The University of California Pacific Rim Research Program (PRRP) supports collaborative research by UC faculty, graduate students, and their colleagues at other institutions. The PRRP promotes the study of the Pacific Rim as a distinctive region. For the purposes of this Program, the term “Pacific Rim” encompasses all areas and nations that border the Pacific Ocean, including Southeast Asia and East Asia, Australia/New Zealand, the Pacific islands, and Pacific Latin America. The Program places priority on research that is new, specific to the region, and collaborative—reaching across national boundaries and bridging academic disciplines. Proposals may come from any discipline in the humanities, social sciences, natural sciences, public health, or some combination thereof. Three types of grants are available:

- **Faculty Initiative Grants** on the topic “Responses to Crisis in the Pacific Rim” provide up to $50,000 over a multi-year period. All Initiative Grant proposals must involve collaboration of scholars from more than one Pacific Rim nation or territory, and may include support of graduate students.

- **Faculty Research/Planning Grants** fund collaborative projects of varying sizes, up to a maximum of $25,000. Projects must involve collaborative research, or research planning and pilot research, with colleagues in at least one Pacific Rim nation or territory. Awards are ordinarily granted for one year.

- **Advanced Graduate Research Fellowships** support graduate students for a year of dissertation research or its equivalent. Students may apply for up to $20,000.

The Pacific Rim Research Program has a two-tier review process. In the first stage, a campus committee reviews proposals and selects up to eight proposals to move forward to the second stage of review by the PRRP Executive Committee.


**UCSB Informational Meeting:** Wednesday, October 31, 10-11 a.m.

2208 North Hall

**Campus Deadline:** January 7, 2013

**Final Deadline:** February 15, 2013

**UC HUMANITIES RESEARCH INSTITUTE CALLS FOR PROPOSALS**

The UCHRI has recently announced the following calls for proposals:

- **Conference grants** - UCHRI invites proposals for conferences that focus on significant and innovative ideas and contribute to the advancement of the research topic by bringing people together productively. Conferences should be open to the public. Specific plans for how the conference will be structured, such as topics for sessions, should be included. A list of possible speakers or panelists should be provided. Awards range from $5K to $10K.

- **Seminar Grants** - UCHRI invites proposals for seminars for small groups of UC faculty and advanced graduate students to engage in intensive study of topics. Seminars may be from a variety of fields in the humanities and humanistic social sciences. Seminars should draw participants from across humanistic disciplines around a clearly defined topic or from a discrete discipline to explore interdisci-
plenary approaches to a defined topic. Awards range from $1.5K to $4K.

- **Public Humanities** - UCHR invites proposals to promote public programming involving vigorous partnerships between any fields or between organizations with significant humanities focus or content and off-campus community organizations with considerable record of public service commitments. Funding is intended to support innovative community engaged programming or partnerships with community organizations, museums, or NGOs to bring high quality humanities programming to off-campus audiences. The maximum award is $20K.

- **Short-term Collaborative Research Residencies** - UCHR invites proposals to use its on-site institutional resources to serve as a retreat for short intensive residencies to complete a UC collaborative group project already well under way and with a committed outcome in sight. Residencies may run anywhere from a week to a month, depending on need and availability. Residencies will be available for up to ten residents at a time in any discipline or field in the humanities, or in interaction with the theoretical social sciences, arts, sciences and technology. A UC faculty member must be the Principal Investigator. Graduate students may participate as members of the group, but not as PI.

These calls have a deadline of November 7th, 2012. All UCHR calls can be found at [http://uchri.org/funding/funding-overview-and-calendar/](http://uchri.org/funding/funding-overview-and-calendar/)

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**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.


A new version of the NSF Proposal & Award Policies & Procedures Guide (PAPPG), [http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf13001](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf13001), has been issued. This new version of the PAPPG will be effective for proposals submitted or due on or after January 14, 2013. This purposeful communication is intended to ensure a broad understanding of the revisions to the merit review criteria and provide easy access to supporting materials including:

- A resource website for the proposer community containing presentations, fact sheets and other important links: [http://www.nsf.gov/bfa/dias/policy/merit_review/resources.jsp](http://www.nsf.gov/bfa/dias/policy/merit_review/resources.jsp)
- A webcast will be available in early November 2012 covering all of the PAPPG revisions (send an e-mail to policy@nsf.gov to be notified when this webcast is available).

Please direct any questions to the Policy Office in the Division of Institution & Award Support at policy@nsf.gov, or (703) 292-8243.

**Dear Colleague Letter: Interdisciplinary Research across the SBE Sciences**

The Directorate for Social, Behavioral, and Economic Sciences (SBE) encourages investigators to submit proposals that go beyond the boundaries of traditional disciplines, span across the existing core SBE programs, or extend outside the SBE sciences. NSF has identified four cross-cutting themes that appear to be potentially fertile areas of research: population change; disparities in experience and access to resources; language and cognition, including communication, linguistics, and the brain; and new technology/new media and social network analysis. The directorate anticipates future activities that will support research in some or all of these thematic areas, and proposals that address research problems from an interdisciplinary perspective within these broad topics are welcome. A range of different opportunities exist for SBE scientists engaging in interdisciplinary research:

- Interdisciplinary Behavioral and Social Science Research (IBSS) - This solicitation seeks to support large interdisciplinary research projects and exploratory research projects. [http://www.nsf.gov/pubs/2012/nsf12614/nsf12614.htm](http://www.nsf.gov/pubs/2012/nsf12614/nsf12614.htm)
- Either individually or through co-review involving multiple programs, SBE programs will consider proposals submitted in response to the Research Coordination Networks (RCNs) solicitation. [http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11691](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11691)
- Either individually or through co-review involving multiple programs, SBE programs will consider proposals for interdisciplinary research submitted in response to the standing program announcements and program solicitations.

**Dear Colleague Letter - Computational and Data-Driven Materials Research (CDMR)**


The Division of Materials Research (DMR) announces a new program, PD 12-8029, Computational and Data-Driven Materials Research (CDMR), which offers opportunities distinct from other programs in DMR. For example, simulation, theory, data, and experiment may be combined in a single project to enable a strategic or transformative advance in the fundamental understanding of materials or materials-related phenomena. CDMR supports materials research driven by computation, data, or theory. Areas of interest include new materials design and preparation, structure development, evolution and control, nanoscale materials, multi-scale properties and optimization across the topical, disciplinary, and interdisciplinary areas represented in DMR programs. Successful projects will advance fundamental understanding of materials or materials-related phenomena through transformative research in which a computational, data-centric, or theoretical activity drives a well-integrated experimental activity or vice versa.

CDMR will accept proposals during the window for submitting unsolicited proposals to DMR. As previously announced in PD 12-8029, the next submission window is September 1, 2012 to October 31, 2012.

**Dear Colleague Letter - Changes to the Directorate for Geosciences (GEO) Education and Diversity Programs for Fiscal Year 2013 and Solicitation of Community Input Regarding Broadening Participation Programs in the Geosciences**


The purpose of this Dear Colleague Letter (DCL) is to notify the geoscience education and research communities, and relevant stakeholders, of important changes being made to some of the Directorate for Geosciences (GEO) education-related
programs, and to invite community input to help shape future priorities for programs that encourage broader participation in the geosciences.

During the next few months, NSF will work with the geoscience education and research communities to synthesize insights gained through the past ten years’ worth of OEDG investments, identify additional needs and opportunities related to broadening participation of underrepresented groups in the geosciences, and develop a new program solicitation that reflects emerging priorities related to diversity in the geosciences and has a scope that is consistent with budgetary constraints. NSF seeks community input in two areas: (1) identifying the critical needs regarding efforts to engage, recruit, and retain underrepresented students in the geosciences and broaden public Earth System Science literacy among diverse communities; and, (2) contributing ideas for how best to engage relevant stakeholders and communities for addressing those needs, given budgetary constraints.

This DCL is not a request for submission of a single research proposal idea; rather, it is meant to generate potential topic areas that are forward-looking, innovative, and potentially transformational over significant scales. You may submit your comments and ideas through brief (less than one-page) descriptions by visiting http://www.nsf.gov/geo/oedg/index.cfm. Please follow the instructions provided.

The deadline for submission of comments is November 1, 2012.

**CAMPUS HONORS AND AWARDS**

- **Umesh K. Mishra**, professor of electrical and computer engineering, received the Heinrich Welker award for achievements in energy efficient semiconductor research.
- **Yasamin Mostofi**, associate professor of electrical and computer engineering, received the IEEE Region 6 Outstanding Engineer Award for her multi-disciplinary work on mobile sensor networks and networked control systems.
- **Shuji Nakamura**, professor of materials and co-director for the Solid State Lighting & Energy Center, was named Inventor of the Year by the Silicon Valley Intellectual Property Law Association for his work in LED technology.
- **Rouslan Krechetnikov**, assistant professor of mechanical engineering, received the 2012 Ig Nobel Prize in Fluid Dynamics for studying the physics of coffee spills.
- **Linda Putnam**, professor and chair of communication, received the 2012 Samuel L. Becker Distinguished Service Award from the National Communication Association.

**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.

The certificate program is FREE and will be provided in one series with courses starting September 12, 2012. 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. Past STAR participants are encouraged to retake
courses where new material and information is now available and could be critical to the success of the research administration process. Staff members who wish to earn a STAR program certificate must complete the coursework within two years. 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/. Sitting is limited so register now. Should you have any further questions, please send an e-mail to training@research.ucsb.edu

Proposal Budget Preparation (2.5 hours lecture, 1.5 hours lab)
This course provides an in-depth exploration of the components of a proposal budget, including salary and benefit costs, equipment, participant support, supplies, and indirect cost calculation. This course will also include interactive exercises for preparation of proposal budgets and Academic Titles. Course consists of lecture and a lab session.
Offered: Thursday, November 1, 2012; 9:00am-11:30am
Lecture Location: Phelps 2536
Instructors: Lynne Van Der Kamp, Jamie Sprague and Viktoriya Filippova
Lab Date: Friday, November 2, 2012; 9:00am-10:30am
Lab Location: SSMS 1301
Instructors: Lynne Van Der Kamp & Jamie Sprague

Introduction to Proposal Submission (3 hours)
This course provides basic instruction on preparing a proposal, securing the appropriate approvals, and submitting to the funding agency. Topics covered are eligibility to serve as principal investigator, types of proposals, interpreting sponsor guidelines, completing sponsor application forms and internal forms, including appropriate use of various research titles and pay rates for employees, and proposal revisions. This course will also include how to access the ORBiT Data Base. ORBiT is the online contract and grant database used to submit and track proposals and awards.
Offered: Wednesday, November 14, 2012; 9:00am-12noon
Instructors: Cara Egan-Williams, Alexa Greco & Brett Fortier
Location: Phelps 2536

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

Programs with upcoming campus deadlines include:

- Simons Foundation Math+X: Encouraging Interactions—Campus Notice of Intent 10/15/2012; Letter of Intent 11/1/2012; Agency deadline 5/1/2013
- NSF Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)—Campus Notice of Intent 10/23/2012; Agency deadline 12/10/2012
- NIH NIBIB Biotechnology Resource Centers—Campus Notice of Intent 11/19/2012; Letter of Intent 12/21/2012; Agency deadline 1/25/2013
- UC Pacific Rim Research Program—Campus Deadline 1/7/2013; UC Systemwide Deadline 2/15/2013
Programs with open campus spots (please contact funding@research.ucsb.edu if you are interested in submitting to one of these programs):

- Parker B. Francis Fellowship in Pulmonary Research Program—Agency deadline 10/15/2012
- NSF Advancing Digitization of Biodiversity Collections (ADBC)—Agency deadline 10/19/2012
- NSF Bridges to the Doctorate Program (R25)—Agency deadline 10/26/2012
- NSF Bridges to the Baccalaureate Program—Agency deadline 10/26/2012
- NIH Research Infrastructure for Demographic and Behavioral Population Science (R24)—Letter of Intent 10/30/2012; Agency deadline 11/30/2012
- NSF Science Support Office for the International Ocean Discovery Program (IODP)—Letter of Intent 10/30/2012; Agency deadline 1/22/2013
- Burroughs Wellcome Fund Investigators in the Pathogenesis of Infectious Disease 2012—Agency deadline 11/1/2012
- Pew Scholars Program in the Biomedical Sciences 2012—Agency deadline 11/1/2012
**Contract and Grant Awards**

**September 2012**

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

Ashby, F. (Psychological & Brain Sciences), $285,720, University Of Texas at Austin, “Computational Cognitive Neuroscience Modeling of Learning and Retention of Complex Sequential Skills.”

Balents, L. (Physics), $345,000, National Science Foundation, “Quantum Phenomenae in Solids.”

Bianchini, J. (Education), Seale, S. (Earth Research Institute), Gevirtz Research Institute, $1,199,920, National Science Foundation, “Cal-Teach: Physical Sciences and Engineering.”

Boothen, B. (Geography), Hanshaw, M.N. (Geography), Earth Research Institute, $30,000, NASA Shared Services Center (NSSC), “Volumetric Glacial Changes in the Central Andes During the Past Four Decades: Climate Change, Debris Coverage, or ENSO Variability.”


Chen, J., Garcia-Cervera, C.J. (Mathematics), $238,210, National Science Foundation, “Quasiamostomistic Method of Solids.”

Collin, B.F. (Chemical Engineering), $143,529, Stanford University, “The Center for Advanced Molecular Photovoltaics.”

Clarke, B.A., Burbank, D.W. (Earth Science), Earth Research Institute, $171,556, National Science Foundation, “Quantifying Near-Surface Patterns of Bedrock Fractures and Assessing Controls on Fracture Formation.”

Cosden, M. (Department of Counseling, Clinical, and School Psychology), Gevirtz Research Institute, $151,950, Good Samaritan Shelter, “Fresh Start Program.”

Doyle, F.J. (Chemical Engineering), Institute for Collaborative Biotechnologies, $1,634,056, Army Research Office, “Continuation Study: A Systems Approach to Understanding Post-Traumatic Stress Disorder.”

Franklin, D., Harlow, D. (Education), Computer Science, $599,895, National Science Foundation, “CER: DEPICT: Developing Elementary (Learning) Progressions to Integrate Computational Thinking.”

Frew, J.E. (Donald Bren School of Environmental Science & Management), Earth Research Institute, $62,000, University Industry Research Corporation, “Intel Science and Technology Center for Big Data - ISTC-BD.”


Hegarty, M., Goodchild, M.F. (Geography), Psychological & Brain Sciences, $559,797, National Science Foundation, “CGV: Large: Collaborative Research: Modeling, Display, and Understanding Uncertainty in Simulations for Policy Decision Making.”


Kruegel, C., Vigna, G. (Computer Science), $200,000, National Science Foundation, “EAGER: Attacking (and Defending) Information.”

Lambert, A., Dudley, T.L., Marine Science Institute, $99,930, USDA National Institute for Food and Agriculture, “Evaluating the Efficacy and Impacts of Tetramesa romana, a Wasp Introduced for Biological Control of Arundo donax (Giant Reed).”


Mostofi, Y.C. (Electrical & Computer Engineering), $335,330, National Science Foundation, “Compressive Cooperative Sensing and Navigation in Mobile Networks.”

Nelson, C.E., Knapp, R.A., Marine Science Institute, $56,000, Sierra Business Council, “Grazing Management Practice Implementation and Assessment in One or More Targeted Watersheds in the Lahontan Region.”

Ohlmann, J.C., Earth Research Institute, $98,846, Orange County Sanitation District, “Monitoring the Fate and Transport of the Orange County Sanitation District 78 Outflow Effluent Plume.”


Reed, D.C., Marine Science Institute, $264,575, National Science Foundation, “Collaborative Research: The Effect of Inbreeding on Metapopulation Dynamics of the Giant Kelp, Macrocystis pyrifera.”

Roberts, D.A. (Geography), $307,484, National Aeronautics and Space Administration, “HyspIRI Discrimination of Plant Species and Functional Types Along a Strong Environmental-Temperature Gradient.”

Robertson, E.B. (Art Studio), Interdisciplinary Humanities Center, $125,000, The J. Paul Getty Trust, “Inside Out: the Architecture of Smith and Williams.”


Scott, S.L., Peters, B. (Chemical Engineering), $2,200,000, Department of Energy, “Hierarchical Design of Supported Organometallic Catalysts for Hydrocarbon Transformations: Structures and Dynamics of the Active Site.”

Shell, M., Leal, L.G. (Chemical Engineering), $99,470, National Science Foundation, “Molecular and Hybrid Simulations of Nanobubble Stability.”


Shraiman, B.I. (Physics), $783,481, National Science Foundation, “Intercellular Interactions and Dynamics of Morphogenesis.”


Singer, M.D., Earth Research Institute, $96,466, National Science Foundation, “Collaborative Research: Establishing Process Links Between Streamflow, Sediment Transport/Storage, and Biogeochemical Processing of Mercury.”


Stratton, E., Earth Research Institute (CCBER), $29,996, Southern Calif Wetlands Recovery Project, “UCSB Campus Lagoon Salt Marsh Restoration.”


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 Commerce (DOC)

Ongoing

**Measurement Science and Engineering (MSE) Research Grant Programs**

Department of Commerce, National Institute of Standards and Technology (NIST)

http://www.grants.gov/search/search.do?mode=VIEW&oppId=133134

Contact: Varies with research interest

Solicitation number: 2012-NIST-MSE-01

NIST is soliciting proposals for financial assistance for FY 2012 under the following programs:

1. Material Measurement Laboratory (MML) Grant Program;
2. Physical Measurement Laboratory (PML) Grant Program;
3. Engineering Laboratory (EL) Grant Program;
4. Fire Research Grant Program;
5. Information Technology Laboratory (ITL) Grant Program;
6. NIST Center for Neutron Research (NCNR) Grant Program;
7. Center for Nanoscale Science and Technology (CNST) Grant Program;
8. Standards Services Group (SSG) Grant Program; and
9. Office of Special Programs (OSP) Grant Program

10/31/2012 Full Proposal

**Collaborative Science, Technology, and Applied Research (CSTAR) Program**

Department of Commerce

http://www.grants.gov/search/search.do;jsessionid=GwLhQGHTRQcfJlytv0LTJrP31X7k5SQhWy8xG3mhwqHYy0LITGwL-946780

Contact: Curtis Marshall, 301/713-3557 ext. 179, curtis.marshall@noaa.gov

Solicitation number: NOAA-NWS-NWSPO-2013-2003473

The CSTAR Program represents an NOAA/NWS effort to create a cost-effective transition from basic and applied research to operations and services through collaborative research between operational forecasters and academic institutions which have expertise in the environmental sciences. These activities will engage researchers and students in applied research of interest to the operational meteorological community and will improve the accuracy of forecasts and warnings of environmental hazards by applying scientific knowledge and information to operational products and services. The CSTAR Program addresses NOAA’s Mission Goal 3—Weather Ready Nation. The long term objective of the CSTAR Program is to improve the overall forecast and warning capabilities of the operational hydrometeorological community by addressing the following science and technology themes through collaborative research efforts between the NWS and academic institutions: 1) Warn on Forecast for High Impact Events; 2) Next Generation Forecast System; 3) Integrated Observing and Analysis System; 4) Decision Support Information Systems; and 5) Integrating Social Science into Weather and Water Research and Operations. Individual annual awards in the form of cooperative agreements are limited to a maximum of $125K per year for no more than three years.
**Climate Program Office for FY 2013**

Department of Commerce

[http://www.grants.gov/search/synopsis.do;jsessionid=rkX1QGGCCgLP91ffNWNW6GDJMLhYqTtSSryhGm0TDyYL6CgSQJLxI-232291](http://www.grants.gov/search/synopsis.do;jsessionid=rkX1QGGCCgLP91ffNWNW6GDJMLhYqTtSSryhGm0TDyYL6CgSQJLxI-232291)

Contact: Diane Brown, diane.brown@noaa.gov

Solicitation number: NOAA-OAR-CPO-2013-2003445

NOAA advances scientific and technical programs to help society cope with, and adapt to, today's variations in climate and to prepare for tomorrow's. Toward this end, the agency conducts and supports climate research, observations, modeling, information management, assessments, interdisciplinary decision support research, outreach, education, and stakeholder partnership development. These investments are key to NOAA's mission of "Science, Service, and Stewardship" and are guided by the agency's vision to create and sustain enhanced resilience in ecosystems, communities, and economies, as described in NOAA's Next Generation Strategic Plan. NOAA's five-year climate objectives are as follows: 1) Improved scientific understanding of the changing climate system and its impacts; 2) Assessments of current and future states of the climate system that identify potential impacts and inform science, service, and stewardship decisions; 3) Mitigation and adaptation choices supported by sustained, reliable, and timely climate services; and 4) A climate-literate public that understands its vulnerabilities to a changing climate and makes informed decisions. It is anticipated that most awards will be at a funding level between $50K-$200K per year for up to three years.

