NSF 13-531

This program focuses on the fluxes of water in the environment that constitute the water cycle as well as the mass and energy transport function of the water cycle in the environment. The Program supports studying processes from rainfall to runoff to infiltration and streamflow; evaporation and transpiration; as well as the flow of water in soils and aquifers and the transport of suspended, dissolved and colloidal components. This program retains a strong focus on linking the fluxes of water and the components carried by water across the boundaries between various interacting components of the terrestrial system and the mechanisms by which these fluxes co-organize over a variety of timescales and/or alter the fundamentals of the interacting components. The Program is also interested in how water interacts with the solid phase, the landscape and the ecosystem as well as how such interactions and couplings are altered by land use and climate change. Studies may address aqueous geochemistry and solid phase interactions as well as physical, chemical, and biological processes as coupled to water transport. Regular research awards supported by HS are generally but not exclusively in the range of $250K to $700K and of 2-4 years duration. Hydrologic process synthesis projects should be at a level appropriate to the scope of topic and are expected to be conducted at total levels of <$1M over 3-5 years with an emphasis on support of graduate students and postdocs.

10/4/2013 Institutional Transformation (IT) and Institutional Transformation Catalyst (IT-Catalyst) Letter of Intent (require
11/12/2013 Institutional Transformation (IT) and Institutional Transformation Catalyst (IT-Catalyst) Full Proposal

**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.

**Other Federal**

3/18/2013 Application

**Science, Technology, Research and Innovation for Development (STRIDE) Program**

United States Agency for International Development (USAID)

[http://www07.grants.gov/search/synopsis.do;jsessionid=9F9vRZST15v4S9QTnDwylfL4dsnFYTvqf7vQ0v5C1Bsn1nZv5vbXI17021](http://www07.grants.gov/search/synopsis.do;jsessionid=9F9vRZST15v4S9QTnDwylfL4dsnFYTvqf7vQ0v5C1Bsn1nZv5vbXI17021)

Contact: Franco Calixto, manilastride@usaid.gov

Solicitation number: RFA-492-13-000003

USAID in the Philippines soliciting applications from a university, a for-profit organization, a non-profit organization, or a consortium of such organizations to implement a higher education program in the Philippines called the Science, Technology, Research and Innovation for Development (STRIDE) Program. The overall objective of STRIDE is to strengthen the science, technology, research, and innovation capacity in Philippine higher education -- with a focus on disciplines that contribute to high-growth economic sectors as a means of stimulating and accelerating broad-based economic growth. STRIDE will improve the research capacity and output, as well as the qualification of faculty and staff in select programs and universities in the Philippines. It will also strengthen linkages between industry and academia in high-growth economic sectors such as manufacturing and information technology. USAID anticipates the award of a cooperative agreement with an estimated maximum grant of US $32M over a five-year period.

**Private/Nonprofit Agencies**
Ongoing

**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.

Ongoing

**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.

Ongoing

**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.

Ongoing

**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.

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**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.

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**Public Welfare Grants**

Public Welfare Foundation

http://www.publicwelfare.org/ApplyGrant/Guidelines.aspx

Contact: 202/965-1800, info@publicwelfare.org

Solicitation number:

The Foundation supports efforts to ensure fundamental rights and opportunities for people in need. The three program areas are: Criminal and Juvenile Justice, which seeks out grantees with strategies to lower rates of incarceration and decrease prison populations; Health Reform, which seeks to ensure that the voice of the consumer is heard on health reform; and Workers’ Rights, which supports organizations that are trying to improve the lives of working people. Though letters of inquiry may be submitted at any time, applicants should plan ahead. It takes up to one month after receiving a letter of inquiry to determine whether an invitation will be sent to submit a full proposal. Full proposals are reviewed in July, November, and March. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

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**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.
**Ongoing**

**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.

**Ongoing**

**Pardee Foundation Grants**
Elsa U. Pardee Foundation

http://www.pardeefoundation.org/grants.aspx

Contact: 989/832-3691, info@pardeefoundation.org

Solicitation number:

The Foundation funds research directed toward identifying new treatments or cures for cancer. The Foundation particularly encourages grant applications for a one-year period which will allow establishment of capabilities of new cancer researchers, or new cancer approaches by established cancer researchers. Project relevance to cancer detection, treatment, or cure should be clearly identified. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

**Ongoing**

**Waitt Foundation Grants**
Waiting Foundation

http://waittfoundation.org/grant-guidelines

Contact: 858/551-4400

Solicitation number:

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

**Ongoing**

**Michelson Grants in Reproductive Biology**
Found Animals Foundation

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.
Ongoing

**Energy Foundation Grants**

The Energy Foundation  
[http://www.ef.org/app_guidelines.cfm](http://www.ef.org/app_guidelines.cfm)  
Contact: 415/561-6700, energyfund@ef.org  
Solicitation number:

The Energy Foundation awards grants and takes direct initiatives in the electric power, buildings, transportation, and climate sectors in the United States. PIs are encouraged to write a brief letter of inquiry describing the proposed project, its purpose, and the amount requested. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

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Ongoing

**Arts & Culture Program**

The Nathan Cummings Foundation  
[http://www.nathancummings.net/grant-programs/arts-culture-program](http://www.nathancummings.net/grant-programs/arts-culture-program)  
Contact: arts@nathancummings.org  
Solicitation number:

The goal of this program is to create a stronger and more socially just society by building the field of Art and Social Justice and amplifying the voices of underrepresented communities. The four objectives are: art; practice; communication; and policy. Priority will be given to initiatives that: have national or regional impact; address issues that are timely and relevant; involve participating artists or cultural institutions that demonstrate effective practices; and have broad and innovative plans for the dissemination of the work. Letters of Inquiry are accepted at all times of the year, and the best applicants will be invited to send in an 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.

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Ongoing

**Lumina Grants**

Lumina Foundation  
[http://www.luminafoundation.org/grants.html](http://www.luminafoundation.org/grants.html)  
Contact: Candace Brandt, 317/951-5300  
Solicitation number:

Lumina’s overarching goal is to increase the higher education attainment rate of the United States to 60 percent by 2025. Lumina supports efforts to increase awareness of the benefits of higher education, improve student access to and preparedness for college, improve student success in college, and increase productivity across the higher education system. Grants vary in size by their scope. The median size of a grant is approximately $250K. The usual duration for a grant is one to three years. Unsolicited inquiries are reviewed until September, and selected applicants will be invited to send in 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.

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Ongoing

**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.

California Focus
LEF Foundation
Contact: 415/499-9591
Solicitation number:
LEF California funds projects which include an artistic and cultural overlay, with a primary focus on work taking place in three geographic areas: California, Hawaii, and New Mexico. One page letters of inquiry with no attachments are accepted year round. After review, full proposals may be requested. Grants average between $2K and $5K. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
Ongoing

**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.

Ongoing

**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.

Ongoing

**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.
European Commission supports a 7 billion euro research and development fund aimed at tackling the biggest societal challenges facing Europe and the world. Universities, research organizations, and industry will be among more than 16,000 funding recipients with special attention given to small and medium sized enterprises.

The Cooperation program supports all types of research and innovation activities carried out by different research bodies in transnational cooperation addressing the following themes: Health; Food, Agriculture and Fisheries, and Biotechnology; Information and Communication Technologies; Nanosciences, Nanotechnologies, Materials and new Production Technologies; Energy; Environment (including Climate Change); Transport (including Aeronautics); Socioeconomic Sciences and the Humanities; Space; and Security.

The Ideas program, implemented through the European Research Council (ERC), will boost Europe's competitiveness by helping to attract and retain the most talented scientists, supporting risk-taking and high-impact research, and promoting world-class scientific research in new, fast emerging fields. Researchers may be from any country but must conduct research in the EU.

The People program offers individuals the opportunity to follow a career in research by facilitating outgoing and incoming fellowships between the EU and other countries and other training opportunities.

The Capacities program aims to optimize the use and development of research infrastructures through seven areas of funding: Research infrastructures; Research for the benefit of SMEs; Regions of knowledge and support for regional research-driven clusters; Research potential of Convergence Regions; Science in society; Support to the coherent development of research policies; and International co-operation.

Deadlines vary according to the funding program, starting from October 2011 through March 2012. (Note: due to the complexities of the European Union’s grant terms and conditions, please contact your Sponsored Projects Officer well in advance of the deadline)

Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Ongoing

**Swiss International Short Visits**

Swiss National Science Foundation

[http://www.snf.ch/E/international/worldwide/international-short-visits/Pages/default.aspx](http://www.snf.ch/E/international/worldwide/international-short-visits/Pages/default.aspx)

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://www.delmas.org/programs/humanities_d.html
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.

Aetna Foundation Grants

Save the Redwoods League
http://www.aetna-foundation.org/foundation/apply-for-a-grant/index.html
Contact:

Solicitation number:

The Aetna Foundation is dedicated to promoting wellness, health, and access to high-quality health care for everyone by funding grants in obesity research, racial and ethnic health care equity, and integrated health care. The application process is to first submit a Letter of Inquiry. This includes all types of funding requests: research, project, and policy grants. Letters are accepted on a rolling basis. Following review, applicants will be contacted for additional information, declined or invited to submit a full proposal. Awards typically range from $50K to $250K, but may be smaller when appropriate. 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.
Ongoing

**Brain and Behavior Research Grants**

Brain & Behavior Research Foundation


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.

Ongoing

**National Wildlife Refuge Friends Grant Program**

National Fish and Wildlife Foundation


Contact: Teal Edelen, 202/857-0166, teal.edelen@nfwf.org

Solicitation number:

This solicitation requests proposals for projects that assist organizations to be effective co-stewards of the Nation's important natural resources within the National Wildlife Refuge System. This program provides competitive seed grants ($1.5K – $5K) to creative and innovative proposals that seek to increase the number and effectiveness of organizations interested in assisting the Refuge System nationwide and their work and projects to support the System. Friends organizations have powerful voices and do an additional 20 percent of all work on National Wildlife Refuges. Nuturing and supporting these organizations leads to a stronger National Wildlife Refuge System. Friends organizations are invited to submit proposals that focus on Start-Up and Capacity Building projects. Eligible applicants are official refuge Friends organizations. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Ongoing

**CASIS Unsolicited Proposals**

Center for the Advancement of Science in Space


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.

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.

Cataloging Hidden Special Collections and Archives Grant Program
Council on Library and Information Resources (CLIR)
http://www.clir.org/hiddencollections/applicants/applicantguidelines.html
Contact: Amy Lucko, hiddencollections@clir.org
Solicitation number:
The program is designed to overcome the pervasive lack of awareness of special collections and archives held by libraries, archives, museums, and other cultural institutions by making information about these materials accessible to teachers and scholars. The program supports: 1) Cataloging collections of “national significance” which will have an impact on current scholarship; 2) Using appropriate standards and tools to maximize access, efficiency, interoperability, and sustainability; and 3) Using model approaches to cataloging and outreach that engage scholars and other user communities. The minimum allowable request is $50K and the maximum allowable request is $500K with a project period 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.

Avant-Garde Masters Grants
National Film Preservation Foundation
Contact: 415/392-7291, info@filmpreservation.org
Solicitation number:
This grant supports the preservation of a film or films by a single filmmaker or from a cinematic group significant to the development of avant-garde film in America. Works made within the last twenty years are not eligible. Applications should show how the proposed titles have made a significant contribution to American experimental film or, if the works are lesser known today, demonstrate how the films will contribute to a better understanding of avant-garde film history. Proposals must also explain why the proposed films are in need of preservation and include plans detailing how the films will be made available to the public and the scholarly community. This grant will fund several preservation projects ranging between $5K and $50K. 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.