**FY 2013 Joint Hurricane Testbed**

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

[http://www07.grants.gov/search/search.do;jsessionid=bp4BQpTK0vlbH22bW6fsNSWhGflidnXMhhNWydZ7Q2PQy2GZN0Gpbl-36](http://www07.grants.gov/search/search.do;jsessionid=bp4BQpTK0vlbH22bW6fsNSWhGflidnXMhhNWydZ7Q2PQy2GZN0Gpbl-36)

Contact: Jiann-Gwo Jiing, 305/229-4443, Jiann-Gwo.Jiing@noaa.gov

Solicitation number: NOAA-OAR-OWAQ-2013-2003469

The NOAA United States Weather Research Program (USWRP) seeks to accelerate the rate at which promising and relevant research and technology benefit operational tropical cyclone analysis and forecasting. The goal of this notice is to promote the development and demonstration by government, universities, and other organizations, in coordination with the JHT, of various operational models and applications for the improvement of real-time tropical cyclone analysis and forecasting capabilities determined to be most desirable. Award amounts for previous JHT grants have been mostly between $50K and $200K per year. The period of awards is one to two years.

**Department of Defense (DOD)**

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.
Fiscal Year 2013 University NanoSatellite Program

AFOSR’s technical experts foster and fund research within the Air Force Research Laboratory, universities, and industry laboratories to ensure the transition of research results to support USAF needs. AFOSR announces a fiscal year 2013 competition for research to promote and sustain university research and education focused on small satellites (nanosats) and related technologies. The primary outcome of individual projects funded under this program is the design, fabrication and functional testing of a nanosat. Secondary objectives are to foster research in enabling technologies for nanosats and the design of experiments that can be performed by nanosats in orbit. Each project will be funded at no more than $55K per year for a maximum of two years. Collaborations with government agencies or industry are highly desirable.

Militarily Relevant Peer Reviewed Alzheimer’s Disease Research - Convergence Science Research

The primary objective of the FY12 MRPRA is to facilitate the development of research tools and clinical outcomes that will permit the detection and diagnosis of neurological change found with Traumatic Brain Injury (TBI)-associated Alzheimer’s disease (AD). A second, but equally important, objective for the FY12 MRPRA is the development of technologies intended to directly benefit individuals suffering from the symptoms of neurological impairment associated with either TBI or AD. Research falling under this second objective is intended to either increase or maintain the quality of life of those affected by the symptoms of either TBI or AD. The maximum requested amount of funding for an individual award is $500K in direct costs. The maximum period of performance is three years.

Militarily Relevant Peer Reviewed Alzheimer’s Disease - Military Risk Factors Research

The primary objective of the FY12 MRPRA is to facilitate the development of research tools and clinical outcomes that will permit the detection and diagnosis of neurological change found with Traumatic Brain Injury (TBI) associated Alzheimer’s disease (AD). A second, but equally important, objective for the FY12 MRPRA is the development of technologies intended to directly benefit individuals suffering from the symptoms of neurological impairment associated with either TBI or AD. Research falling under this second objective is intended to either increase or maintain the quality of life of those affected by the symptoms of either TBI or AD. The maximum requested amount of funding for an individual award is $4M in direct costs. The maximum period of performance is three years.
Collaborative Research in Structural Sciences

Air Force Research Laboratory

http://www.grants.gov/search/search.do;?oppId=202057&mode=VIEW

Contact: Stephen Spottswood, 937/656-8801, Stephen.Spottswood@wpafb.af.mil

Solicitation number: BAA RQKPC-12-01

The primary objective of the effort will be on collaborative research between the in-house and university teams, and therefore there will be a large amount of interaction between the collaborative researchers and AFRL researchers. This interaction will include regular weekly telecons and frequent short-notice visits, and as such will require that researchers be able to travel quickly and on short notice between locations. The focus of the effort will be on the following three technical thrust areas: 1) Adaptive, spatial and temporal, multi-scaling strategies for long duration path-dependent combined-environment structural simulation; 2) Damage-integrated, structural-thermal, reduced-order-models for realistic structural components; and 3) High-fidelity, continuum-level, constitutive and material damage evolution models.

Program in Ultrafast Laser Science and Engineering (PULSE)

Defense Advanced Research Projects Agency (DARPA)

http://www07.grants.gov/search/search.do;jsessionid=Bhc4QkgT1TLfBjzgSH8MR2G2TJh0s8gvydy1yNxG6Nzr8nHVJbfrYl48720912

Contact: Jamil Abo-Shaeeer, DARPA-BAA-12-63@darpa.mil

Solicitation number: DARPA-BAA-12-63

PULSE seeks to enable efficient and agile use of the entire electromagnetic spectrum by linking it to the output of an ultrafast laser. The expected outcome of the program is to develop novel sources of radiation that improve upon existing state-of-the-art performance, size, weight, and power. In particular, PULSE aims to develop devices and techniques that will result in low phase-noise microwave oscillators, practical optical time/frequency transfer techniques, tabletop sources of high-quality secondary radiation and high flux isolated attosecond pulses, and other DOD-relevant applications. Proposals should address one or more of the four technical areas detailed below: 1) Portable Frequency Comb-based Devices; 2) Optical Time-Transfer; 3) Laser-Driven Secondary Radiation; and 4) Attosecond science.

Restorative Transplantation Research (RTR) Cooperative Agreement

Department of Defense (DoD)

http://www07.grants.gov/search/search.do;jsessionid=PV5KQzMZHJ7rq3PDmhTpI908GxThfwsdQ298bZZxgQGFK4qlx1lc160412

Contact: 1-301/682-5507, help@cdmrp.org

Solicitation number: W81XWH-12-CRMRP-RTR

The intent of the FY12 RTR program is to promote multi-institutional, multidisciplinary partnerships among clinicians and basic scientists that accelerate the movement of promising ideas in reconstructive composite tissue transplantation into clinical applications. The FY12 RTR program encourages applications that specifically address the following: 1) Applied Research; 2) Clinical Monitoring of Composite Tissue Allograft Recipients; and 3) Standardization of Processes and Protocol. The maximum period of performance is 4 years and the maximum allowable direct and indirect costs for the entire period of performance are approximately $13.75M.
Multidisciplinary University Research Initiative (MURI)

The DoD Multidisciplinary University Research Initiative (MURI) supports basic research in science and engineering that is of potential interest to DoD. The program is focused on multidisciplinary research efforts where more than one traditional discipline interact to provide rapid advances in scientific areas of interest. MURI awards are $1M to $2.5M per year.

White papers and full proposals addressing the following topics (1) through (8) should be submitted to the Army Research Office (ARO):

1. Artificial Cells for Novel Synthetic Biology Chassis
2. Molecular Co-Crystal Design and Synthesis
3. Reduced Cyber-system Signature Observability by Intelligent and Stochastic Adaptation
4. Non-equilibrium Many-body Dynamics
5. Materials with Spin Mediated Thermal Properties
6. Transforming Information within Nonequilibrium Nanosystems
7. Controlling Collective Phenomena in Complex Networks
8. Physiochemical Determinants of Cognition and Decision Making

White papers and full proposals addressing the following topics (9) through (15) should be submitted to the Air Force Office of Scientific Research (AFOSR):

10. New Quantum Phases of Matter
11. Multiphysics and Multiscale Failure Prediction through Peridynamic Theory
12. Electrochemical Dynamics in Nanoscale Systems
13. A New Paradigm in Sources and Physics of High-Power Ionospheric Modification
15. Photonic Synthetic Matter

White papers and full proposals addressing the following topics (16) through (23) should be submitted to The Office of Naval Research:

16. Random Lasers, Nano-spasers and Optical Rogue Waves
17. Free Space Optical Quantum Key Distribution (QKD)
18. Integrated Nanophotonics
19. Exploitation of Natural and Anthropogenic Noise for Ocean Exploration
20. Rare Element Replacement Strategies
21. Acoustic Metamaterials
22. Cognitive Neuroscience of Memory Consolidation across Sleep Stages and Efficient Learning
23. Computational Foundations of Moral Cognition

Chemical and Biological Defense Innovations and Technologies

Defense Threat Reduction Agency (DTRA)

Space and Naval Warfare Systems Center, Pacific (SSC Pacific), on behalf of Defense Threat Reduction Agency (DTRA), is soliciting proposals for basic research, applied research and advanced research (hereinafter referred to as research) in areas relating to the advancement of technology to meet DoD requirements for chemical, biological, and pandemic disease defense.
Minerva Research Initiative (MRI)
Office of Naval Research (ONR)
http://www.onr.navy.mil/~/media/Files/Funding-Announcements/BAA/2012/12-016.ashx
Contact: Erin Fitzgerald, Erin.Fitzgerald.ctr@osd.mil
Solicitation number: 12-016

MRI focuses on areas of strategic importance to U.S. national security policy. It seeks to increase the Department’s intellectual capital in the social sciences and improve its ability to address future challenges and build bridges between the Department and the social science community. Minerva brings together universities, research institutions, and individual scholars and supports multidisciplinary and cross-institutional projects addressing specific topic areas determined by the Department of Defense. The MRI aims to promote research in specific areas of social science and to promote a candid and constructive relationship between DoD and the social science academic community. The Minerva Research Initiative competition is for research related to the following three topics: 1) Belief Formation and Movements for Change; 2) Models of Societal Resilience and Change; and 3) Theories of Power and Deterrence. The anticipated range of individual awards is $300K to $1.5M per year for 3-5 years.

Department of Energy (DOE)

Terrestrial Ecosystem Science
Department of Energy, Office of Science
Contact: Daniel Stover, 301/903-0289, Daniel.Stover@science.doe.gov
Solicitation number: DE-FOA-0000749

This FOA requests applications for terrestrial ecosystem science that will improve the understanding of the role of terrestrial ecosystems in climate forcing related to a changing climate. Authors should pose their research applications in the context of representing terrestrial ecosystem processes in earth system models. Proposed research is intended to fill critical knowledge gaps, including the exploration of high-risk approaches. BER also encourages the submission of innovative exploratory applications with potential for future high impact on terrestrial ecosystem science. Applicants may request a maximum of $350K per year for up to three years.

High-Energy-Density Laboratory Plasma Science
Department of Energy, Office of Fusion Energy Sciences, Office of Science
http://www07.grants.gov/search/search.do;jsessionid=LcBSQtF0RnPfjppXILvdpH8KO07ZGTvINy8Xlq28LLbSnLJ6LJQO!1770978411
Contact: Sean Finnegan, 301/903-4920, Sean.Finnegan@Science.Doe.Gov
Solicitation number: DE-FOA-0000755

This FOA calls for grant applications for new awards for research in the SC-NNSA Joint Program in High-Energy-Density Laboratory Plasmas (HEDLP). Proposed research efforts can include experimental, theoretical, and/or computational science. Applications integrating experiments, theory, and simulation are encouraged. Grant applications are sought in the following subfields of HEDLP, as described in the Report of the 2009 Workshop on Basic Research Needs for High-Energy-Density Laboratory Physics: 1) High-Energy-Density Hydrodynamics; 2) Radiation-Dominated Dynamics and Material Properties; 3) Magnetized High-Energy-Density Plasma Physics; 4) Nonlinear Optics of Plasmas and Laser-Plasma Interactions; 5) Relativistic HED Plasmas and Intense Beam Physics; and 6) Warm Dense Matter. Approximately 8 to 12 awards are expected ranging from $50K-500K per year. Research Grant Awards are expected to be made for a period of two or three years as befitting the project.
Early Career Research Program

Department of Energy, Office of Science


Contact: early.career@science.doe.gov

Solicitation number: DE-FOA-0000751

The Office of Science of the Department of Energy invites grant applications for support under the Early Career Research Program in the following program areas: 1) Advanced Scientific Computing Research (ASCR); 2) Biological and Environmental Research (BER); 3) Basic Energy Sciences (BES), Fusion Energy Sciences (FES); High Energy Physics (HEP); and 4) Nuclear Physics (NP). The purpose of this program is to support the development of individual research programs of outstanding scientists early in their careers and to stimulate research careers in the areas supported by the DOE Office of Science. The minimum amount for an individual award made under this FOA is $750K over five years.

Conferences, Outreach, and Networking for New Energy Communities and Technologies (CONNECT)

Department of Energy, Advanced Research Projects Agency - Energy (ARPA-E)

https://arpa-e-foa.energy.gov/ - dced9e9a-eb4e-4cc8-b8ed-c7845e499b30

Contact: ARPA-E-CO@hq.doe.gov

Solicitation number: DE-FOA-0000475

ARPA-E seeks to support energy technology conferences, workshops, and other events that will involve the exchange or dissemination of technical data and information, the transfer of advanced energy technologies to the private sector, the education of targeted audiences about energy technologies and their potential impact(s), the promotion of investment or business opportunities for advanced energy technologies, and the formation of new partnerships, collaborations, and networks among energy researchers, technologists, entrepreneurs, and investors. Individual awards may vary between $5K and $25K. Applications will be accepted on a continuous, rolling basis. ARPA-E will evaluate applications on a quarterly basis.

Core Fulbright Scholar Program

Department of State, Bureau Of Educational and Cultural Affairs

http://www.cies.org/us_scholars/us_awards/

Contact: Varies by program

Solicitation number:

The Core Fulbright Scholar Program sends 800 U.S. faculty and professionals abroad each year. Grantees lecture and conduct research in a wide variety of academic and professional fields. Requirements and funding amounts vary depending on the host country and the programs available. Faculty interested in applying for this program should consult with their Department Chair and/or Divisional Dean.

Department of the Interior (DOI)
PTT Grants
National Park Service, National Center for Preservation Technology and Training
http://ncptt.nps.gov/grants/call-for-proposals/

Contact: Varies with research interest
Solicitation number:

NCPTT seeks innovative projects that advance science and technology for historic preservation. The PTT Grants program funds projects that develop new technologies or adapt existing technologies to preserve cultural resources. NCPTT funds projects within several overlapping disciplinary areas. These include: 1) archeology; 2) architecture; 3) collections management; 4) engineering; 5) historic landscapes; and 6) materials conservation. Although any proposal will be considered that advances NCPTT’s mission, NCPTT will give preference to proposals that advance technologies or methods to: 1) conserve cultural resources of the “recent past;”; 2) monitor and evaluate preservation treatments; 3) investigate minimally invasive techniques to inventory and assess cultural resources; 4) protect cultural resources against natural and human threats; 5) preserve cemeteries and places of worship; 6) safeguard resources from effects of pollution and climate; and 7) ensure a sustainable future for cultural resources. NCPTT supports single year projects. Grants are awarded competitively with the maximum award of $25K with a one to one cash or in-kind match requirement.

The Educational Component of the National Cooperative Geologic Mapping Program
Department of the Interior
http://www.grants.gov/search/search.do;jsessionid=7MtzQhfMW3Z1zXGGNKzHnv6yJmFL74yPKVvRJnp0lZCYpYCL4T1nI20715623

Contact: Douglas Howard, dahoward@usgs.gov
Solicitation number: G13AS00007

The primary objective of the EDMAP component of the NCGMP is to train the next generation of geologic mappers. To do this NCGMP provides funds for graduate and undergraduate students in academic research projects that involve geologic mapping as a major component. Through cooperative agreements NCGMP hopes to expand the research and educational capacity of academic programs that teach earth science students the techniques of geologic mapping and field data analysis. Another important goal is to increase the level of communication between the Nation’s geologic surveys (both the USGS and State Geological Surveys) and geologic mappers in the academic community. We hope that this improved communication will have two results: 1) that the academic mapping community will learn more about the societal needs that drive geologic mapping projects at the USGS and State Geologic Surveys, and 2) more geologic maps produced in academia will eventually be made available to the public. EDMAP allows the total of Direct and Indirect charges to equal $17.5K for graduate students and $10K for undergraduate students per year.

Environmental Protection Agency (EPA)

2013 Greater Research Opportunities Fellowships For Undergraduate Environmental Study
Environmental Protection Agency
http://www.epa.gov/ncer/rfa/2013/2013_gro_undergrad.html

Contact: Georgette Boddie, 703/347-8049, boddie.georgette@epa.gov
Solicitation number: CFDA 66.513

The U.S. EPA is offering undergraduate fellowships for bachelor level students in environmental fields of study. Subject to availability of funding and other applicable considerations, the Agency plans to award approximately 40 new fellowships in the summer of 2013. The fellowship provides up to $20.7 per year of academic support and $8.6 for internship support for a combined total of up to $50K over the life of the fellowship. The GRO program enhances and supports quality environmental education for undergraduates, and thereby encourages them to continue their education beyond the baccalaureate level, and pursue careers in environmentally-related fields, such as biology, health, the social sciences, and engineering. The actual amount awarded per year will vary depending on the amount of tuition and fees and the number of months the stipend is required. This fellowship is intended to help defray costs associated with environmentally-oriented study leading to a bachelor’s degree. Students must have at least a “B” average overall at the time of application submittal and during the tenure of the fellowship. Specific research areas of interest include: 1) Natural and Life Sciences; 2) Environmental Sciences and Interdisciplinary Programs; 3) Engineering; 4) Social Sciences; 5) Physical Sciences and Earth Sciences; and 6) Mathematics and Computer Science.
A National Student Design Competition for Sustainability Focusing on People, Prosperity & the Planet

Environmental Protection Agency


Contact: Cynthia Nolt-Helms, 703/347-8102, nolt-helms.cynthia@epa.gov

Solicitation number: CFDA 66.516

The U.S. EPA, as part of the P3-People, Prosperity and the Planet Award Program, is seeking applications proposing to research, develop, and design solutions to real world challenges involving the overall sustainability of human society. The P3 competition highlights the use of scientific principles in creating innovative projects focused on sustainability. The P3 Award program was developed to foster progress toward sustainability by achieving the mutual goals of economic prosperity, protection of the planet, and improved quality of life for its people-- people, prosperity, and the planet – the three pillars of sustainability. The EPA offers the P3 competition in order to respond to the technical needs of the world while moving towards the goal of sustainability. Up to $15K per Phase I grant including direct and indirect costs may be awarded. Proposals for Phase I grants must be for only one year. Proposals for Phase I grants requesting an award of more than $15K will not be considered. Upon the successful completion of Phase I, grant recipients will have the opportunity to apply for a P3 Phase II grant of up to $90K total for two years including direct and indirect costs.

Applicants should address one or more of the research areas listed below in their Phase I proposals. Note that each application must be submitted using a single Funding Opportunity Number (FON). 1) EPA-G2013-P3-Q1 – Energy; 2) EPA-G2013-P3-Q2 – Built Environment; 3) EPA-G2013-P3-Q3 – Materials and Chemicals; and 4) EPA-G2013-P3-Q4 – Water.

Development and Use of Adverse Outcome Pathways that Predict Adverse Developmental Neurotoxicity

Environmental Protection Agency

http://epa.gov/ncer/rfa/2012/2012_star_neurotox.html

Contact: Mitch Lasat, 703/347-8099, lasat.mitch@epa.gov

Solicitation number: EPA-G2012-STAR-F1

The U.S. EPA is seeking applications proposing research that will identify and/or provide a better understanding of adverse outcome pathways (AOPs) that lead to developmental neurotoxicity (DNT). Such research should advance the state of knowledge by linking key events along the continuum from exposure to adverse outcomes, including windows of susceptibility, and ultimately resulting in AOP-based data and models for chemical testing that will allow risk assessors to predict DNT. This solicitation seeks to support research that will: 1) develop and apply new data to characterize AOPs for DNT outcomes; 2) advance the state-of-knowledge on the key events that link exposure to adverse DNT outcomes; and 3) develop methodologies, tools, and models for incorporating research results into risk assessments. EPA is particularly interested in funding research projects that focus on endocrine signaling pathways that alter neurodevelopment, but will accept research proposals that address other AOPs. EPA intends to provide up to a total of $800K including direct and indirect costs, with a maximum duration of four years.

National Aeronautics and Space Administration (NASA)

Ongoing

C.23 Planetary Major Equipment

National Aeronautics and Space Administration

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

Contact: Jeffery 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.
**ROSES 2012 - In-Space Validation of Earth Science Technologies**

National Aeronautics and Space Administration

http://nspires.nasa.gov/external/solicitations/summary.do?method=init&s_cid=%7b2AA1C9F4-C00D-F003-BF4C-28A7344A13

Contact: Michael Pasciuto, 301/286-0006, Michael.P.Pasciuto@nasa.gov

Solicitation number: NNH12ZDA001N-INVEST

This program seeks to advance the readiness of existing Earth Science-related technology and reduce risks to future missions through space flight validation. This ESTO solicitation is focused on in-space, orbital technology validation only. Airborne, balloon or sounding rocket flight validations are expressly excluded. Selected technologies will only be those that require validation in space. Proposers are responsible to provide their own access to space. Proposals that require procurement of launch services from foreign suppliers will not be considered for funding. Only instrument subsystems or instruments that can make or advance the technology to enable relevant Earth science measurements will be accepted; components are specifically excluded from this call. Technologies must be ready for launch within two years after award. Once on-orbit, the maximum time for validation of the technology must be one year or less. The ESTO anticipates funding of approximately $3M to $4M per year for one to three proposals under the InVEST program. The period of performance must be between 12 and 36 months.

**Nancy Grace Roman Technology Fellowships in Astrophysics for Early Career Researchers**

National Aeronautics and Space Administration


Contact: Michael Moore, 202/358-2408, Michael.R.Moore@nasa.gov

Solicitation number: NNH11ZDA001N-RTF

The goals of this program are to give early career researchers the opportunity to develop the skills necessary to lead astrophysics flight instruments/projects and become principal investigators of future astrophysics missions; to develop innovative technologies that have the potential to enable major scientific breakthroughs; and to foster new talent by putting early-career instrument builders on a trajectory towards long-term positions. The RTF is structured into three components with specific gates for entering the next phase. Relevance will be judged on the basis of the proposed technology to advance one or more of the three Astrophysics science themes: Cosmic Origins, Exoplanet Exploration, and Physics of the Cosmos. NASA strongly encourages, but does not require, that the submitting institution contribute to the cost of the proposed project.

**Outer Planets Research**

National Aeronautics and Space Administration

http://nspires.nasa.gov/external/viewrepositorydocument/cmdocumentid=302036/solicitationId=%7BCD288643-0DC8-24ED

Contact: Terry Hurford, 202/358-0780, terry.a.hurford@nasa.gov

Solicitation number: NNH12ZDA001N-OPR

This program supports diverse scientific investigations that contribute to the understanding of the outer Solar System, including the giant planets, their satellites, and smaller solid bodies including comets, asteroids, and Kuiper Belt objects. The program includes both data analysis from NASA missions and fundamental research. Each proposal must describe a complete scientific investigation organized in terms of unresolved scientific questions to be addressed; objectives of the research; lines of inquiry, methodology, and analysis; and conclusions. The maximum duration of awards is five years.
Lunar Advanced Science and Exploration Research (LASER)

National Aeronautics and Space Administration


Contact: Robert Fogel, 202/358-2289, rfogel@nasa.gov

Solicitation number: NNH12ZDA001N-LASER

The LASER program funds basic and applied lunar science. The goal of the program is to support and enhance lunar basic science and lunar exploration science. It is the objective of the LASER program to conduct a suite of lunar science investigations spanning the continuum from basic science to applied exploration science. Proposals having significant components of both basic and applied lunar science that further our understanding of the Moon and how to conduct science there are sought and highly encouraged. The LASER program also welcomes the submission of "data restoration" proposals. The program seeks to identify science data archives that are considered of significant value to lunar science that are in need of restoration and digital archiving. NASA intends to commits $2.7M to 27 new awards. The maximum project period is four years.

National Endowment for the Arts (NEA)

NEA Literature Fellowships - Translation Projects

National Endowment for the Arts

http://www.arts.gov/grants/apply/LitTranslation/index.html

Contact: 202/682-5034, LitFellowships@arts.gov

Solicitation number: 2013NEA03LFTP

Through fellowships to published translators, the Arts Endowment supports projects for the translation of specific works of prose, poetry, or drama from other languages into English. NEA encourages translations of writers and of work that are not well represented in English translation. All proposed projects must be for creative translations of literary material into English. The work to be translated should be of interest for its literary excellence and value. Priority will be given to projects that involve work that has not previously been translated into English. Grants are for $12.5K or $25K. Award amounts are determined by the NEA.

National Endowment for the Humanities (NEH)

Sustaining Cultural Heritage Collections

National Endowment for the Humanities, Division of Preservation and Access


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

Solicitation number: 20121204-PF

This program helps cultural institutions meet the complex challenge of preserving large and diverse holdings of humanities materials for future generations by supporting preventive conservation measures that mitigate deterioration and prolong the useful life of collections. This program therefore helps cultural repositories plan and implement preservation strategies that pragmatically balance effectiveness, cost, and environmental impact. Projects should be designed to be as cost effective, energy efficient, and environmentally sensitive as possible, and they should aim to mitigate the greatest risks to collections rather than to meet prescriptive targets. This program offers two kinds of awards: grants for planning and for implementation. Planning grants of up to $40K will help an institution develop and assess preventive conservation strategies. Implementation grants of up to $350K will help an institution implement a preventive conservation project. Although cost sharing is not required, NEH is rarely able to support the full costs of projects approved for funding. In most cases, NEH Sustaining Cultural Heritage Collections grants cover no more than 80% of project costs for planning projects and 50% of project costs for implementation projects.
**Scholarly Editions and Translations**
National Endowment for the Humanities, Division of Research Programs
Contact: 202/606-8200, editions@neh.gov
Solicitation number: CFDA 45.161

These grants support the preparation of editions and translations of pre-existing texts and documents of value to the humanities that are currently inaccessible or available in inadequate editions. These grants support full-time or part-time activities for periods of a minimum of one year up to a maximum of three years. Projects must be undertaken by a team of at least one editor or translator and one other staff member. Grants typically support editions and translations of significant literary, philosophical, and historical materials, but other types of work, such as musical notation, are also eligible. Applicants should demonstrate familiarity with the best practices recommended by the Association for Documentary Editing or the Modern Language Association Committee on Scholarly Editions. Translation projects should also explain the approach adopted for the particular work to be translated. Editions and translations produced with NEH support contain scholarly and critical apparatus appropriate to the subject matter and format of the edition. This usually means introductions and annotations that provide essential information about the form, transmission, and historical and intellectual context of the texts and documents involved. Proposals for editions of foreign language materials in the original language are eligible for funding, as well as proposals for editions of translated materials. Awards are made for a minimum of one year up to a maximum of three years. Awards usually range from $50K to $100K per year. The use of federal matching funds is encouraged. Federal matching funds are released on a one-to-one basis when a grantee secures gift funds from eligible third parties.

**Collaborative Research Grants**
National Endowment for the Humanities, Division of Research Programs
Contact: 202/606-8200, collaborative@neh.gov
Solicitation number: CFDA 45.161

Collaborative Research Grants support interpretive humanities research undertaken by a team of two or more scholars, for full-time or part-time activities for periods of a minimum of one year up to a maximum of three years. Support is available for various combinations of scholars, consultants, and research assistants; project-related travel; field work; applications of information technology; and technical support and services. All grantees are expected to communicate the results of their work to the appropriate scholarly and public audiences. Eligible projects include: 1) research that significantly adds to knowledge and understanding of the humanities; 2) conferences on topics of major importance in the humanities that will benefit scholarly research; 3) archaeological projects that include the interpretation and communication of results (projects may encompass excavation, materials analysis, laboratory work, field reports, and preparation of interpretive monographs); and 4) research that uses the knowledge and perspectives of the humanities and historical or philosophical methods to enhance understanding of science, technology, medicine, and the social sciences. Awards are made for a minimum of one year up to a maximum of three years and normally range from $25K to $100K per year. The use of matching funds is encouraged.

**National Institutes of Health (NIH)**
Ongoing

**Research Supplements to Promote Re-Entry into Biomedical and Behavioral Research Careers**
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-08-191

This program is for administrative supplements to research grants to support individuals with high potential to re-enter an active research career after an interruption for family responsibilities or other qualifying circumstances. The purpose of these supplements is to encourage such individuals to re-enter research careers within the missions of all the program areas of NIH. This program will provide administrative supplements to existing NIH research grants for the purpose of supporting full-time or part-time research by these individuals to update their existing research skills and knowledge. The parent grant should have at least two years of support remaining at the time of the proposed beginning date of the supplemental funding. One to three years of supplemental support can be awarded under this program. Applications can be received at any time.
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.

Small Grants on Primary Immunodeficiency Diseases (R03)

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

Exploratory Cancer Prevention Studies Involving Molecular Targets for Bioactive Food Components (R21)

This FOA encourages exploratory research on the role of nutrition in cancer prevention. Specifically, this FOA seeks to promote cancer prevention research to identify and characterize molecular targets for bioactive food components. Direct costs are limited to $275K over a two-year period.

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

This FOA encourages applications focused on: identifying novel targets within the mTOR (mammalian target of rapamycin) signaling network, the manipulation of which has the potential to promote healthy aging; and identifying and characterizing dietary constituents that modulate the mTOR pathway and promote cancer prevention. Identification and characterization of targets can utilize a wide range of approaches, including medicinal chemistry, in vitro assays, and studies in lower organisms or mammalian models. Direct costs are limited to $275K over a two-year period, with no more than $200K allowed per year.
Small Research Grants for Data Analysis and Statistical Methodology Applied to Genome-wide Data (R03)
National Institutes of Health, National Institute of Dental and Craniofacial Research (NIDCR)
Contact: Emily Harris, 301/594-4846, emily.harris@nih.gov
Solicitation number: PAR-10-041
This FOA will support meritorious research projects that involve secondary data analyses or development of statistical methodology using existing genome-wide data, relevant to human dental or craniofacial conditions or traits. Development of statistical methodology appropriate for analyzing genome-wide data, relevant to human dental or craniofacial conditions or traits, may also be proposed. Budgets for a maximum of $300K direct costs over a two-year period may be requested.

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

NIDCR Small Grant Program for New Investigators (R03)
National Institutes of Health, National Institute of Dental and Craniofacial Research (NIDCR)
Contact: Varies with research interests
Solicitation number: PAR-10-275
This program supports basic and clinical research by scientists who are in the early stages of establishing an independent research career in oral, dental, and craniofacial research. This R03 grant mechanism supports pilot or feasibility studies and developmental research projects with the intention of obtaining sufficient preliminary data for a subsequent Investigator-initiated Research Project Grant (R01) application. A budget for direct costs of up to $150K over a two-year period may be requested.

Early Career Award in Chemistry of Drug Abuse and Addiction (ECHEM) (R21 & R33)
National Institutes of Health, National Institute on Drug Abuse (NIDA)
Contact: Rao Rapaka, 301/435-1304, rr82u@nih.gov
Solicitation number: PAS-10-274
NIDA invites Phased Innovation grant applications from new-to-NIH investigators into basic chemistry research applied to drug abuse and addiction. Awards will support milestone driven exploratory/feasibility “proof of concept” studies (R21), with possible rapid transition to expedited development (R33). Direct costs are limited to $250K over a R21 two-year period. The R33 award phase will be limited to $250K in direct costs per year.
Ethical, Legal, and Social Implications of Genomic Research Small Research Grant Program (R03)

National Institutes of Health, Cross-Institute


Contact:  Varies with research interest

Solicitation number:  PA-11-249

This FOA encourages Small Research Grant (R03) applications to study the ethical, legal and social implications (ELSI) of human genome research. These applications should be for small, self-contained research projects. Of particular interest are projects that propose focused legal, economic, philosophical or historical analyses of new or emerging issues. Application budgets are limited to no more than $50K in direct costs per year for up to two years. This FOA runs in parallel with FOAs of identical scientific scope: PA-11-250, which utilizes the R01 mechanism, and PA-11-251, which utilizes the R21 mechanism.

Psychosocial & Behavioral Interventions and Services Research in Autism Spectrum Disorders (R34)

National Institutes of Health, Cross-Institute


Contact:  Varies with research interest

Solicitation number:  PA-11-283

The purpose of this FOA is to facilitate exploratory research on psychosocial/behavioral treatments and innovative services research for autism spectrum disorders, including the development of instruments to evaluate the impact of interventions on core features of autism spectrum disorders, and comorbid symptomatology. It is intended to encourage research on: 1) the development and/or pilot testing of new or adapted interventions or instruments, 2) pilot testing novel interventions in preparation for larger efficacy trials, or 3) innovative services research directions that require preliminary testing or development. Direct costs are limited to $450K over a maximum project period of three years, with no more than $225K in direct costs allowed in any single year.

Pilot Studies in Pancreatic Cancer (R21)

National Institutes of Health, National Cancer Institute (NCI)


Contact:  Varies with research interest

Solicitation number:  PA-11-297

This FOA encourages the submission of Research Project Grant (R21) applications that propose to promote innovative research across multiple disciplines for a better understanding of the biology, etiology, detection, prevention, and treatment of pancreatic cancer. Direct costs are limited to $275K over a two-year project period. This FOA runs in parallel with a FOA of identical scientific scope, PA-11-298, which utilizes the R03 Small Grant Program mechanism.
### Scalable Assays for Unbiased In Vitro Analysis of Neurobiological Function (R21 & R33)

National Institutes of Health, Cross-Institute  

Contact: Varies with research interest  
Solicitation number: PAR-11-319

This FOA encourages research grant applications to develop novel, robust analytical platforms using in vitro assays to reveal changes in neuronal and/or glial function. The goal is to adapt state-of-the-art measures of basic cellular processes or molecular events that are key mediators of nervous system function with the intent to probe mechanisms and/or perturbations in an unbiased and efficient manner. The novel assay platforms would provide opportunities to measure neurobiological endpoints and build a pipeline to be used in the context of target identification and drug discovery. The R21 phase may not exceed $275K over a maximum of two years in direct costs, with no more than $200K in direct costs in any single year. Direct costs for the R33 phase must be less than $500K per year for up to two years.

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### Imaging - Science Track Award for Research Transition (I-START) [R03]

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

Contact: Steven Grant, 301/443-4877, sgrant@nida.nih.gov  
Solicitation number: PAR-12-066

This FOA encourages Small Research Grant (R03) applications to facilitate the entry of investigators to the area of neuroimaging, including both new investigators and established investigators seeking to adopt neuroimaging methodologies in their research programs. The R03 is intended to support small research projects that can be carried out in a short period of time with limited resources. Budgets for direct costs of up to $150K over a period of one year only may be requested.

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### Research on the Health of LGBTI Populations [R03]

National Institutes of Health, Cross-Institute  

Contact: Varies with research interest  
Solicitation number: PA-12-112

This FOA highlights the community of lesbian, gay, bisexual, transgender, intersex, and related populations. Basic, social, behavioral, clinical, and services research relevant to the missions of the sponsoring Institutes and Centers may be proposed. Application budgets are limited to $50K in direct costs per year for up to two years. This FOA runs in parallel with two FOAs of identical scientific scope, PA-12-111 that utilizes the R01 Research Project Grant mechanism, and PA-12-113 that utilizes the R21 Exploratory/Developmental Grant mechanism.

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### Research on the Health of LGBTI Populations (R21)

National Institutes of Health, Cross-Institute  

Contact: Varies with research interest  
Solicitation number: PA-12-113

This FOA highlights the community of lesbian, gay, bisexual, transgender, intersex, and related populations. Basic, social, behavioral, clinical, and services research relevant to the missions of the sponsoring Institutes and Centers may be proposed. Application budgets are limited to $275K in direct costs over the two-year period of the award. This FOA runs in parallel with two FOAs of identical scientific scope, PA-12-111 that utilizes the R01 Research Project Grant mechanism, and PA-12-112 that utilizes the R03 Small Grant Program mechanism.
NIOSH Small Research Program (R03)
National Institutes of Health, National Institute for Occupational Safety and Health (NIOSH)
Contact: Linda Frederick, 404/498-2557, ljf3@cdc.gov
Solicitation number: PAR-12-200
The purpose of this grant program is to develop an understanding of the risks and conditions associated with occupational diseases and injuries, to explore methods for reducing risks and for preventing or minimizing exposure to hazardous conditions in the workplace, and to translate significant scientific findings into prevention practices and products that will effectively reduce work-related illnesses and injuries. The combined budget for direct costs for the two-year project period may not exceed $100K. No more than $50K in direct costs may be requested in any single year.

NIOSH Exploratory/Developmental Grant Program (R21)
National Institutes of Health, National Institute for Occupational Safety and Health (NIOSH)
Contact: Linda Frederick, 404/498-2557, ljf3@cdc.gov
Solicitation number: PAR-12-252
The purpose of this grant program is to develop an understanding of the risks and conditions associated with occupational diseases and injuries, to explore methods for reducing risks and for preventing or minimizing exposure to hazardous conditions in the workplace, and to translate significant scientific findings into prevention practices and products that will effectively reduce work-related illnesses and injuries. The combined budget for direct costs for the two-year project period may not exceed $275K. No more than $200K in direct costs may be requested in any single year.

Basic Research on HIV Persistence (R21)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-12-162
The purpose of this FOA is to increase our understanding of persistent HIV-1 infection in patients under highly active anti-retroviral therapy (HAART). Support would be through soliciting Exploratory/Developmental Grant (R21) applications for hypothesis-driven basic research in HIV/AIDS that is focused on directly achieving this aim. The emphasis of this initiative is on the development of new ideas and approaches in HIV-1 persistence including model and assay development that may directly inform future studies on the design of therapeutic strategies to achieve long term remission without treatment or a complete eradication of residual virus and complete cure for HIV infection and AIDS. The combined budget for direct costs for the two-year project period may not exceed $275K. No more than $200K may be requested in any single year. This FOA runs in parallel with a FOA of identical scientific scope, PA-12-161, that utilizes the R01 Research Project Grant mechanism.
NCI Small Grants Program for Cancer Research (NCI Omnibus R03)
National Institutes of Health, National Cancer Institute (NCI)
http://grants.nih.gov/grants/guide/pa-files/PAR-12-144.html
Contact: Varies with research interest
Solicitation number: PAR-12-144
This FOA supports small research projects on cancer that can be carried out in a short period of time with limited resources. The R03 grant mechanism supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology. A budget for direct costs of up to $50K per year may be requested for up to two years. This FOA runs in parallel with a FOA of identical scientific scope, PAR-12-145, that utilizes the R21 Exploratory/Developmental Grant mechanism.