Chretien International Research Grants
American Astronomical Society
http://aas.org/grants/chretien.php
Contact: 202/328-2010
Solicitation number:
The purpose of these grants is to further international collaborative projects in observational astronomy. Emphasis is on long-term visits and the development of close working relationships with astronomers in other countries. Up to $20K is available each year to one or more individuals or groups. The awards are open to astronomers throughout the world. Preference will be given to individuals of high promise who are otherwise unfunded. 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.
Kress Foundation Grant Programs

Kress Foundation


Contact: 212/861-4993, info@kressfoundation.org

Solicitation number:

Through its Grant Programs, the Kress Foundation supports scholarly projects that promote the appreciation, interpretation, preservation, study and teaching of European art from antiquity to the early 19th century. The History of Art Program supports scholarly projects that will enhance the appreciation and understanding of European art and architecture. The Conservation Program supports the professional practice of art conservation. The Digital Resources Program supports the creation of important online resources in art history, including both textual and visual resources. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Walker Foundation Grants

Yale University

http://walker-foundation.org/grant-guidelines

Contact:

Solicitation number:

The Foundation funds local, national, and international projects as pilot studies or demonstrations for solving economic imbalances that may affect the United States or challenge the global free-enterprise system. 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: 1-888/234-1999, grantadministration@wellsfargo.com

Solicitation number:

Grants are considered for programs that: 1) 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); 2) Aid worthy students of music to secure complete and adequate musical education; and 3) 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.

MacDowell Fellowships

The MacDowell Colony

http://www.macdowellcolony.org/apply-appguidelines.html

Contact: 603/924-3886, admissions@macdowellcolony.org

Solicitation number:

A MacDowell Fellowship provides time, space, and an inspiring environment for artists and consists of exclusive use of a studio, accommodations, and meals for up to eight weeks. The Colony accepts applications from artists working in the following disciplines: architecture, film/video arts, interdisciplinary arts, literature, music composition, theatre, and visual arts. The sole criterion for acceptance is artistic excellence. 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.
Bogliasco Fellowships
Liguria Study Center for the Arts and Humanities
http://www.bfny.org/english/applicants.cfm
Contact: 212/713-7628, info@bfny.org

Solicitation number:

Bogliasco Fellowships are awarded to qualified persons doing creative or scholarly work in the various disciplines of the Arts and Humanities. To be eligible, applicants should demonstrate significant achievement in their disciplines, commensurate with their age and experience. An approved project is presumed to lead to the completion of an artistic, literary, or scholarly work, followed by publication, performance, exhibition, or other public presentation. Fellowships are for an academic semester. 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.

4/15/2013 Letter of Intent (required)
9/1/2013 Application
10/1/2013 Letter of Intent (required)
2/15/2014 Application

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.

4/22/2013 Stage 1 Proposal
8/15/2013 Stage 1 Proposal
12/15/2013 Stage 1 Proposal

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.
Lawrence Foundation Grants
The Lawrence Foundation
http://www.thelawrencefoundation.org/grants/index.php
Contact: info@thelawrencefoundation.org

Solicitation number:
The Foundation is focused on making grants to support environmental, education, human services, and other causes. The Foundation makes both program and operating grants and does not have any geographic restrictions on our grants. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

5/1/2013 Application
11/1/2013 Application

Bradley Foundation Grants
The Bradley Foundation
http://www.bradleyfdn.org/program_interests.asp
Contact: 414/291-9915

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

5/1/2013 Application
8/1/2013 Application
11/1/2013 Application

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.

5/1/2013 Application
8/1/2013 Application

Post-Ph.D. Research Grants
The Wenner-Gren Foundation
http://www.wennergren.org/programs/post-phd-research-grants
Contact: applications@wennergren.org

Solicitation number:
Post-Ph.D. Research Grants are awarded to individuals holding a Ph.D. or equivalent degree to support individual research projects. The program contributes to the Foundation's overall mission to support basic research in anthropology. Grants provide a maximum of $20K and the Osmundsen Initiative supplement provides up to an additional $5K for a maximum grant of $25K. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
Samuel Rubin Grants
Samuel Rubin Foundation
http://www.samuelrubinfoundation.org/guidelines.html
Contact: Lauranne Jones, 212/697-8945, lauranne@igc.org

Solicitation number:
The Foundation is dedicated to the pursuit of peace and justice and the search for an equitable reallocation of the world’s resources. The Foundation believes that these objectives can be achieved only through the fullest implementation of social, economic, political, civil and cultural rights for all the world’s people. Applications for general operating expenses are accepted, as well as for applications specific projects within an organization. The majority of grants range from $5K to $10K. 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.