Pilot and Feasibility Studies in Preparation for Drug and Alcohol Abuse Prevention Trials (R34)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Varies with research interest
Solicitation number: PA-12-171
This FOA for R34 applications seeks to support: (a) pilot and/or feasibility testing of new, revised, or adapted preventive intervention approaches targeting the initiation of drug and alcohol use, the progression to abuse or dependence, and the acquisition or transmission of HIV infection among diverse populations and settings; and (b) pre-trial feasibility testing for prevention services and systems research. This R34 mechanism does not support the development of intervention protocols, manuals, or the standardization of protocols. It is expected that research conducted via this R34 mechanism will consist of early stage efficacy, effectiveness or services research that will provide intervention pilot and/or feasibility data that is a pre-requisite for submitting larger drug or alcohol abuse and/or drug- or alcohol-related HIV prevention intervention studies. Particularly highlighted are prevention interventions targeting the health care system. Applicants may request direct costs of up to $450K for a maximum period of three years.

Secondary Analyses in Obesity, Diabetes and Digestive and Kidney Diseases (R21)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-12-125
This FOA encourages R21 applications that propose to conduct secondary analysis of existing data sets relevant to diabetes and endocrine and metabolic diseases; digestive diseases and nutrition, including obesity and eating disorders; and kidney, urologic, and hematologic diseases. The goal of this program is to facilitate research that explores innovative hypotheses through the use of existing data sets. Direct costs are limited to $275K over an R21 two-year period, with no more than $200K in direct costs allowed in any single year.
Systems Science and Health in the Behavioral and Social Sciences (R21)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-11-315
This FOA encourages Research Project Grant (R21) applications from institutions/organizations that propose to develop basic and applied projects utilizing systems science methodologies relevant to human behavioral and social sciences and health. This FOA is intended to encourage a broader scope of topics to be addressed with systems science methodologies, beyond those encouraged by existing open FOAs. Research projects applicable to this FOA are those that are either applied or basic in nature (including methodological development), have a human behavioral and/or social science focus, and feature systems science methodologies. The direct costs for the two-year project period may not exceed $275K. No more than $200K may be requested in any single year. This FOA runs in parallel with a FOA of identical scientific scope, PAR-11-314, that utilizes the R01 Research Project Grant mechanism.

Unconventional Roles of Ethanol Metabolizing Enzymes, Metabolites, and Cofactors in Health and Disease (R01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Andras Orosz, 301/443-2193, orosza@mail.nih.gov
Solicitation number: PA-12-235
The purpose of this FOA is to provide support for integrated, innovative research on the novel and unconventional contributions of ethanol metabolizing pathways, their metabolites, cofactors, and interactions with synergizing biological pathways in the development of alcohol-induced diseases and end organ injuries. It is anticipated that this FOA will generate data that may lead to breakthroughs in our understanding of identifying key cellular and molecular components in the initiation, progression and maintenance of the diverse medical disorders caused by excessive, long term alcohol consumption. In the future this knowledge may be critical in the diagnosis, treatment and management of vulnerable patient population debilitated by the vast array of alcohol-induced pathologies and enable clinicians to improve disease outcomes and, consequently, public health. 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-12-234, that utilizes the R21 Exploratory/Developmental Grant.

Fatigability, Activity Limitations, and Bioenergetics in Aging (R03)
National Institutes of Health, National Institute on Aging (NIA)
Contact: Varies with research interest
Solicitation number: PA-12-226
This FOA invites applications proposing to 1) investigate the role of specific bioenergetic factors in increased fatigability, reduced activity, and diminished sense of well-being in older persons; 2) test the effects of interventions targeted at such factors on performance capabilities, functional status, and other outcomes that relate to quality of life; or 3) develop and evaluate measures of fatigability applicable for observational and/or interventional studies. The maximum project period is two years. The combined budget for direct costs for the two year project period may not exceed $100K with no more than $50K in direct costs in any single year. This FOA runs in parallel with FOAs of identical scientific scope: PA-12-225, that utilizes the R21 Exploratory/Developmental Research Grant Award, and PA-12-227, that utilizes the R01 Research Project Grant.
Physical Activity and Weight Control Interventions Among Cancer Survivors - Effects on Biomarkers of Prognosis

This FOA encourages transdisciplinary and translational research that will identify specific biological or biobehavioral pathways through which physical activity and/or weight control (either weight loss or avoidance of weight gain) may affect cancer prognosis and survival. Research applications must test the effects of physical activity or weight control or both interventions on biomarkers of cancer prognosis among cancer survivors identified by previous animal or observational research, which may include but are not limited to intervention-induced changes in sex hormones, insulin or insulin-like growth factors or their binding proteins, insulin resistance, glucose metabolism, leptin and other adipokines, immunologic or inflammatory factors, oxidative stress and DNA damage or repair capacity, angiogenesis, or prostaglandins. This research will require transdisciplinary approaches that bring together behavioral intervention expertise, cancer biology, and other basic and clinical science disciplines relevant to the pathways being studied. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-12-229, that utilizes the R21 Exploratory/Developmental Grant mechanism.

Development of Mathematical Cognition and Reasoning and the Prevention of Math Learning Disabilities (R03)

This FOA is intended to stimulate innovative, multidisciplinary research on the cognitive, neuroplasticity, genetic and environmental factors involved in math learning and learning disabilities. The overall objectives of this FOA include: 1) identify the critical (necessary and sufficient) biological, cognitive, and behavioral components and dynamic developmental sequence, including sensitive periods, necessary for the normal development of mathematical cognitive abilities and reasoning (e.g., counting, arithmetic, geometry, algebra), including early and normative milestones; 2) identify the biological, cognitive, environmental, and behavioral factors that contribute to and/or restrict the developmental plasticity of mathematical cognitive abilities, and may be used to improve prevention, identification, and classification of children with MLD (including theoretically-grounded approaches to identification and classification); 3) develop and test well-defined, evidence-based prevention interventions for populations at high risk for mathematics learning disability such as children raised in poverty, and those with predisposing genetic or medical conditions (e.g., velocardiofacial syndrome, deafness, and iatrogenic conditions such as chemotherapy-associated math learning deficits), where the intervention’s effectiveness (i.e., the efficacy under "real world" adoption conditions) can be shown to be both sustainable and generalizable; and 4) develop and test well-defined, evidence-based remediating or treatment interventions, the effectiveness of which can be demonstrated to be both sustainable and generalizable. Such foundational knowledge should ultimately improve math instruction, both for typically developing and math challenged or disabled children. Application budgets are limited to $50K in direct costs per year for a maximum of two years. This FOA runs in parallel with FOAs of identical scientific scope: PA-12-248, which utilizes the R01 Research Project Grant mechanism and PA-12-246, which utilizes the R21 Exploratory/Developmental Grant mechanism.
Behavioral Science Track Award for Rapid Transition (B/START) (R03)

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

Contact: Paul Schnur, 301/443-1887, pschnur@nida.nih.gov
Solicitation number: PAR-12-251

This FOA will use the NIH Small Research Grant (R03) award mechanism and seeks to facilitate the entry of beginning investigators into the field of behavioral science research related to drug abuse. To be appropriate for a B/START award, research must be primarily focused on behavioral processes and research questions. The project period is not to exceed one year and a budget for direct costs of up to three $25K modules, or $75K, may be requested.

Exploratory & Developmental Bioengineering Research Grants (EBRG) [R21]

National Institutes of Health, Cross-Institute

Contact: Varies with research interest
Solicitation number: PA-12-284

The purpose of this FOA is to encourage Exploratory/Developmental Bioengineering Research Grants (EBRG) applications which establish the feasibility of technologies, techniques or methods that: 1) explore a unique multidisciplinary approach to a biomedical challenge; 2) are high-risk but have a considerable pay-off; and 3) develop data which can lead to significant future research. An EBRG application may propose hypothesis-driven, discovery-driven, developmental, or design-directed research and is appropriate for evaluating unproven approaches for which there is minimal or no preliminary data. 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 a FOA of identical scientific scope, PAR-10-234, which utilizes the R01 Bioengineering Research Partnerships mechanism.

Revolutionary Genome Sequencing Technologies – The $1000 Genome (R01)

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

Contact: Jeffery Schloss, 301/496-7531, schlossj@exchange.nih.gov
Solicitation number: RFA-HG-10-012

The NHGRI solicits grant applications to develop novel technologies that will enable extremely low-cost, high quality DNA sequencing. The goal of this initiative is to reduce the cost of sequencing a mammalian-sized genome to approximately $1K. Applicants may propose to develop full-scale sequencing systems or to investigate challenges underlying key system components. Budgets for direct costs of up to $1.5M per year and a project duration of up to four years may be requested. This FOA will utilize the NIH Research Project Grant (R01) award mechanism and runs in parallel with FOAs of identical scientific scope, RFA-HG-10-013 and RFA-HG-10-014, which encourage applications under the R21 and R43/R44 mechanisms, respectively.
**2013 NIH Directors New Innovator Award Program (DP2)**

National Institutes of Health


Contact: Ravi Basavappa, 301/594-8190, newinnovator@nih.gov

Solicitation number: RFA-RM-12-016

The NIH Director’s New Innovator (DP2) Award initiative was created in 2007 to support a small number of early stage investigators of exceptional creativity who propose bold and highly innovative new research approaches that have the potential to produce a major impact on broad, important problems in biomedical and behavioral research. The NIH Director's New Innovator Award addresses two important goals: stimulating highly innovative research and supporting promising new investigators. New investigators may have exceptionally innovative research ideas, but not the preliminary data required to fare well in the traditional NIH peer review system. As part of NIH’s commitment to increasing opportunities for new scientists, it has created the NIH Director’s New Innovator Award to support exceptionally creative new investigators who propose highly innovative research projects that have the potential for unusually high impact. This award complements ongoing efforts by NIH and its institutes and centers to fund new investigators through R01 grants and other mechanisms. Awards will be for up to $300K in direct costs each year for up to five years, plus applicable Facilities and Administrative (F&A) costs to be determined at the time of award.

10/17/2012   Letter of Intent (optional)

11/14/2012   Application

**Time-Sensitive Obesity Policy and Program Evaluation (R01)**

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


Contact: Varies with research interest

Solicitation number: PAR-12-257

This FOA establishes an accelerated review/award process to support time-sensitive research to evaluate a new policy or program expected to influence obesity related behaviors (e.g., dietary intake, physical activity, or sedentary behavior) and/or weight outcomes in an effort to prevent or reduce obesity. This FOA is intended to support research where opportunities for empirical study are, by their very nature, only available through expedited review and funding. All applications to this FOA must demonstrate that the evaluation of an obesity related policy and/or program offers an uncommon and scientifically compelling research opportunity that will only be available if the research is initiated with minimum delay. The maximum project period is five years.

10/18/2012   Application

**Small Grants for Behavioral Research in Cancer Control (R03)**

National Institutes of Health, National Cancer Institute (NCI)


Contact: Gina Tesauro, 301/435-2836, gina.tesauro@nih.gov

Solicitation number: PAR-12-035

This FOA invites investigator-initiated Small Research Grant (R03) applications for research projects that can be carried out in a short period of time with limited resources in behavioral research in cancer prevention and control. This FOA is designed to enhance basic and applied behavioral sciences research in the context of cancer control, with a secondary goal of attracting new investigators to the field from a variety of biomedical, behavioral and public health disciplines. Proposed research projects would include pilot or feasibility studies, secondary analyses of existing data, and meta-analyses in the areas listed in the announcement. To be appropriate for this FOA, proposed research must be significantly applicable to cancer control research and address specific gaps in knowledge or methodologies. The maximum project period is two years.
Competing Revisions 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-13-003

The purpose of this FOA is to diversify and extend the scope and capabilities of currently funded NIGMS R01 and R37 projects for studies on macromolecular interactions and their relationship to function in cells. This FOA solicits competitive revisions (formerly called "competing supplements") of currently funded NIGMS grants specializing in the analysis of molecular systems and mechanisms in live organelles, cells, tissues, or organisms. Applicants may increase their budgets to extend the scientific scope of their projects or to add new approaches that enhance their capabilities for research on macromolecular interactions in cells. Collaboration is not a requirement of this initiative, but applicants may request support for collaboration (including subcontracts) with investigators who have complementary expertise. Support for access of modestly funded laboratories to experimental approaches and research objectives that are otherwise financially out of reach is one priority of this FOA. This FOA runs in parallel with other FOAs of identical scientific scope, RFA-GM-13-004, that utilizes the R01 Research Project Grant mechanism and, RFA-GM-13-005, which utilizes the U54 Specialized Center- Cooperative Agreements mechanism. The maximum award budget is $80K per year direct costs and the maximum award project period is until the end of the currently awarded parent project period. To qualify for a year of support, applications should be submitted at least 22 months before the end of project's last budget period.

Secondary Analyses and Archiving of Social and Behavioral Datasets in Aging (R03)
National Institutes of Health, National Institute on Aging (NIA)

Contact: Partha Bhattacharyya, 301/496-3131, bhattacharyyap@mail.nih.gov
Solicitation number: RFA-AG-13-004

The purpose of this FOA is to solicit one-year R03 applications for 1) secondary analysis of data on aging in the areas of psychology, behavioral genetics, economics, demography or 2) archiving and dissemination of data sets to enable secondary analyses in order to further advance research. Application budgets are limited to a maximum of $50K (two modules) in direct cost and need to reflect actual needs of the proposed project. The maximum project period is one year.

Comparative Physiological Studies of Aging (R03)
National Institutes of Health, National Institute on Aging (NIA)

Contact: Mahadev Murthy, 301/496-6402, mmurthy@mail.nih.gov
Solicitation number: RFA-AG-13-005

This FOA will support small research projects that exploit similarities and differences in critical cellular pathways that affect aging in vertebrate species. It is expected that this FOA will stimulate new approaches toward understanding the molecular bases for differences in lifespan and health span among species, with the ultimate goal of identifying targets amenable to intervention. Applicants are invited to submit innovative proposals using comparative approaches to explore the physiological pathways influencing aging and age-related changes across vertebrate species or across strains of a given species (ex. recombinant inbred mouse strains). Approaches of interest would include, but are not limited to, comparative studies on the function of individual components of the cellular/molecular pathways, identification of species/strain differences in downstream effectors of the pathways involved in health span, evaluation of the responsiveness of the components and pathways to upstream effectors, and identification of components of the pathways that can be modulated in nontoxic ways. Application budgets are limited to a maximum of $50K per year for a maximum project period of two years.
Development and Application of Systems Approaches for Analyzing the Impact of Genomic Variation on Tissue Tra

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


Contact: Patrick Bender, 301/443-6653, patrick.bender@nih.gov

Solicitation number: RFA-RM-12-019

This FOA invites applications for R01 awards for statistical analysis of Genotype-Tissue Expression (GTEx) data. The goal of the GTEx program is to develop a data and sample resource to study the relationship between genetic variation and gene expression across multiple human reference tissues. By 2016 the GTEx program is expected to include genetic variation information from approximately 900 post-mortem donors and gene expression measurements from over 20,000 tissues. GTEx will represent a large, rich, and unique resource. This FOA is to develop and apply statistical methods and systems approaches to make maximal use of this data. The primary interest driving the GTEx project is identification of genetic variation and its effects on the tissue transcriptome. Genetic variation can be based on SNP genotyping as well as copy number variants, small insertions/deletions, or epigenetic modifications. Examples of interest in this FOA are cis- and trans-acting variants in determining expression quantitative trait loci (eQTLs), tissue specific transcripts, identifying common transcripts in tissue clusters, and identifying allele-specific bias. In addition, novel approaches to examine other types of transcriptome effects are encouraged. Statistical methods based on single gene, regional chromosome architecture, gene-gene interactions, gene-networks, and broader systems approaches are also encouraged. The NIH intends to commit approximately $3.3M total cost in FY 2013 to fund up to 8 awards. The maximum project period is three years.

The NIH Centers for Accelerated Innovations (U54)

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


Contact: Kathleen Rousche, 301/496-2149, rouschek@mail.nih.gov

Solicitation number: RFA-HL-13-008

The NIH Centers for Accelerated Innovations (NCAI) will develop Centers that (1) solicit and select promising emerging technologies, such as therapeutics (e.g., drugs, biologics), preventatives, diagnostics, devices, tools, etc. and (2) facilitate their translation to commercialized products that improve patient care and enhance health. The NCAI will nurture the development of high priority early-stage technologies within the NHLBI’s mission in a manner consistent with business case development and regulatory requirements by providing (1) funding for product definition studies (e.g. feasibility studies, prototype development, or proof-of-concept studies), (2) unified and coordinated access to expertise in areas required for early technology development, including scientific, regulatory, reimbursement, business, legal, and project management, and (3) training and hands-on experience in entrepreneurism. Establishing public-private partnerships and providing non-federal funds will be critical for success. An applicant for a Center may request a project period of up to 7 years. The NHLBI’s maximum total budget for a Center is $24M for a 7-year funding period.
The Interplay of Substance Abuse and HIV-1 Infection on Glial Cell Function (R01)

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


Contact: Varies with research interest

Solicitation number: RFA-DA-13-010

This FOA solicits basic and pre-clinical research applications that study the combined and interactive effects of substance abuse and HIV-1 infection on glial cell biology. The goal of this FOA is to encourage research to determine the molecular and cellular consequences of substance abuse, HIV-1 infection, and their interactions on glial cells within the central nervous system (CNS). This FOA is particularly interested in applications that are likely to determine whether prior and concurrent substance abuse facilitates or exacerbates the consequences of HIV-1 infection on glial cell function. Therefore, investigators are strongly urged to utilize models of long-term or chronic drug exposure and to consider the consequences of drug-induced plasticity within the nervous system in employing appropriate research models for the study of the consequences between substance abuse and HIV-1 infection on glial cell biology. Given this model, study designs that determine additive or synergistic actions between substances of abuse and HIV-1 infection on glial cell function and biological processes, must consider the roles of host and viral factors generated in response to HIV-1 infection in the context of substance abuse and addictive behaviors. Application budgets are not to exceed $500K in direct costs per year, but should reflect the 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, RFA-DA-13-011, which utilizes the R21 Exploratory/Developmental Grant mechanism.

TaRGET I - Chromatin Structure, Genomics, and Transcriptional Responses to the Environment (R01)

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


Contact: Frederick Tyson, 919/541-0176, tyson2@niehs.nih.gov

Solicitation number: RFA-ES-12-008

In order to understand the mechanisms by which toxicants impact gene expression, it is necessary to better understand how exposure affects the proteins and processes upstream of DNA methylation and other epigenetic marks. The NIEHS has made a significant investment in research aimed at identifying epigenetic signatures of exposure, but the mechanistic studies aimed at identifying how these epigenetic marks are established are currently under-represented in our portfolio. The purpose of this FOA is to encourage research applications that will potentially move the field from descriptive and correlative studies to an enhanced mechanistic understanding of how environmental exposures affect the proteins and functional genomic elements involved in establishing and maintaining gene expression patterns and chromatin states. This FOA is intended to stimulate environmental health scientists to pursue mechanistic studies aimed at understanding the environmental control of epigenetic mechanisms, as well as to encourage researchers focused on more basic aspects of epigenetic and/or transcriptional regulation to consider the impact of environmental toxicants in these processes. These studies may be carried out using in vivo or in vitro systems. The following list includes processes involved in transcriptional regulation that are appropriate for support, but applications are not limited to these research foci: 1) Chromatin Accessibility; 2) Nucleosome Positions; 3) Chromatin Remodeling; 4) ncRNAs; and 5) Cis-regulatory Modules. Application budgets are limited to $400K in direct costs per year for a maximum of four years.
**Identification and Analysis of Causal Variants - Follow-Up on Genome-Wide Association Studies for Arthritis and M**

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


Contact: Varies with research interest

Solicitation number: PAR-12-230

This FOA encourages applications that are exploratory/developmental and highly innovative in nature, and aim to characterize the genetic variations in human genomic regions that have been putatively associated with complex diseases relevant to the NIAMS mission. The purpose is to accelerate the discovery of causal genes and variants that influence the risk for disease; and conduct follow-up studies of particular genetic variants to gain novel insights into the functions of these variants and the mechanisms by which they may contribute to disease. Genomic regions of interest are primarily those identified by genome-wide association studies (GWAS) although other types of evidence may also inform the rationale for a given study. These studies are essential for the translation of initial GWAS finding into biological insights, and ultimately important for improving our understanding of the molecular mechanisms of disease that could lead to predictive, diagnostic, and therapeutic advances. Direct costs are limited to $275K over an R21 two-year period, with no more than $200K in direct costs allowed in any single year. The maximum project period is two years. This FOA runs in parallel with a FOA of identical scientific scope, PAR-12-236, that utilizes the R01 Research Project Grant mechanism.

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**Dimensional Approaches to Research Classification in Psychiatric Disorders (R01)**

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


Contact: Michael Kozak, 301/443-6471, kozakm@mail.nih.gov

Solicitation number: RFA-MH-13-080

This FOA seeks research grant applications designed to develop innovative ways of understanding mental disorders through classifying patients in clinical studies on the basis of experimental research criteria rather than traditional diagnostic categories. This FOA stems from the NIMH Research Domain Criteria (RDoC) project that is intended to further a long-range goal of contributing to diagnostic systems as informed by research on genetics, neuroscience, and behavior. The purpose of this FOA is to encourage applications to study mechanisms that may cut across multiple traditional diagnostic categories. The NIMH intends to commit approximately $3M to fund 5-6 grants in response to this FOA. Application budgets are limited to $400K annual direct costs. The maximum project period is four years.

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**Biobehavioral Research Awards for Innovative New Scientists (BRAINS) (R01)**

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


Contact: Kathleen Anderson, 301/443-5944, kanders1@mail.nih.gov

Solicitation number: RFA-MH-13-110

This award is intended to support the research and research career development of outstanding scientists who are in the early, formative stages of their careers and who plan to make a long term career commitment to research in specific mission areas of the NIMH. This award seeks to assist these individuals in launching an innovative clinical, translational, basic or services research program that holds the potential to profoundly transform the understanding, diagnosis, treatment, or prevention of mental disorders. An applicant may request a budget for direct costs up to $1.625M with no more than $400K in direct costs for any single year. The maximum project period is five years.
Myalgic Encephalomyelitis & Chronic Fatigue Syndrome - Etiology, Diagnosis, Pathophysiology, and Treatment
National Institutes of Health
Contact: Varies with research interest
Solicitation number: PAR-12-032

This FOA encourages investigators-initiated applications that propose to examine the etiology, diagnosis, pathophysiology, and treatment of chronic fatigue syndrome (CFS), sometimes referred to as myalgic encephalomyelitis (ME), in diverse groups and across the lifespan. The NIH is particularly interested in funding interdisciplinary research that will enhance our knowledge of the disease process and provide evidence-based solutions to improve the diagnosis, treatment, and quality of life of all persons with ME/CFS. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PAR-12-033, which utilizes the R21 Exploratory/Developmental Grant mechanism.

Cooperative Research Agreements Related to the World Trade Center Health Program (U01)
National Institutes of Health
Contact: Travis Kubale, 513/841-4461, TKubale@cdc.gov
Solicitation number: PAR-12-126

The purpose of this FOA is to support research projects and epidemiologic studies to help answer critical questions about physical and mental health conditions related to the September 2001 terrorist attacks including: biomarkers of exposures or health outcomes; epidemiologic studies; exposure-response relationships; improvements in diagnosis and treatment; patterns of illness (age, gender, etc.); risk factors for disease; and other research studies on WTC-related health conditions or emerging conditions. The combined total budget may not exceed $4M, $1M, and $250K for a four-year project, a two-year project, and a one-year project, respectively. Allowable project periods are four years for a long-term project, two years for an intermediate-term project, and one year for a short-term project.

Bridges to the Baccalaureate Program - Limited Submission
National Institutes of Health, National Institute of General Medical Sciences (NIGMS)
Contact: Michael Hamlet, 301/594-3900, hamletm@mail.nih.gov
Solicitation number: PAR-12-277

This FOA encourages Research Education Grant (R25) applications from institutions that propose research education programs to increase the pool of community college students from underrepresented backgrounds who go on to research careers in the biomedical and behavioral sciences and will be available to participate in NIH-funded research. This initiative promotes partnerships/consortia between community colleges or other two-year post-secondary educational institutions granting the associate degree with colleges or universities that offer the baccalaureate degree. The program expects that the joint efforts of baccalaureate degree-granting and associate degree-granting institutions will foster the development of a well-integrated institutional program that will provide students with the necessary academic preparation and skills to enable their transition and successful completion of the baccalaureate and subsequently more advanced degrees in biomedical and behavioral sciences. Application budgets are not limited, but need to reflect actual needs of the proposed project. The maximum period is 5 years.
**Bridges to the Doctorate Program (R25) - Limited Submission**

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


Contact: Michelle Hamlet, 301/594-3900, hamletm@mail.nih.gov

Solicitation number: PAR-12-276

This FOA encourages Research Education Grant (R25) applications from institutions that propose to increase the pool of master’s degree students from underrepresented backgrounds who go on to research careers in the biomedical and behavioral sciences, and who are trained and available to participate in NIH-funded research. This initiative promotes partnerships/consortia between colleges or universities granting a terminal master’s degree with institutions that offer the doctorate degree. The program expects that the joint efforts of doctorate degree-granting and master’s degree-granting institutions will foster the development of a well-integrated institutional program that will provide students with the necessary academic preparation and skills to enable their transition and successful completion of the Ph.D. degree in biomedical and behavioral sciences. Application budgets are not limited, but need to reflect actual needs of the proposed project. The maximum period is five years.

**Human Heredity and Health in Africa (H3Africa) - Ethical, Legal, and Societal Issues (ELSI) Research Program (U01)**

National Institutes of Health, Cross-Institute


Contact: Ebony Bookman, 919/541-0367, ebony.bookman@nih.gov

Solicitation number: RFA-RM-12-005

This FOA encourages applications to study the ethical, legal and societal issues (ELSI) of human genome research in African populations. Of particular interest are projects that propose focused bioethical, legal, and social science analyses of new or emerging issues. These applications should be for small, self-contained research projects. This FOA is complementary to the H3Africa: Collaborative Centers (RFA-RM-11-008), the H3Africa: the Research Projects (RFA-RM-12-004), and H3Africa: Biorepository Grants (RFA-RM-12-003) FOAs that were released previously. NIH intends to fund 3-4 awards for three years each, corresponding to a total of approximately $162K total costs per year for each of three years, depending upon availability of funds.

**Prevention of HIV Transmission & Acquisition through a better understanding of Reproductive Health (R01)**

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


Contact: Patricia Reichelderfer, 301/435-6991, reichelp@mail.nih.gov

Solicitation number: RFA-HD-13-008

This FOA invites Research Project Grant (R01) applications to further our understanding of HIV acquisition/transmission by increasing our knowledge regarding the intersection between reproductive health and HIV prevention. The emphasis of the FOA is to encourage comprehensive behavioral-biomedical approaches that can lead to new insights in HIV prevention research. This FOA calls for a rethinking of science in the sexual HIV prevention area, by going back to the basics. “Basics” is not limited to basic science but to a more basic understanding of HIV prevention activities where they intersect with reproductive health. The initiative seeks to change the prevention effort from focusing on the discrete development of specific vaginal (or oral) formulation compounds, the sole purpose of which is to prevent HIV sexual transmission, towards looking at the complexities and interactions between HIV acquisition/transmission and reproductive biology and behavior. Due to the complexities involved in both HIV transmission and acquisition in association with reproduction from both the biomedical and behavioral aspects, the FOA is segmented into three general areas: 1) Behavioral studies in HIV-infected and at-risk men, women, and couples that may impact on HIV acquisition/transmission; 2) Biomedical-behavioral studies in reproductive biology that may impact on HIV acquisition/transmission; and 3) Basic science research on endogenous and exogenous hormones and their affect on HIV acquisition/transmission. Requested direct costs should be limited to $350K per budget year for a maximum of five years. This FOA runs in parallel with a FOA of identical scientific scope, RFA-HD-13-009, which utilizes the R03 Exploratory/Developmental Grant mechanism.
Research Infrastructure for Demographic and Behavioral Population Science (R24) - Limited Submission

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


Contact: Rebecca Clark, 301/496-1175, rclark@mail.nih.gov

Solicitation number: RFA-HD-13-007

This FOA solicits grant applications to provide research infrastructure support that will enhance the research capabilities of established population science centers doing research in areas within the mission of the NICHD Demographic and Behavioral Sciences Branch. This FOA allows for three types of research infrastructure support: (1) Research Support Cores; (2) Developmental Infrastructure Cores; and (3) Public Infrastructure Cores through three types of applications: (1) General Research Infrastructure applications, for population science research centers with accomplishments, capabilities, and plans in diverse areas of population science—three or more signature research themes; (2) Specialized Research Infrastructure applications, for population science research centers with accomplishments, capabilities, and plans in only a few areas of population science—one or two signature research themes; or (3) Public Infrastructure Only applications, for population science centers that request funding only for Public Infrastructure Core(s). Applicants for General and Specialized Center awards must have at least one active population scientist who has been funded by DBSB within the three most recently completed Federal fiscal years. NICHD expects requested direct costs to range from $100K to $700K with a maximum project period of five years.

Instrument Development for Biomedical Applications (R21)

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


Contact: Fred Friedman, 301/435-0775, ffriedma@mail.nih.gov

Solicitation number: RFA-GM-13-010

The National Center for Research Resources (NCRR) solicits innovative applications for the development of new or improved instrumentation for biomedical research. Projects should propose tools that can be used by a wide range of biomedical or clinical researchers, and not limited to a specific organ or disease. Examples of new tools and techniques that are responsive to this FOA include optical spectroscopy, mass spectrometry, electrophoresis and other separation techniques, microscopy, lasers and optics, X-ray tools, nuclear magnetic resonance spectroscopy, bioreactors, centrifugation, proteomics, genomic sequencing, functional genomics, comparative genomics, microarrays, and human sequence variation. This list is not exhaustive, but investigators with topics outside of these areas are strongly encouraged to contact program staff to ensure that their applications are responsive. Direct costs are limited to $125K per year for a maximum of three years.

NIDCD Small Grant Program (R03)

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


Contact: Bracie Watson, 301/402-3458, watsonb@nidcd.nih.gov

Solicitation number: PAR-10-055

This program is intended to support basic and clinical research of scientists who are beginning to establish an independent research career. The research must be focused on one or more of the areas within the mission of the NIDCD: hearing, balance/vestibular, smell, taste, voice, speech, or language. The R03 grant mechanism supports different types of projects including secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology. Applications may be submitted for up to $100K in direct costs per year for up to three years.
Basic Behavioral Research on Multisensory Processing (R21)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: RFA-EY-13-001
This FOA, issued as part of the NIH Basic Behavioral and Social Sciences Opportunity Network (OppNet), encourages research grant applications investigating multisensory processing in perception or other behavioral and social outcomes. The FOA is intended to support basic behavioral research projects focused on two or more sensory modalities. This includes research examining ways in which cognitive or affective processes interact with multisensory input to influence basic behavioral targets. While evidence suggests that sensory input is processed interactively instead of additively, research is less developed regarding how different modalities are integrated for perception and behavioral or social outcomes. The combined budget for direct costs for the two year project period may not exceed $275K.

Role of the Microflora in the Etiology of Gastro-Intestinal Cancer (R01)
National Institutes of Health, National Cancer Institute (NCI), National Institute on Alcohol Abuse and Alcoholism (NIAAA)
http://grants.nih.gov/grants/guide/pa-files/PAR-12-140.html
Contact: Varies with research interest
Solicitation number: PAR-12-140
This FOA encourages innovative multidisciplinary research projects that will advance our mechanistic understanding of microflora influences on Gastro-Intestinal (GI) carcinogenesis. This FOA seeks applications that leverage and integrate information from large, meta-omic data sets to guide studies that identify critical microbial activities that can be mechanistically linked to GI carcinogenesis. Applicants are encouraged to take advantage of existing methodologies and technologies developed by the microbiome and integrative cancer biology communities as well as other relevant technology sources, and to apply existing or new sophisticated data analysis, integration, and modeling methodologies to inform and guide hypothesis driven mechanistic studies on the role of the GI microflora during carcinogenesis. The common goal of the projects should be to understand how the resident microbes interact with the host and the host environment to prevent or enhance carcinogenesis in the GI tract. The maximum project period is five years.

Tobacco Control Regulatory Research (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-12-267
The purpose of this FOA is to encourage biomedical, behavioral, and social science research that will inform the development and evaluation of regulations on tobacco product manufacturing, distribution, and marketing. Research projects must address the research priorities related to the regulatory authority of the Food and Drug Administration (FDA) Center for Tobacco Products (CTP) as mandated by the Family Smoking Prevention and Tobacco Control Act (FSPTCA), Public Law 111-31. The awards under this FOA will be administered by NIH using designated funds from the FDA CTP for tobacco regulatory science. Research results from this FOA are expected to generate findings and data that are directly relevant to inform the FDA's regulation of the manufacture, distribution, and marketing of tobacco products to protect public health. 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: PAR-12-266, which utilizes the R21 Exploratory/Developmental Grant mechanism, and PAR-12-268, which utilizes the R03 Small Grant Program mechanism.
Specialized Alcohol Research Centers (P50)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Varies with research interest
Solicitation number: RFA-AA-12-002
The overall purpose of the NIAAA Alcohol Research Center program is to provide leadership in conducting and fostering interdisciplinary, collaborative research on a wide variety of topics relevant to the Institute’s mission. These topics include, but are not limited to: the nature, etiology, genetics, diagnosis, treatment, and prevention of alcohol use disorders and their biomedical, psychosocial, and economic consequences across the lifespan. Centers also are regional or national resources that contribute to the development of new research methods, technologies and approaches that sustain innovative goal-directed research. This FOA runs in parallel with a FOA of identical scientific scope, RFA-AA-13-002, Comprehensive Alcohol Research Centers (P60). Four new and/or renewal Center applications in response to both this FOA and companion FOA will be funded. A P50 Center may not exceed $1.8M in total costs per year for up to five years.

Strategic Alliances for Medications Development to Treat Substance Use Disorders (R01)
National Institutes of Health, National Institute on Drug Abuse (NIDA)
Contact: Jamie Biswas, 301/443-8096, jb168r@nih.gov
Solicitation number: PAS-12-122
The purpose of this FOA is to help leverage the strengths of two or more organizations toward a common goal of medications development. Project aims can range from the development of a new molecular entity to the expansion of an existing medications’ clinical indication(s), but each project should have a defined entry and exit point with the objective of advancement in the approval process. It is hoped that support for these collaborations will accelerate the rate of medications development for Substance Use Disorders. Budgets for direct costs may be up to $2M per year for a maximum of three years.

Global Partnerships for Social Science AIDS Research (R24)
National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)
Contact: Susan Newcomer, 301/435-6981, newcomes@mail.nih.gov
Solicitation number: RFA-HD-13-012
This reissued FOA calls for collaborative applications between institutions in the United States, or other developed countries, and research institutions in developing countries affected by the HIV/AIDS epidemic. The goal of this FOA is to strengthen the research infrastructure of local institutions in developing countries and provide support for a small portfolio of high impact social and/or behavioral science research on HIV/AIDS. Activities supported under this FOA should be led by local social and behavioral scientists in partnership with scientists from the United States and/or other developed countries. Research should address social and behavioral issues in the prevention, care, and/or treatment of HIV/AIDS. The research projects and enhanced research infrastructure support should be designed to foster the emergence of local scientists as recognized leaders in behavioral and social sciences research on HIV/AIDS. Allowable expenses and evaluation criteria are described in the document. Application budgets are not limited, but need to reflect actual needs of the proposed project. The maximum project period is five years.
**Molecular Mechanisms of Circadian Clocks in Aging Tissues (R01)**

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


Contact: Jose Velazquez, 301/496-6428, jvelazqu@mail.nih.gov

Solicitation number: RFA-AG-13-007

This FOA solicits grant applications from institutions/organizations that propose research to enhance the understanding of the molecular mechanisms that control circadian clocks in aging tissues. This FOA encourages studies on the roles of peripheral and extra suprachiasmatic nucleus (SCN) circadian clocks during aging. These studies include understanding the impact of alterations in the clock system on chromatin remodeling, gene expression, translation, signaling, and function of individual cells. In addition, studies are solicited on the pathophysiology of alterations to circadian clock regulation in aged tissues, with particular attention to the response of the clock system to metabolic/nutritional, environmental and pharmacological challenges. Application budgets need to reflect actual needs of the proposed project and should be modular with a maximum of $200K direct cost per year in any given year for up to five years.

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

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


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.

**The Role of Microbial Metabolites in Cancer Prevention and Etiology (U01)**

National Institutes of Health, National Cancer Institute (NCI), National Center for Complementary and Alternative Medicine (NCC)


Contact: Varies with research interest

Solicitation number: PAR-11-152

This FOA encourages grant applications that characterize the effects of microbially generated metabolites of dietary components on host cell biology. Specifically, this FOA seeks to characterize microbially generated metabolites and better understand their molecular mechanisms of action that affect host cell proliferative/apoptotic responses, cytokine production, inflammatory and immunomodulatory effects. All applications must include multiple principal investigators with different areas of expertise such as microbiology, nutrition, cancer biology, analytical chemistry, or genetics. Investigators may use either clinical or preclinical approaches. The maximum project period is five years.

**Collaborative Interdisciplinary Team Science in NIDDK Research Areas (R24)**

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


Contact: Varies with research interest

Solicitation number: PAR-11-221

These awards will foster the application of interdisciplinary, integrative and/or paradigm-shifting approaches to address complex challenges in biomedical research. This grant is designed to apply the flexibility of the Research Resource Project Grant mechanism (R24) to accommodate many forms of approaches including discovery-based or resource-generating and hypothesis-driven or hypothesis-generating science. Applications submitted must have budgets greater than or equal to $500K in direct costs per year for up to 10 years.
Basic social and behavioral research on culture, health, and wellbeing (R24)

National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: RFA-LM-12-002
There is a need for research that improves the conceptualization and measurement of culture and does this in the context of health and social and behavioral processes that influence health. This FOA will provide grants for infrastructure support to develop, strengthen, and evaluate transdisciplinary approaches and methods for basic behavioral and/or social research on the relationships among cultural practices/beliefs, health, and wellbeing. Application budgets are expected to range from $125K-$150K per year direct costs for a maximum of two years.

Small Grants Program for Cancer Epidemiology (R03)

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

Transgenerational Inheritance in Mammals After Environmental Exposure (TIME) (R01)

National Institutes of Health, National Institute of Environmental Health Sciences (NIEHS)
Contact: Lisa Helbling Chadwick, 850/727-7218, chadwickL@niehs.nih.gov
Solicitation number: RFA-ES-12-006
Applications suitable for this FOA include, but are not limited to, the following: 1) Investigate the mechanism(s) by which environmentally-induced phenotypes are transmitted from generation to generation; 2) Characterize strain-specific transgenerational responses and/or identify genetic factors that contribute to susceptibility to transgenerational inheritance; 3) Investigate the basis of sex differences in transmission of transgenerational phenotypes; 4) Define specific developmental windows of susceptibility prone to inducing transgenerationally-inherited phenotypes (prenatal or postnatal); 5) Examine the interaction between an environmental exposure and another stressor (e.g., stress, nutrition, drugs) in stimulating transgenerational responses; and 6) Characterize the suite of endpoints/diseases/dysfunctions in the F3 generation as a result of exposure to the F1 generation and compare to the suite of endpoints affected in the F1 generation. Direct costs are limited to $500K per year for a maximum of five years. This FOA runs in parallel with a FOA of identical scientific scope, RFA-ES-12-007, which utilizes the R21 Exploratory/Developmental Grant mechanism.
**NIBIB Biomedical Technology Resource Centers - Limited Submission**

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


Contact: Alan McLaughlin, 301/496-9321, mclaugal@mail.nih.gov

Solicitation number: PAR-10-153

This FOA encourages grant applications for Biomedical Technology Resource Centers (BTRC’s) that are funded using the P41 mechanism. BTRC’s conduct research and development on new technologies that are driven by the needs of basic, translational, and clinical researchers. BTRC’s also make their technologies available, train members of the research community in the use of the technologies, and disseminate these technologies broadly. Direct costs (excluding equipment) are limited to $700K per year for up to five years. Direct costs for equipment are limited to $500K for the duration of the project.