Major Grants
Spencer Foundation
http://www.spencer.org/content.cfm/budgets-over-40000
Contact: Annie Brinkman, 312/274-6511, abrinkman@spencer.org

Solicitation number:
The Foundation is committed to supporting high-quality investigation of education. The Foundation makes grants in four specific areas of inquiry: Education and Social Opportunity; Organizational Learning; Teaching, Learning, and Instructional Resources; and Purposes and Values of Education. In addition to these defined areas, the Foundation will continue to accept Field-Initiated Proposals. Major Grants have a budget of over $40K. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

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

Solicitation number:
The International Collaborative Research Grant (ICRG) supports international research collaborations in anthropology between two or more qualified scholars, where the principal investigators bring different and complementary perspectives, knowledge, and/or skills to the project. The grants are for a maximum of $30K for the research project. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Conference and Workshop Grants
The Wenner-Gren Foundation
http://www.wennergren.org/programs/conference-and-workshop-grants
Contact: 212/683-5000, inquiries@wennergren.org

Solicitation number:
The foundation supports events that foster the creation of an international community of research scholars in anthropology and advance significant and innovative anthropological research. Conferences are defined as public events that are comprised primarily of oral and poster presentations to a larger audience of anthropologists. Workshops are defined as working meetings that focus on developing and debating topical issues in theoretical anthropology. Priority is given to those workshops that devote the majority of time to discussion and debate rather than to the presentation of papers. These grants are for amounts up 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.
Pacific Pioneer Fund
Stanford University
http://www.pacificpioneerfund.com/
Contact: Armin Rosencranz, armin@stanford.edu
Solicitation number:
The purpose is to support emerging documentary filmmakers. The term "emerging" is intended to denote a person committed to the craft of making documentaries, who has demonstrated that commitment by several years - no more than 10 - of practical film or video experience. The fund does not support instructional or performance documentaries or student film projects. The fund does not make grants to individuals. Grants to support filmmakers are limited to filmmakers or videographers who live and work in California, Oregon and Washington. Grants will range from $1K-$10K. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

6/1/2013 Application
12/1/2013 Application

Anthropology Conference and Workshop Grants
Wenner-Gren Foundation for Anthropological Research, Inc.
http://www.wennergren.org/programs/conference-and-workshop-grants
Contact: 212/683-5000, inquiries@wennergren.org
Solicitation number:
Conference and Workshop Grants are for amounts up to $20K. In accordance with the mission of the Foundation, priority is given to events that foster the creation of an international community of research scholars in anthropology and advance significant and innovative anthropological research. Conferences are defined as public events that are comprised primarily of oral and poster presentations to a larger audience of anthropologists. Workshops are defined as working meetings that focus on developing and debating topical issues in theoretical anthropology. 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.

UC and State of California
Ongoing

California Wellness Grants
California Wellness Foundation
http://www.calwellness.org/how_to_apply/
Contact: 818/702-1900
Solicitation number:
The Foundation supports organizations working to improve the health of underserved communities in California. The following health issues are prioritized: Diversity in the Health Professions; Environmental Health; Healthy Aging; Mental Health; Teenage Pregnancy Prevention; Violence Prevention; Women’s Health; and Work and Health. While project funding requests are accepted, requests for core operating support are particularly encouraged. An organization must first write a one- or two- page letter of interest.
Planning & Development Grants for Collaborative Research Projects

University of California Center for Collaborative Research for an Equitable California (CCREC)
http://ccrec.ucsc.edu/grants-projects/planning-and-development-grants

Contact: Samara Foster, 831/459-1991, ssfoster@ucsc.edu

Solicitation number:

The UC Center for Collaborative Research for an Equitable California (CCREC- a UC MRPI) is accepting proposals for Planning and Development Grants of up to $15,000 to support the crucial early stages of collaborative research projects that show significant promise of securing extramural funding for their implementation phase.

Award eligibility & criteria: Have a UC Academic Senate faculty member or eligible UC researcher serve as PI; Address at least two of the CCREC focal areas (economy, education, employment, environment, health, housing, and nutrition) in an integrated way; Include community-based and policy partners in substantive ways; Provide a clear connection between the proposed research and significant policy and/or community change; and Demonstrate continuous value-added benefits to the community.