**NIAMS Small Grant Program for New Investigators (R03)**

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


Contact: Su-Yau Mao, 301/594-5032, maos2@mail.nih.gov

Solicitation number: PAR-12-045

NIAMS is seeking small grant (R03) applications to stimulate and facilitate the entry of promising new investigators into research on arthritis and musculoskeletal and skin diseases and injuries. This FOA will provide support for pilot research that is likely to lead to a subsequent individual research project grant (R01). Clinical trials of any phase will not be supported by this FOA.

**NIMH Research Education Programs for HIV AIDS Research (R25)**

National Institutes of Health


Contact: David Stoff, 301/443-4525, dstoff@mail.nih.gov

Solicitation number: PAR-11-002

This FOA encourages Research Education Grant applications that propose creative and innovative research education programs to facilitate the development of a cadre of investigators in appropriate scientific areas to fulfill the mental health relevant objectives as defined by the Office of AIDS Research (OAR) Annual Strategic Plan. The NIMH expects all programs to foster the participation of individuals from racial and ethnic groups underrepresented in biomedical and behavioral research, individuals with disabilities, individuals from disadvantaged backgrounds, and women. The direct costs are limited to $250K annually for a maximum project period of five years.

**Multidisciplinary Studies of HIV AIDS and Aging (R01)**

National Institutes of Health, Cross-Institute

[http://grants.nih.gov/grants/guide/paragraphs/PAR-12-175.html](http://grants.nih.gov/grants/guide/paragraphs/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.
Scientific Meetings for Creating Interdisciplinary Research Teams (R13)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-10-106
This FOA encourages applications from institutions and organizations that propose to develop interdisciplinary research teams. Teams must include investigators from the social and/or behavioral sciences, and may include the life and/or physical sciences. Support will be provided to conduct meetings that center around a central core of collaborators and that result in an integrated research agenda around a specific research question. Advance permission to submit an application must be requested no later than six weeks before the application submission date.

Pre-application for a Biomedical Technology Research Center (X02)
National Institutes of Health, National Center for Research Resources (NCRR)
Contact: Fred Friedman, 301/435-0755, FFriedma@mail.nih.gov
Solicitation number: PAR-10-224
This FOA encourages pre-applications for national Biomedical Technology Research Centers (BTRCs). These Centers conduct research and development on new technology and new/improved instruments driven by the needs of basic, translational, and clinical researchers. This FOA will utilize the X02 grant mechanism and runs in parallel with an FOA of similar scientific scope, PAR-10-225, that describes full applications under the P41 mechanism. Submitting an X02 pre-application is the first step when submitting a new BTRC application using the P41 mechanism. Those applicants whose pre-applications are identified as being highly meritorious will be notified of the opportunity to submit full applications under PAR-10-225.

Cancer Prevention Research Small Grant Program (R03)
National Institutes of Health, National Cancer Institute (NCI)
Contact: Varies with research interest
Solicitation number: PAR-11-079
The National Cancer Institute (NCI) invites applications that propose small and time-limited projects pertinent to the development of cancer chemoprevention agents, biomarkers for early cancer detection, cancer-related nutrition science, and/or clinical prevention studies that focus on specific target organs. Proposed projects may involve basic animal and/or translational research and/or human subjects-oriented research. New, as well as established, investigators in relevant fields and disciplines are encouraged to apply to test the feasibility of innovative ideas or carry out pilot studies. Ultimately, these small grants are expected to facilitate the development of full research projects grants.
Behavioral and Social Science Research on Understanding and Reducing Health Disparities (R01)

National Institutes of Health, Cross-Institute


Contact: Michael Spittel, 301/451-4286, Michael.Spittel@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.

NHLBI Systems Biology Collaborations (R01)

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


Contact: Pankaj Qasba, 301/435-0050, qasbap@nhlbi.nih.gov

Solicitation number: PAR-12-138

This FOA encourages Research Project Grant (R01) applications from institutions/organizations that propose collaborative systems biology research projects by multi-disciplinary teams to advance our understanding of normal physiology and perturbations associated with heart, lung, blood, and sleep (HLBS) diseases and disorders. Multi-disciplinary expertise across experimental and computational domains is required, and the multi-PI mechanism is allowed, as integration across these domains is a critical element of the proposed research plan. The maximum project period is five years.

Cutting-Edge Basic Research Awards (CEBRA) (R21)

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


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

Solicitation number: PAR-12-086

This award is designed to foster highly innovative or conceptually creative research related to drug abuse and addiction and how to prevent and treat them. It supports research that is high-risk and potentially high-impact that is underrepresented or not included in NIDA’s current portfolio. The proposed research should: 1) test a highly novel and significant hypothesis for which there are scant precedent or preliminary data and which, if confirmed, would have a substantial impact on current thinking; and/or 2) develop or adapt innovative techniques or methods for addiction research, or that have promising future applicability to drug abuse research. Direct costs are limited to $125K per year for up to two years.
Revisions for Early-Stage Development of Informatics Technology (R01)

National Institutes of Health, National Cancer Institute (NCI)


Contact: Varies with research interest

Solicitation number: PAR-12-286

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.

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 U24 Resource-Related Research Projects - Cooperative Agreements mechanism.
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.

Functional Assays to Screen Genomic Hits (R21 & R33)
National Institutes of Health, National Heart, Lung, and Blood Institute (NHLBI)
Contact: Varies with research interest
Solicitation number: RFA-HL-13-027
This FOA calls for development and implementation of functional analyses of identified genetic variations using inexpensive in vitro or animal model systems. The proposed model systems and functional assays, whether in vivo animal models or in vitro systems, should have proven relevance to the corresponding disease in humans. Approaches that are generalizable to multiple variants and diseases, as well as those that are customized for studying a particular variant and its associated phenotype, will be considered responsive to this FOA. Support for the R21 phase will be for two years. Direct costs are limited to $275K over an R21 two-year period, with no more than $150K in direct costs in any single year of the R21 phase. The R33 phase may not exceed three years and direct costs are limited to $1M with no more than $375K in direct cost in any single year of the R33 phase. Transition to the R33 phase is not automatic and, NHLBI anticipates that a maximum of sixty percent (60%) of the funded R21 phase awards will progress to the R33 award.
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 Institutes of Health, National Institute of Biomedical Imaging and Bioengineering (NIBIB)

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.

NIBIB Biomedical Technology Resource Centers (P41)
National Institutes of Health, National Institute of Biomedical Imaging and Bioengineering (NIBIB)

This FOA encourages grant applications for Biomedical Technology Resource Centers (BTRC’s) that are funded using the P41 mechanism. BTRC’s conduct research and development on new technologies that are driven by the needs of basic, translational, and clinical researchers. BTRC’s also make their technologies available, train members of the research community in the use of the technologies, and disseminate these technologies broadly. Direct costs (excluding equipment) are limited to $700K per year for up to five years. Direct costs for equipment are limited to $500K for the duration of the project.

NINDS Diversity Research Education Grants in Neuroscience (R25)
National Institutes of Health, National Institute of Neurological Disorders and Stroke (NINDS)

The purpose of this FOA is to invite applications for Diversity Research Education grants whose goals are to support the development and/or implementation of programs to: 1) increase the number of Ph.D.-level research scientists from diverse backgrounds including graduate, post-doctoral and/or junior-faculty career levels; and 2) advance the careers of the participants to the next step in their education. Funding support for the R25 Diversity Research Education Programs should lead to increased recruitment, mentoring, education and retention of researchers from diverse backgrounds in the neuroscience scientific workforce. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.
Short Courses on Mathematical, Statistical, and Computational Tools for Studying Biological Systems (R25)

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


Contact: Irene Eckstrand, 301/594-0943, eckstrai@mail.nih.gov

Solicitation number: PA-11-351

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.

Centers for Collaborative Research in Fragile X (U01)

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


Contact: Varies with research interest

Solicitation number: RFA-HD-13-004

This FOA solicits applications for Centers for Collaborative Research in Fragile X. Successful Centers will be composed of transdisciplinary teams of investigators working together to address specific scientific questions within targeted areas of research. The targeted areas of research are intended to address research gaps, drive discovery and further develop research relevant to Fragile X syndrome and (Fragile X Gene) (FMR1) Related Conditions. Targeted areas of research include: 1) Advancing the understanding of the pathophysiology of FMR1 Related Conditions; 2) Facilitating the Development of Treatments for FMR1 Related Conditions; and 3) Advancing the knowledge of clinical phenotypes for FMR1 Related Conditions. The Centers of Collaborative Research in Fragile X will be established using a linked U01 mechanism. Each Center will consist of 1) an administrative core and 2) three distinct but highly integrated research projects. Other shared resource cores may be proposed if appropriate to the project and goals of the proposed Center and if they fit within the budgetary constraints of the Center as a whole. Budgets for each Center (made up of linked U01 awards) may not exceed $1.3 million total costs per year. The maximum project period is five years.

Countermeasures Against Chemical Threats (CounterACT) Exploratory & Developmental Projects in Translational R

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-13-005

This FOA encourages applications for exploratory/developmental translational research on therapeutics for reducing mortality and morbidity caused by acute exposures to chemical threat agents. Categories of chemical threat agents that will be supported by the CounterACT Translational Research R21 program include: 1) Traditional Chemical Warfare Agents such as the organophosphorus nerve; 2) Toxic Industrial Chemicals such as cyanide, hydrogen sulfide, phosgene, and oleum; and 3) Toxic Agricultural Chemicals such as insecticides (e.g. aldicarb, chlorpyrifos, disulfoton) and rodenticides (e.g. sodium fluoroacetate, strychnine, and tetramine). Projects supported by this FOA are expected to generate preliminary preclinical, screening and efficacy data that would enable the development of competitive applications for more extensive support from the NIH CounterACT program (see www.ninds.nih.gov/counteract for a description) and other related translational research programs. Direct costs are limited to $250K per year. Applicants may request direct costs in $25K modules, up to the total direct costs limitation of $500K for the combined two-year award period.
Education Research in Sleep Health and Sleep-Circadian Biology (R25)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-11-098

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

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.

National Science Foundation (NSF)

Ongoing

Catalyzing New International Collaborations

National Science Foundation


Contact: Nancy Sung, 703/292-8710, OISE-CNIC@NSF.GOV

Solicitation number: NSF 12-573

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 accepted anytime at least nine months prior to the expected date of the proposed activity.

Ongoing

Earth Sciences Instrumentation and Facilities (EAR IF)

National Science Foundation, Geosciences (GEO)


Contact: Varies with research interest

Solicitation number: NSF 11-544

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

National Science Foundation, Cross-Directorate


Contact: Varies with research interest

Solicitation number: NSF 12-513

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

NSF-FDA Scholar-in-Residence at FDA

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


Contact: Leon Esterowitz, 703/292-7942, lesterow@nsf.gov

Solicitation number: NSF 10-533

This program comprises an interagency partnership for the investigation of scientific and engineering issues concerning emerging trends in medical device technology. This partnership is designed to enable investigators in science, engineering, and mathematics to develop research collaborations within the intramural research environment at the FDA. This solicitation features four flexible mechanisms for support of research at the FDA: 1) Faculty at FDA; 2) Graduate Student Fellowships; 3) Postdoctoral Fellowships; and 4) Undergraduate Student Research Experiences. Approximately three to ten awards will be given, with an estimated program budget of $500K.

International Collaboration in Chemistry between US Investigators and their Counterparts Abroad (ICC)

National Science Foundation, Mathematical and Physical Sciences (MPS)


Contact: Zeev Rosenzweig, 703/292-7719, zrosenzw@nsf.gov

Solicitation number: NSF 12-562

The program seeks new and highly innovative three-year collaborative projects that break new ground, make use of unique resources and capabilities in participating foreign countries and demonstrate a high level of synergy between the collaborating investigators. Formation of new collaborations is strongly encouraged. Proposed projects in the area of sustainable chemistry will have higher priority. The anticipated average award size is $420K for three years (total cost).

Arctic Research Opportunities

National Science Foundation, Office of Polar Programs


Contact: Varies with research interest

Solicitation number: NSF 10-597

The goal of the NSF Division of Arctic Sciences is to gain a better understanding of the Arctic's physical, biological, geological, chemical, social and cultural processes; the interactions of oceanic, terrestrial, atmospheric, biological, social, cultural, and economic systems; and the connections that define the Arctic. The Division of Arctic Sciences and other NSF programs support projects that contribute to the development of the next generation of researchers and scientific literacy for all ages through education, outreach, and broadening participation in science, technology, engineering, and mathematics. Program representatives from OPP and other non-OPP NSF programs that support arctic research coordinate across NSF, including joint review and funding of arctic proposals and mutual support of special projects with high logistical costs. Research opportunities are supported by the following programs: Arctic Natural Sciences Program (ANS); Arctic System Science Program (ARCSS); Arctic Social Sciences Program (ASSP); Arctic Observing Network (AON); and Cyberinfrastructure (ACI).
Advancing Digitization of Biodiversity Collections (ADBC) - Limited Submission

National Science Foundation


Contact: Varies with research interest, biodigit@nsf.gov

Solicitation number: NSF 12-565

This program seeks to enhance and expand the national resource of digital data documenting existing vouched biological and paleontological collections and to advance scientific knowledge by improving access to digitized information (including images) residing in vouched scientific collections across the United States. Proposals that address the goals of specimen digitization through innovative plans, strong collaborations among large and small institutions, and mechanisms to build upon existing digitization projects are strongly encouraged. Proposals that increase efficiency and numbers of specimens digitized will have a stronger priority for funding (e.g. by reducing the time and cost per specimen, or by developing new workflows). Thematic Collections Network (TCN) proposals will be submissions for two to four year awards to digitize existing specimens based on a particular research theme. This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.

CISE Computing Research Infrastructure (CRI)

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


Contact: Edwina Rissland, 703/292-8930, erisslan@nsf.gov

Solicitation number: NSF 11-536

CRI drives discovery and learning in the computing disciplines by supporting the creation, enhancement, and operation of world-class computing research infrastructure. The CRI program supports two classes of awards. Institutional Infrastructure (II) awards support the creation of new computing research infrastructure or the enhancement of existing computing research infrastructure and will be made in the $200K to $750K range. Community Infrastructure (CI) awards support the planning for computing research infrastructure, the creation of new computing infrastructure, or the enhancement of existing computing research infrastructure and will be made in the $500K to $1M range.

2012 Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP) - Limited Submission

National Science Foundation


Contact: Varies with research interest

Solicitation number: NSF 11-550

The Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP) seeks to increase the number of students receiving associate or baccalaureate degrees in established or emerging fields within science, technology, engineering, and mathematics (STEM). Type 1 proposals are solicited that provide for full implementation efforts at academic institutions. The goal of the project must be to increase the total graduation numbers of STEM students at the institution(s), and all STEP proposals must include specific numerical targets for these increases. Institutions enrolling more than 15,000 undergraduate students may request up to a total of $2M for five years. Type 2 proposals are solicited that support educational research projects on associate or baccalaureate degree attainment in STEM. Type 2 proposals are not limited. Grant duration for Type 2 awards is 1 to 4 years, and the request may be up to a total of $1.5M.

Special Type 1 Funding Focus on Retention in Engineering and Computer Science: In FY13, NSF especially encourages Type 1A or Type 1B projects that are committed to producing significant improvements in first and second year retention rates in engineering or computer science, under a special track (Graduate 10K+). This track is aimed at increasing the annual number of new B.S. graduates in engineering and computer science by 10,000. For more information see the Dear Colleague Letter: Graduating 10,000 New Engineers and Computer Scientists - A Partnership between the President’s Jobs Council and NSF (http://www.nsf.gov/pubs/2012/nsf12108/nsf12108.jsp).
**SBE Postdoctoral Research Fellowships (SPRF)**

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


Contact: Christina Jones, 703/292-2960, chjones@nsf.gov

Solicitation number: NSF 12-591

SBE offers Postdoctoral Research Fellowships in two tracks: 1) Broadening Participation (SPRF-BP) which aims to increase the diversity of researchers who participate in NSF programs in the social, behavioral and economic sciences and thereby increase the participation of scientists from under-represented groups in selected areas of science in the United States; and 2) Interdisciplinary Research in Behavioral and Social Sciences (SPRF-IBSS), which aims to support interdisciplinary training where at least one of the disciplinary components is an SBE science. Up to 15 total fellowships will be awarded with an anticipated budget of $3M per year contingent upon the quality of applications and availability of funds.

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**Science Support Office for the International Ocean Discovery Program (IODP) - Limited Submission**

National Science Foundation, Geosciences (GEO)


Contact: James Allan, 703/292-8144, jallan@nsf.gov

Solicitation number: NSF 12-611

The International Ocean Discovery Program (IODP) serves to advance basic research in the marine geosciences and will be supported by the National Science Foundation (NSF) and several international partners. This solicitation seeks to select a highly qualified organization to serve as the Support Office to support science planning in IODP between FY2014 and FY2019. Pending the outcome of a program review and the availability of funds, this cooperative agreement may be re-competed for renewed for an additional five years through 2023. This Support Office, funded through contributions to the U.S. Facility Governing Board to support JOIDES Resolution operations, is intended to have the following tasks: support of the Facility Governing Board Advisory Panels and associated meeting logistical support, manage and archive IODP Proposals and oversee their external review, oversight of the Site Survey Data Bank (SSDB), and maintenance of the IODP support website. The Support Office will handle drilling proposals for the JOIDES Resolution, Chikyu, and MSPs and may be utilized upon request by other platform providers. Anticipated funding amount is $500K - $750K.

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**Collaborative Research in Computational Neuroscience (CRNS)**

National Science Foundation, Cross-Directorate


Contact: Kenneth Whang, 703/292-5149, kwhang@nsf.gov

Solicitation number: NSF 11-505

Through the CRNS program, participating organizations of NSF, the National Institutes of Health, and the German Federal Ministry of Education and Research support collaborative activities that will advance the understanding of nervous system structure and function, mechanisms underlying nervous system disorders, and computational strategies used by the nervous system. Three classes of proposals will be considered in response to this solicitation: 1) Research Proposals describing collaborative research projects; 2) US-German Research Proposals describing international collaborative research projects to be funded in parallel by US and German agencies; and 3) Data Sharing Proposals to enable sharing of data and other resources.

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**NSF-EPSRC Chemistry Proposals 2012**

National Science Foundation

http://www.epsrc.ac.uk/SiteCollectionDocuments/Calls/2012/NSFEPSRCChemistryCall.pdf

Contact: Zeev Rosenzweig, 703/292-7719, zrosenzw@nsf.gov

Solicitation number:

Since 2007 EPSRC has collaborated with NSF, providing opportunities for US and UK investigators to jointly apply for funding, as it recognises the importance of international collaboration in promoting scientific discoveries and wishes to enhance opportunities for collaborative activities in chemistry between UK and US researchers. Through this initiative we seek new and highly innovative collaborative projects that break new ground, make use of unique resources and capabilities in participating countries and demonstrate a high level of synergy between the collaborating investigators. Formation of new collaborations is strongly encouraged.
East Asia and Pacific Summer Institutes for U.S. Graduate Students (EAPSI)

National Science Foundation, Office of International Science and Engineering (OISE)


Contact: Elena Hillenburg, 703/292-2993, oise-eapsi@nsf.gov

Solicitation number: NSF 12-498

NSF and selected foreign counterpart science and technology agencies sponsor international research institutes for US graduate students in seven East Asia and Pacific locations at times set by the counterpart agencies between June and August each year. These Summer Institutes (EAPSI) operate similarly and the research visits to a particular location take place at the same time. Although applicants apply individually to participate in a Summer Institute, awardees become part of the cohort for each location. Applicants must propose a location, host scientist, and a research project that is appropriate for the host site and duration of the international visit. An EAPSI award provides U.S. graduate students in science, engineering, and education: 1) first-hand research experiences in Australia, China, Japan, Korea, New Zealand, Singapore or Taiwan; 2) an introduction to the science, science policy, and scientific infrastructure of the respective location; and 3) an orientation to the society, culture and language. It is expected that EAPSI awards will help students initiate professional relationships to enable future collaboration with foreign counterparts. The NSF portion of the EAPSI award consists of several parts: a stipend of $5K, attendance at the pre-departure orientation, and round-trip transportation from the Fellow's home to the host location in the form of a non-refundable airline ticket on a U.S. flag carrier in accordance with GSA requirements and issued by the NSF travel contractor. The foreign counterparts provide in-country room and board and travel for research visits.