CCREC encourages projects that: include more than one UC campus; include attention to economic and employment issues; work to create conditions that empower communities in the political process; have a regional focus; and include a graduate student training component.

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.

Non-Senate Faculty Professional Development Fund Annual Call

University of California

Contact: Hiroko Sugawara, hirokos@eastasian.ucsb.edu

Solicitation number:

The Council calls for a wide range of proposals related to non-senate faculty development. Funds may be used for conference and research travel, course relief, workshop attendance, creative/research projects, materials specifically related to a special project, or for other purposes related to non-senate faculty development. The Council encourages the use of other funding sources in conjunction with these awards. Funds are available for use by all UCSB non-senate faulty, regardless of type or length of appointment. This includes both lecturers and supervisors of teacher education. However, funds may be used for course relief only by non-senate faculty with Continuing Appointments. Recipients must have an active appointment when the expenses are reimbursed and while completing the project. Awards will be granted in two categories: small grants (up to $1K) and large grants (over $1K).
Religions in Diaspora and Global Affairs
University of California
Contact: Kelly Brown, kbrown@hri.uci.edu
Solicitation number:
This program is a three-year research initiative exploring the complex cultural and political relations between diasporic religious communities and their self-identified homelands. This initiative is supported by the Henry R. Luce Foundation’s Initiative on Religion and International Affairs, which seeks to deepen understanding of religion as a critical but often neglected dimension of national and international policies and politics. The Luce grant will support a planning year (in progress) followed by a two-year Humanities Studio. The Studio will be composed of three competitively selected multi-faceted research collaborations between UC faculty and students, international scholars, journalists, policy makers and religious and community organizations. Each of the research groups will be awarded a grant of up to $40K per year (up to $80K total), over a two-year period between July 1, 2013 and June 30, 2015.

Release Time Awards
Interdisciplinary Humanities Center
http://www.ihc.ucsb.edu/release-time-awards/
Contact: Emily Zinn, ezinn@ihc.ucsb.edu
Solicitation number:
Awards will be given to ladder rank faculty to release them from teaching one quarter to concentrate on research projects. Recipients must be in residence during the fellowship term; while the award releases the recipient from teaching responsibilities, it does not exempt him or her from service and advising responsibilities. Award recipients will be designated IHC Fellows and are required to deliver a public lecture or hold a seminar on a topic related to their research during their tenure as fellows. The award does not provide a salary supplement. It will be calculated as a replacement cost of up to $5K for one course.

IHC Collaborative Research Grants
Interdisciplinary Humanities Center
http://www.ihc.ucsb.edu/collaborative-research-grants-2/
Contact: Emily Zinn, ezinn@ihc.ucsb.edu
Solicitation number:
Awards will be made to support collaborative projects. Eligible projects include conferences at UCSB or in the Santa Barbara area; collaborative research or instructional projects by faculty in one or more departments/programs; and initiatives to bring visiting scholars and arts practitioners to campus for collaborative research or teaching (where appropriate such scholars may be appointed Visiting Fellows of the IHC). The award amounts up to $3K.

UC MEXUS Small Grants 2013
UC Institute for Mexico and the United States (UC MEXUS)
http://ucmexus.ucr.edu/funding/grant_small.html
Contact: Andrea Kaus, 951/827-3586, andrea.kaus@ucr.edu
Solicitation number:
UC MEXUS announces a small grants competition for travel, short-term research, initial planning, or other special one-time needs related to the seed phase of projects or programs conducted by University of California researchers or research teams in the areas of: 1) Mexico-Related Studies; 2) Latino Studies; 3) United States-Mexican Relations; 4) Critical U.S.-Mexico Issues; 5) Latino and Mexican Topics in the Arts; and 6) Collaborative Research Projects with Investigators at Mexican Institutions. Seed funds are available to support beginning projects in the areas listed above; travel to develop collaborations or to present the results of UC MEXUS-supported research projects; visiting scholars from Mexican institutions; lectures and performances; public service programs; and other short-term needs for the initial development of projects. Awards of up to $1.5K will be provided for a one-year period. Requests are encouraged for funds to match awards from campus sources.