Innovative Technology Experiences for Students and Teachers (ITEST)

National Science Foundation, Education and Human Resources (EHR)


Contact: 703/292-8628, DRLTEST@nsf.gov

Solicitation number: NSF 12-597

ITEST supports the research and development of innovative models for engaging K-12 students in authentic experiences that build their capacity to participate in the science, technology, engineering, and mathematics (STEM) and information and communications technology (ICT) workforce of the future. ITEST projects must include students and may include teachers. The goals of the ITEST program are as follows: 1) To develop, implement, study, and evaluate interventions that encourage K-12 students to develop interest in and to be prepared for careers in the STEM and ICT workforce of the future; 2) To produce research findings that build knowledge about approaches, models, and interventions involving K-12-aged children and teachers that are most likely to increase the nation's capacity and innovation in the STEM and ICT workforce of the future; and 3) To equip teachers with the resources to ensure that their students consider choosing and are prepared to enter the STEM and ICT workforce of the future.

Materials World Network - Cooperative Activity in Materials Research between US Investigators and their Counterparts in Africa, Asia, and Europe

National Science Foundation, Mathematical and Physical Sciences (MPS)


Contact: Michael Scott, 703/292-4771, mjscott@nsf.gov

Solicitation number: NSF 12-593

This program supports collaborative activities between US investigators and their colleagues in Africa, Asia, and Europe. Proposals submitted to NSF in response to this solicitation must have clear relevance to research supported by the NSF Division of Materials Research (DMR), as they will be evaluated within the context of programmatic areas within DMR: condensed matter physics, solid state and materials chemistry, polymers, biomaterials, metals and metallic nanostructures, ceramics, electronic and photonic materials, and condensed matter and materials theory. Investigators are strongly advised to contact NSF staff in advance to ascertain that the research planned fits within the scope of the solicitation.
Continental Dynamics (CD)
National Science Foundation, Geosciences (GEO)
Contact: Leonard Johnson, 703/292-8559, lejohnso@nsf.gov
Solicitation number: NSF 04-512
The Division of Earth Sciences (EAR) will consider proposals for multidisciplinary research that focuses on an improved understanding of the processes governing the origin, structure, composition, and dynamical evolution of the continents and continental building blocks. The program is particularly oriented toward projects whose scope and complexity require a cooperative or multi-institutional approach and multi-year planning and execution. The intent of the program is to fund only relatively large projects that do not fit easily within other Earth Sciences programs and that have broad support of major sections of the Earth Science community.

Astronomy and Astrophysics Research Grants (AAG)
National Science Foundation, Mathematical and Physical Sciences (MPS)
Contact: Varies with research interest
Solicitation number: NSF 12-589
Approximately $40M is available for individual investigator and collaborative research grants for observational, theoretical, laboratory, and archival data studies in all areas of astronomy and astrophysics, including but not limited to the following areas of study: 1) Planetary Astronomy; 2) Stellar Astronomy and Astrophysics; 3) Galactic Astronomy; and 4) Extragalactic Astronomy.

Applied Mathematics
National Science Foundation
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5664
Contact: Varies with research interest
Solicitation number: PD 10-1266
The Applied Mathematics program supports mathematics research motivated by or having an effect on problems arising in science and engineering. Mathematical merit and novelty, as well as breadth and quality of impact on applications, are important factors. Proposals to develop critical mathematical techniques from individual investigators as well as interdisciplinary teams are encouraged.

Dynamics of Coupled Natural and Human Systems (CNH)
National Science Foundation, Cross-Directorate
Contact: Tom Baerwald, 703/292-7301, tbaerwal@nsf.gov
Solicitation number: NSF 10-612
This program promotes interdisciplinary analyses of relevant human and natural system processes and complex interactions among human and natural systems at diverse scales. CNH intends to support three types of activities: CNH Large Interdisciplinary Research Projects; CNH Interdisciplinary Team Exploratory Projects; and CNH Research Coordination Networks, with respective award amounts of $500K to $1.5M for two to five years, $150K to $250K for one to two years, and $250K to $500K for five years.
NSF Science, Engineering and Education for Sustainability Fellows (SEES)

National Science Foundation, Cross-Directorate

Contact: Varies with research interest
Solicitation number: NSF 12-601

Through the SEES Fellows Program, NSF seeks to advance science, engineering, and education to inform the societal actions needed for environmental and economic sustainability and human well-being while creating the necessary workforce to address these challenges. The Program's emphasis is to facilitate investigations that cross traditional disciplinary boundaries and address issues of sustainability through a systems approach, building bridges between academic inquiry, economic growth, and societal needs. The Fellow's proposed investigation must be interdisciplinary and allow him/her to obtain research experiences beyond his/her current core disciplinary expertise. Fellows are required to develop a research partnership(s) that will advance and broaden the impact/scope of the proposed research, and present a plan for their own professional development in the area of sustainability science and engineering.

11/26/2012 Full Proposal

Secure and Trustworthy Cyberspace (SaTC)

National Science Foundation, Cross-Directorate

Contact: Varies with research interest
Solicitation number: NSF 12-596

This program welcomes proposals that address Cybersecurity from a Trustworthy Computing Systems perspective (TWC); a Social, Behavioral and Economic Sciences perspective (SBE); and a Transition to Practice perspective (TPP). In addition, NSF welcome proposals that integrate research addressing two or more of these perspectives as well as proposals focusing entirely on Cybersecurity Education. Proposals may be submitted in one of the following three categories: 1) Small projects: up to $500K in total budget, with durations of up to three years; 2) Medium projects: $500K to $1.2M in total budget, with durations of up to four years; and 3) Frontier projects: $1.2M to $10M in total budget, with durations of up to five years. In addition, the SaTC program seeks proposals addressing Cybersecurity Education with total budgets limited to $300K and durations of up to two years. Cybersecurity education projects may not include any of the three perspectives named above. NSF anticipates approximately 5 Education awards, 51 Small awards, 12 Medium awards and 2 Frontier awards in FY13.

11/30/2012 Large Projects
12/17/2012 Small Projects
12/14/2012 Medium Projects
1/30/2013 Cybersecurity Education Projects

Information and Intelligent Systems (IIS) - Core Programs

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

Contact: Varies with research interest
Solicitation number: NSF 12-580

IIS supports research and education projects that develop new knowledge in three core programs: 1) The Human-Centered Computing program; 2) The Information Integration and Informatics program; and 3) The Robust Intelligence program. Proposers are invited to submit proposals in three project classes: 1) Small Projects have a maximum $500K total budget over up to three years; 2) Medium Projects have a maximum $1.2M total budget over up to four years; and 3) Large Projects have a maximum $3M total budget over up to five years.
Computing and Communication Foundations (CCF) - Core Programs
National Science Foundation, Computer and Information Sciences and Engineering (CISE)
Contact: Varies with research interest
Solicitation number: NSF 12-581
CCF supports research and education projects that develop new knowledge in three core programs: 1) The Algorithmic Foundations program; 2) The Communications and Information Foundations program; and 3) The Software and Hardware Foundations program. Proposers are invited to submit proposals in three project classes, which are defined as follows: 1) Small Projects have a maximum $500K total budget over up to three years; 2) Medium Projects have a maximum $1.2M total budget over up to four years; and 3) Large Projects have a maximum $3M total budget over up to five years.

Computer and Network Systems (CNS) - Core Programs
National Science Foundation, Computer and Information Sciences and Engineering (CISE)
Contact: Varies with research interest
Solicitation number: NSF 12-582
CNS supports research and education projects that develop new knowledge in two core programs: 1) Computer Systems Research (CSR) program; and 2) Networking Technology and Systems (NeTS) program. Proposers are invited to submit proposals in three project classes, which are defined as follows: 1) Small Projects have a maximum $500K total budget over up to three years; 2) Medium Projects have a maximum $1.2M total budget over up to four years; and 3) Large Projects have a maximum $3M total budget over up to five years.

International Collaborations in Organismal Biology Between US and Israeli Investigators (ICOB)
National Science Foundation
Contact: Michelle Elekonich, 703/292-7202, melekoni@nsf.gov
Solicitation number: NSF 12-577
NSF is partnering with the United States-Israel Binational Science Foundation (BSF) to support collaborative research between US and Israeli investigators in areas of biology. The goal is to predict why organisms are structured the way they are, and function as they do. Proposals are expected to include substantial collaborative activities between US and Israeli investigators. Proposers are strongly encouraged to develop joint activities that are syngergistic and have added value over and above individual activities. Projects that innovatively apply systems biology approaches, i.e. approaches that combine experimentation, computation, and modeling, and which lead to new conceptual and theoretical insights and predictions about integrated organismal properties that may be experimentally verified, are particularly encouraged. NSF intends to commit $2.5M to 10-40 awards.

Ocean Acidification (OA)
National Science Foundation, Cross-Directorate
Contact: Varies with research interest
Solicitation number: NSF 12-600
Basic research concerning the nature, extent, and impact of ocean acidification on oceanic environments in the past, present and future is required. Research challenges include: 1) understanding the geochemistry and biogeochemistry of ocean acidification; 2) understanding how ocean acidification interacts with biological and physical processes at the organismal level, and how such interactions impact the structure and function of ecosystems; and 3) understanding how the earth system history informs our understanding of the effects of ocean acidification on the present day and future ocean. Proposals may be of any size and duration as appropriate for the proposed project up to a maximum of four years duration and $2.5M.
**CISE-MPS Interdisciplinary Faculty Program in Quantum Information Science**

National Science Foundation, Computer and Information Sciences and Engineering (CISE), Mathematical and Physical Sciences (MPS)

Contact: Varies with research interest

Solicitation number: NSF 12-540

This program is designed to promote research in the area of Quantum Information Science (QIS) by providing resources to allow QIS researchers and researchers from the CISE or MPS disciplines to actively engage in joint research efforts, addressing problems at the interface between the mathematical and physical sciences and computer and information sciences through long-term visits by faculty to a host institution. NSF anticipates making three to four awards for each deadline. Awards are limited to $250K.

**Cyber-Enabled Sustainability Science and Engineering (CyberSEES)**

National Science Foundation, Cross-Directorate

Contact: Varies with research interest

Solicitation number: NSF 13-500

The CyberSEES program aims to advance interdisciplinary research in which the science and engineering of sustainability are enabled by new advances in computing, and where computational innovation is grounded in the context of sustainability problems. The CyberSEES program supports research and education projects on all sustainability topics in which advances in computing are integral, including: 1) the areas of optimization, modeling, simulation, prediction and inference; 2) large-scale data management and analytics; 3) advanced sensing techniques; 4) human computer interaction and social computing; 5) infrastructure design, control and management; and 6) intelligent systems and decision-making. Information technologies, computational solutions, and advances in cyberinfrastructure are essential to understanding the complex interactions and tradeoffs tied to immediate and emerging sustainability challenges in many critical areas, including climate change, natural resource depletion, loss of biodiversity, extreme events, energy, sustainable infrastructure, and human well-being on a resource-constrained planet. Additionally, the widespread, intensive use of computing technologies also introduces sustainability challenges and motivates new approaches across the lifecycle of technology design and use. The CyberSEES solicitation will support two types of proposals: 1) Type 1 proposals with total budgets (including indirect costs) not exceeding $300K over a period of two years. These are smaller proof-of-concept, capacity building, or exploratory research and education projects led by two or more investigators; and 2) Type 2 proposals with total budgets (including indirect costs) not exceeding $1.2M over a period of up to four years. These proposals are for integrative research and education projects, suitable for collaborative teams led by two or more investigators.

**Geophysics (PH)**

National Science Foundation, Geosciences (GEO)

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

Solicitation number: NSF 12-598

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

Hydrologic Sciences focuses on the flow of water and transport processes within streams, soils, and aquifers. Particular attention is given to spatial and temporal heterogeneity of fluxes and storages of water, particles, and chemicals coupling across interfaces with the landscape, microbial communities, and coastal environments to upscaling and downscaling given these heterogeneities and interfaces and how these processes are altered by climate and land use changes.

Contact: Thomas Torgersen, 703/292-8549, ttorgers@nsf.gov

Solicitation number: NSF 09-538

ECology and Evolution of Infectious Diseases (EEID)

This program supports research on the ecological, evolutionary, and socio-ecological principles and processes that regulate the transmission dynamics of infectious diseases. The program's focus is on both the discovery, and the building and testing models that elucidate these principles and processes. Research proposals should focus on understanding the determinants of transmission of diseases to humans, non-human animals, or plants; the spread of pathogens by environmental factors, vectors or abiotic agents; the population dynamics and genetics of reservoir species or alternate hosts; or the cultural, social, behavioral, and economic dimensions of disease transmission. EEID projects must have a minimum budget of $1M. The maximum award size is $2.5M over a project period of up to five years.
National Robotics Initiative (NRI)

The goal of the National Robotics Initiative is to accelerate the development and use of robots that work beside, or cooperatively with, people. Innovative robotics research and applications emphasizing the realization of such co-robots acting in direct support of and in a symbiotic relationship with human partners is supported by the National Science Foundation, NASA, the National Institutes of Health, and the U.S. Department of Agriculture. The purpose of this program is the development of this next generation of robotics, to advance the capability and usability of such systems and artifacts, and to encourage existing and new communities to focus on innovative application areas. It will address the entire life cycle from fundamental research and development to industry manufacturing and deployment. Methods for the establishment and infusion of robotics in educational curricula and research to gain a better understanding of the long term social, behavioral and economic implications of co-robots across all areas of human activity are important parts of this initiative. Collaboration between academic, industry, non-profit and other organizations is strongly encouraged to establish better linkages between fundamental science and technology development, deployment and use. Two classes of proposals will be considered in response to this solicitation: 1) Small projects of one or more investigators spanning 1 to 5 years; and 2) Large projects of Multi-disciplinary teams spanning 1 to 5 years.

Cyberlearning: Transforming Education

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.

Math and Science Partnership (MSP)

This program is a major research and development effort that supports innovative partnerships to improve K-12 student achievement in mathematics and science. MSP projects are expected to raise the achievement levels of all students and significantly reduce achievement gaps in the STEM performance of diverse student populations. NSF seeks to support two levels of Targeted Partnership awards, Implementation and Prototype. Implementation awards are intended to develop and put into practice innovative approaches and strategies in education. Prototype awards explore potentially innovative approaches and strategies in education.
Transforming Undergraduate Education in Science, Technology, Engineering and Mathematics (TUES)

National Science Foundation, Education and Human Resources (EHR)


Contact: Varies with research interest
Solicitation number: NSF 10-544

The TUES program seeks to improve the quality of STEM education for all undergraduate students by funding projects that create, adapt, and disseminate new learning materials and teaching strategies. The program is accepting proposals for awards at three levels of support, designated Type 1, Type 2, and Type 3, as well as for awards that support the work of the program itself. The types reflect a combination of the scale, scope, and stage of the proposed work. The budgets for Type 1, Type 2, Type 3, and TUES Central Resource projects are not to exceed $200K for two to three years, $600K for two to four years, $5M over five years, and $3M respectively.

Private/Nonprofit Agencies

Surdna Foundation Grants

Surdna Foundation

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

Contact: 212/557-0010, questions@surdna.org
Solicitation number:

The Surdna Foundation fosters just and sustainable communities by making grants in the areas of: Sustainable Environments, with the goal of creating just and sustainable communities where consumption and conservation are balanced and innovative solutions to environmental problems improve people’s lives; Strong Local Economies, with the objective of providing early support for communities that seek to increase access to opportunity for all residents to build their wealth in a sustainable manner; and Thriving Cultures, with the purpose of strengthening both individual and institutional cultural assets, contributing to vibrant communities. Organizations are eligible for a maximum of three consecutive years of funding. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Smith Richardson Foundation Grants

Smith Richardson Foundation

http://www.srf.org/grants/guideline.php

Contact: Varies with research interest
Solicitation number:

The two principal grant-making programs are: the International Security and Foreign Policy Program, with the objective of assisting the U.S. policy community in developing effective national security strategies and foreign policies, and the Domestic Public Policy Program, which supports projects that will help the public and policy makers understand and address critical challenges facing the United States. Requests for grants of $50K or less are reviewed on an ongoing basis. Requests for grants greater than $50K and for multi-year grant support are made at regular board meetings. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

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.
Ongoing

**Asia Responsive Grants**

Henry Luce Foundation

[http://www.hluce.org/asiarespongrant.aspx](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.

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Ongoing

**PepsiCo Grants**

Pfizer Inc.

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

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Ongoing

**Mellon Foundation Grants**

The Andrew W. Mellon Foundation

[http://www.mellon.org/grant_programs/programs](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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Ongoing

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

Uniting Against Lung Cancer (UALC)

[http://www07.grants.gov/search/search.do;jsessionid=QYSqQTmBXPVT8p8pJKcYB0HVChvDtXkJVX8jI8dQLTvRQpM5LdL-52251](http://www07.grants.gov/search/search.do;jsessionid=QYSqQTmBXPVT8p8pJKcYB0HVChvDtXkJVX8jI8dQLTvRQpM5LdL-52251)

Contact: Varies with research interest

Solicitation number: BAA-AFOSR-2012-0001

AFOSR supports basic research in three scientific areas: Aerospace, Chemical and Material Sciences; Physics and Electronics; and Mathematics, Information and Life Sciences. AFOSR is seeking unclassified white papers and proposals for fundamental research. Awards average $150K per year and may be proposed for up to five years. Proposals may be submitted at any time, though it is recommended to contact the appropriate program manager prior to submission. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
National Geographic Society Waitt Grants

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.

Public Welfare Grants

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.

Committee for Research and Exploration Grant

The National Geographic Society awards grants for scientific field research and exploration with both a geographical dimension and relevance to other scientific fields. Applications are generally limited to the following disciplines: anthropology, archaeology, astronomy, biology, botany, geography, geology, oceanography, paleontology, and zoology. The committee is emphasizing multidisciplinary projects that address environmental issues. Most grant amounts range from $15K to $20K and are given for one year’s research. Approximately 250 grants are awarded per year. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

FSSS Grants-in-Aid Program

The Foundation for the Scientific Study of Sexuality (FSSS) 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.
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.

Waitt Foundation Grants
Waitt Foundation
http://waittfoundation.org/grant-guidelines
Contact: 858/551-4400
Solicitation number:
The Waitt Foundation supports research with the potential for widespread benefit to humanity. Areas of interest are: Ocean Conservation; Scientific Innovation; Exploration and Discovery; and Community Building. In each of these areas, the Foundation looks for strategies to create tangible, measurable benefits. Of interest are proposals that test new approaches to problem-solving, as well as projects that have been successfully tested and are ready to go full scale. If a preliminary grant request falls within the current giving guidelines and initiatives, an invitation may be extended to submit a full grant proposal. There is a $100K minimum for all grant requests. Multi-year proposals will be considered. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Michelson Grants in Reproductive Biology
Found Animals Foundation
http://michelson.foundanimals.org/michelson-grants
Contact: MichelsonPrize@foundanimals.org
Solicitation number:
Multiple multi-year grants are available for research in pursuit of non-surgical sterilization products or technologies for use on dogs and cats. Investigators are required to submit a brief letter of intent containing: a proposed approach for developing a single dose non-surgical sterilant; the rationale for proposing this approach; and an overview of required research. The Foundation recommends that work described in proposals not exceed three years’ duration and $250K per year. If the letter of intent is approved, investigators will be invited to submit a full grant application. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Energy Foundation Grants
The Energy Foundation
http://www.ef.org/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.
Arts & Culture Program
The Nathan Cummings Foundation
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.

Lumina Grants
Lumina Foundation
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.

Lannan Foundation Grants
Lannan Foundation
http://www.lannan.org/lf/about/grant-guidelines/
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**

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.

**Pollock-Krasner Grants**

The Pollock-Krasner Foundation, Inc.

http://www.pkf.org/grant.html

Contact: http://www.pkf.org/contact.html

Solicitation number:

The dual criteria for grants are recognizable artistic merit and demonstrable financial need, whether professional, personal or both. The Foundation's mission is to aid, internationally, those individuals who have worked as professional artists over a significant period of time. The Foundation welcomes, throughout the year, applications from visual artists who are painters, sculptors and artists who work on paper, including printmakers. There are no deadlines. Grants are intended for a one-year period of time. The size of the grant is determined by the individual circumstances of the artist. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
Funding for Readings and Workshops

Poets & Writers provides fees to writers who give readings or conduct writing workshops. Each year, our Readings/Workshops program supports hundreds of writers participating in events in large cities and small towns throughout New York and California. Grants for readings or spoken word performances range from $50 to $350. Grants for workshops range from $100 to $200 per session. Applicants are encouraged to apply more than eight weeks in advance of the event. Grants are awarded on a rolling basis. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Mott Foundation Grants

The Charles Stewart Mott Foundation 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 Union 7th Framework Program for Research

The 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.

Swiss International Short Visits

Swiss National Science Foundation

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.

Basic Research Initiative (BRI)
Uniting Against Lung Cancer (UALC)
http://www.grants.gov/search/search.do?mode=VIEW&opplId=129053
Contact: Varies with research interest
Solicitation number: BAA-AFOSR-2012-02
The AFOSR solicits projects that explore the following themes: Reliance Optimization for Autonomous Systems; Origami Design for the Integration of Self-assembling Systems for Engineering Innovation; Microresonator-Based Optical Frequency Combs; Active, Functional Nanoscale Oxides; Ultracold and Strongly Coupled Plasmas; New Optimization and Computational Paradigms for Design under Uncertainty of Complex Engineering Systems; and Bio-Nanocombinatorics. Awards average $150K per year and may be proposed for up to five years. White papers are strongly encouraged prior to submitting a full proposal. Proposals may be submitted at any time. 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


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

Solicitation number:

HCFO supports research, policy analysis and evaluation projects that provide policy leaders timely information on health care policy, financing and organization issues. Supported projects include: examining significant issues and interventions related to health care financing and organization and their effects on health care costs, quality and access; and exploring or testing major new ways to finance and organize health care that have the potential to improve access to more affordable and higher quality health services. Small grants are for projects requiring $100K or less and projected to take up to 12 months or less. Large grants for projects requiring more than $100K and/or projected to take longer than 12 months. Proposals may be submitted at any time, and grants are awarded on a rolling basis. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Brain and Behavior Research Grants

Brain & Behavior Research Foundation

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

Contact: grants@bbrfoundation.org

Solicitation number:

These grants are awarded to basic and/or clinical investigators. The NARSAD Young Investigator Grant supports scientists at the advanced post-doctoral or assistant professor (or equivalent) level. Grants are up to $60K over a two-year period, or $30K per year. The NARSAD Independent Investigator Grant supports scientists at the associate professor (or equivalent) level. Grants are up to $100K over a two-year period, or $50K per year. The NARSAD Distinguished Investigator Grant supports scientists at the full professor (or equivalent) level. Grants are up to $100K for one year. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

National Wildlife Refuge Friends Grant Program

National Fish and Wildlife Foundation

http://www.nfwf.org/AM/Template.cfm?Section=Charter_Programs_List&TEMPLATE=/CM/ContentDisplay.cfm&CONTENTID=25

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.
CASIS Unsolicited Proposals
Center for the Advancement of Science in Space
http://www.iss-casis.org/Opportunities/UnsolicitedProposals.aspx

Contact: ideas@iss-casis.org

Solicitation number:

The International Space Station U.S. National Laboratory supports investigations across a broad spectrum of basic and applied research. As manager of this research platform, CASIS regularly provides solicitation opportunities in the life, physical, materials and observational sciences. However, CASIS also welcomes unsolicited proposals for research and product development that might be suitable for the National Lab. The CASIS mission is to fully utilize the National Lab, enabling cutting-edge research on station from every corner of the country. CASIS evaluates unsolicited proposals on a regular basis for scientific and economic merit and potential impact. If you have not yet secured funding for your proposed project, please note that proposals receiving high evaluation scores from this review may qualify for funding assistance from our implementation partners, and CASIS may facilitate matching of funds. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Thriving Cultures Program
Surdna Foundation
http://www.surdna.org/what-we-fund/thriving-cultures.html

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

Solicitation number:

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

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.
Robert Wood Johnson Foundation Scholars in Health Policy Research

Robert Wood Johnson Foundation

http://www.rwjf.org/applications/solicited/cfp.jsp?ID=21405&cid=XEM_A6216

Contact: 617/353-9220, rwfj@bu.edu

Solicitation number:

This program develops and supports a new generation of creative health policy thinkers and researchers within the disciplines of economics, political science, and sociology. Each year the program selects up to nine highly qualified individuals for two-year fellowships at one of three nationally prominent universities with the expectation that they will make important research contributions to future U.S. health policy. Scholars will receive stipends of $89K each year from the Robert Wood Johnson Foundation. Recent graduates of doctoral programs in economics, political science and sociology, including junior faculty, are invited to apply. Applicants must have received a doctoral degree after January 1, 2008, but no later than July 2013. For those expecting to receive degrees in 2013, all degree requirements must be completed by July 15, 2013. 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.

Materials Testing in the Extreme Environment of Space

Center for the Advancement of Science in Space

http://www.iss-casis.org/Portals/0/docs/RFP_MaterialsScience.pdf

Contact: info@iss-casis.org

Solicitation number: CASIS 2012-2

The extreme conditions of the space environment are demonstrably hostile to many materials. Many specific conditions are made accessible by the space station’s position in low Earth orbit: 1) Atomic oxygen, the most prevalent atomic species encountered in low earth orbit, is highly reactive with plastics and some metals, causing severe erosion; 2) Outside the Earth’s atmospheric filter, extreme ultraviolet radiation deteriorates and darkens many plastics and coatings; 3) The vacuum of the space environment alters the physical properties of many materials; and 4) Impact of meteoroids and orbiting man-made debris can damage materials exposed in space. On Earth, it may be possible to subject a material to one of these conditions at a time, but the combined effects of these conditions can be investigated only in space. Moreover, while Earth-based experiments are often conducted under artificial conditions to provide simulated extreme operational conditions, space is the ultimate test condition—simultaneous exposure to multiple environmental extremes—providing a mechanism for rapid failure mode analysis. Proposals should seek to exploit the space environment for testing of materials and devices. It is expected that applications will utilize the NanoRacks External Platform for development or testing of advanced sensors, electronics or materials that have commercial applications on Earth. CASIS will award grant funding of up to $200K per proposal to qualified proposals to cover the proposer’s costs. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Research Associateship Programs

National Academy of Sciences

http://sites.nationalacademies.org/PGA/RAP/PGA_050491

Contact: 202/334-2760, rap@nas.edu

Solicitation number:

The National Research Council provides Research Associateships at participating federal laboratories and research organizations to outstanding scientists and engineers at the postdoctoral and senior level. Applicants select an appropriate laboratory and submit a research plan that relates to the specific opportunity at the sponsoring lab. Selected associates receive a stipend and usually spend a year as a guest investigator. Note that not all sponsors participate in all four review deadlines. Applicants should refer to the specific information for the laboratory to which they are applying. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
**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.

**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.

**Pew Scholars Program in the Biomedical Sciences 2012 - Limited Submission**

The Pew Charitable Trusts

http://www.pewtrusts.org/our_work_category.aspx?id=194

Contact: Anita Pepper, 215/531-8135

**Solicitation number:**

The Pew Scholars Program in the Biomedical Sciences provides funding to young investigators of outstanding promise in science relevant to the advancement of human health. The funds may be used, at the discretion of the Pew Scholar, for personnel, equipment, supplies, or travel directly related to the Scholar’s research as to best advance their research and career. Pew Scholars may not simultaneously be supported by similar private foundation awards in excess of $50K a year for the first two years of their Pew support. The current grant level is $240K; $60K per year for a four-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.

**Getty Scholar Grants**

The Getty Foundation

http://www.getty.edu/foundation/funding/residential/getty_scholars.html

Contact: 310/440-7374, researchgrants@getty.edu

**Solicitation number:**

Recipients will reside at the Getty Research Institute, where they pursue their own projects free from academic obligations, make use of Getty collections, join their colleagues in a weekly meeting devoted to an annual theme, and participate in the intellectual life of the Getty. These grants are for established scholars, artists, or writers who have attained distinction in their fields. Applications are welcome from researchers of all nationalities who are working in the arts, humanities, or social sciences. Getty Scholars may be in residence for three to nine months. A stipend of up to $65K per year will be awarded based on length of stay, need, and salary. 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.
**Keystone Initiative Grants**

National Fish and Wildlife Foundation

[http://www.nfwf.org/Content/NavigationMenu/GrantPrograms/ProgramsOverview/Keystones/default.htm](http://www.nfwf.org/Content/NavigationMenu/GrantPrograms/ProgramsOverview/Keystones/default.htm)

Contact: Varies with research interest

Solicitation number:

Keystone Initiatives are a core portfolio of multi-year initiatives through which the Foundation and its partners seek to achieve measurable outcomes. Specific goals and strategies are identified for each Initiative. There are currently four Keystones, each of which has multiple Initiatives: Bird Conservation; Fish Conservation; Marine and Coastal Conservation; and Wildlife and Habitat Conservation. It is expected that applicants interested in Foundation funding for Keystone Initiatives will review the Business Plans for the Keystone Initiative of interest and prepare their application materials accordingly. Prospective applicants should contact the Keystone directors to discuss project ideas prior to submitting proposals to help ensure the relevance of funding requests. 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.

**Harriet and Leon Pomerance Fellowship**

Archaeological Institute of America (AIA)

[http://www.archaeological.org/grants/704](http://www.archaeological.org/grants/704)

Contact: fellowships@aia.bu.edu

Solicitation number:

This AIA fellowship provides $5K to support an individual project of a scholarly nature, related to Aegean Bronze Age Archaeology. Preference will be given to candidates whose project requires travel to the Mediterranean for the purpose stated above. 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.

**Postdoctoral Fellowship in Conservation Science**

The Getty Foundation

[http://www.getty.edu/foundation/funding/residential/postdoctoral_fellowship_conservation_science.html](http://www.getty.edu/foundation/funding/residential/postdoctoral_fellowship_conservation_science.html)

Contact: 310/440-7374, researchgrants@getty.edu

Solicitation number:

GCI Postdoctoral Fellows are in residence at the Getty Center for two years beginning in September. A monthly stipend is awarded, prorated to the actual dates of residency. In addition to the stipend, the grant also includes a workstation at the Conservation Institute, airfare to Los Angeles, an apartment in the Getty scholar housing complex, and health benefits. Applications are welcome from scientists of all nationalities who are interested in pursuing a career in conservation science and have received a PhD in chemistry/physical science no earlier than 2008. A background in the humanities is helpful, and strong science working practices are essential. 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.

**Investigators in the Pathogenesis of Infectious Disease 2012 - Limited Submission**

Burroughs Wellcome Fund


Contact: Jean Kramarik, 919/991-5122, jkramarik@bwfund.org

Solicitation number:

Five-year awards provide $500K to support accomplished investigators at the assistant professor level to study pathogenesis, with a focus on the interplay between human and microbial biology, shedding light on how human and microbial systems are affected by their encounters. The awards are intended to give recipients the freedom and flexibility to pursue new avenues of inquiry and higher-risk research projects that hold potential for significantly advancing the biochemical, pharmacological, immunological, and molecular biological understanding of how microbes and the human body interact. Areas of particular interest include: (1) Cell/Pathogen interactions; (2) Host/Pathogen interactions; (3) Novel routes to disease causation. Research support, which is under the control of the grantee, may be used flexibly for items such as consumable supplies, equipment, publishing costs, travel to scientific meetings, and laboratory personnel working with the grantee. 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.
Math+X: Encouraging Interactions - Limited Submission

The Simons Foundation

http://simonsfoundation.s3.amazonaws.com/share/Math%28X%29RFA%202013.pdf

Contact: Elizabeth Roy, 212/524-6966, eroy@simonsfoundation.org

Solicitation number:
The Simons Foundation’s Math+X program is designed to encourage novel collaborations between mathematics and other fields in science or engineering by providing substantial operating funds to create new chairs at U.S. universities that join mathematics departments with chosen partner departments through matching grants for endowment. The Simons Foundation will provide up to $1.5 million, which must be matched 1:1 by the institution, to endow the Chair at a total of $3 million. 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.

Tribeca All Access

Tribeca Film Institute

http://www.tribecafilminstitute.org/filmmakers/taa/about/15808707.html

Contact: 212/274-8080 x27, allaccess@tribecafilminstitute.org

Solicitation number:
Tribeca Film Institute provides both established and emerging filmmakers with unprecedented access to industry professionals, giving them the contacts, knowledge and confidence they need to make their films. Tribeca All Access (TAA) provides grants, one-on-one meetings with industry representatives, career development workshops and informational panels to ten exceptional filmmakers working in narrative and documentary. The TAA Creative Promise Awards, presented by Time Warner, come with a total prize of $20K: $10K for narrative and $10K for documentary, as well as an original piece of art from a contemporary artist. TAA participants are filmmakers from traditionally under-represented communities with great stories and a desire to tell them. Industry representatives come from the worlds of development, production and distribution, as well as agencies and law firms that have a passion for contributing diverse voices to the film industry. TAA also supports its alumni by offering grants of $5K to $10K for projects which have already participated in TAA, or for new projects from program alumni. 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.

Grand Challenges Explorations (GCE) Round 10

Bill & Melinda Gates Foundation

http://www.grandchallenges.org/Explorations/Pages/ApplicationInstructions.aspx

Contact: GCEhelp@gatesfoundation.org

Solicitation number:
GCE supports hundreds of early-stage research projects and scientists from a wide range of disciplines and regions. The Explorations initiative funds innovative ideas that could lead to new vaccines, diagnostics, drugs, and other technologies targeting diseases that claim millions of lives every year. Topics for GCE Round 10 are: 1) New Approaches in Model Systems, Diagnostics, and Drugs for Specific Neglected Tropical Diseases; 2) Labor Saving Innovations for Women Smallholder Farmers; 3) New Approaches for the Interrogation of Anti-malarial Compounds; and 4) Aid is Working. Tell the World. Phase I grants of $100K are awarded initially; projects have one opportunity to apply for a follow-on Phase II grant of up to $1M. The term of the Phase I grants expires 18 months from the project start date. 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.
Suicide Prevention Research Grants
The American Foundation for Suicide Prevention
http://www.afsp.org/index.cfm?page_id=0535FDA2-FA7D-AAE8-D7A9A6BCFE3574B
Contact: grantsmanager@afsp.org
Solicitation number:
AFSP research grants support studies that aim to increase understanding of the causes of suicide and factors related to suicide risk or to test treatments and other interventions designed to prevent suicide. A suicide outcome measure must be included. Both basic science and applied research projects will be considered, providing the study has an essential focus on suicide or suicide prevention. Grants are awarded for one- or two-year periods. Distinguished Investigator Grants of up to $100K over two years are awarded to investigators at the level of associate professor or higher with an established record of research and publication on suicide. Standard Research Grants amount up to $75K over two years. Linked Standard Research Grants of up to $225K over two years are awarded to investigators performing research involving three or more unique sites. Young Investigator Grants of up to $85K over two years are awarded to investigators at the level of assistant professor or lower. Postdoctoral Research Fellowships of up to $100K over two years are awarded to investigators who have received a Ph.D., M.D., or other doctoral degree within the preceding six years and have not had more than three years of fellowship support. Pilot Grants of up to $30K over one or two years provide seed money for new projects with the potential to lead to subsequent, larger investigations and are typically feasibility rather than hypothesis-driven studies. 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.

Donald A. B. Lindberg Research Fellowship
Medical Library Association
http://www.mlanet.org/awards/grants/lindberg.html
Contact: Maria Lopez, 312/419-9094 x15
Solicitation number:
The Lindberg Research Fellowship Endowment, established in 2003, will provide a $10K grant, awarded annually by MLA through a competitive grant process. The purpose of this fellowship is to fund research aimed at expanding the research knowledge base, linking the information services provided by librarians to improved health care and advances in biomedical research. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

The Cultural Exchange Fund
The Andrew W. Mellon Foundation
http://www.apap365.org/KNOWLEDGE/GrantPrograms/Pages/CEF3.aspx
Contact: Laura Benson, 202/207-3852, LBenson@ArtsPresenters.org
Solicitation number:
The Cultural Exchange Fund (CEF) is a travel subsidy program to assist U.S. based presenting professionals and their organizations and companies in building partnerships and collaborations with international touring artists, companies and their collaborators, and to experience the work of artists from around the world in its cultural context. The Association of Performing Arts Presenters (APAP) strongly encourages but does not limit travel to the following regions: the Middle East, Asia, Latin America and Africa. All applicants must be active members of the APAP. 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.
Ford Foundation Postdoctoral Fellowships

The postdoctoral fellowships provide one year of support for individuals engaged in postdoctoral study after the attainment of the Ph.D. or Sc.D. degree. The awards will be made to individuals who, in the judgment of the review panels, have demonstrated superior academic achievement, are committed to a career in teaching and research at the college or university level, show promise of future achievement as scholars and teachers, and are well prepared to use diversity as a resource for enriching the education of all students. Awards will be made for study in the following major disciplines and related interdisciplinary fields: American studies, anthropology, archaeology, art and theater history, astronomy, chemistry, communications, computer science, earth sciences, economics, education, engineering, ethnomusicology, geography, history, international relations, language, life sciences, linguistics, literature, mathematics, performance study, philosophy, physics, political science, psychology, religion, sociology, urban planning, and women’s studies. Also eligible are interdisciplinary ethnic studies programs, such as African American studies and Native American studies, and other interdisciplinary programs, such as area studies, peace studies, and social justice. The fellowship provides a one year stipend of $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.

Contact: 202/334-2872, infofell@nas.edu

http://sites.nationalacademies.org/PGA/FordFellowships/PGA_047960

Solicitation number:

11/14/2012 Application

11/19/2012 Call for White Papers in Design and Tools for Future Systems and Technologies

Semiconductor Research Corp. (SRC) Global Research Collaboration (GRC) is soliciting White Papers in the areas of systems, circuits and tools for the design of novel, energy efficient platforms to collect, communicate, process and store information. The principal goals of this program are to understand and overcome scientific and technical barriers and to produce secure and resilient systems that take advantage of integrated-circuit scaling, heterogeneous integration and functional diversification. The motivation of this call is to target relatively long-term research for GRC. Specifically, the research activities should provide solutions that our members will need in 7-10 years for internal evaluation. Specific research topics of high interest to SRC members include: (1) Advanced Digital and Analog Circuits and Systems Design, including I/O Architectures; (2) Advanced Digital and Analog CAD, Test, and Verification.

Interested parties should submit 1-page White Papers describing the proposed research. Investigators or co-investigators may participate in no more than three submissions. Selected White Papers will result in invitations to submit full proposals. The anticipated funding level per project is expected to be in the range of $80K to $120K per year, for a three year period. Proposals that include university/government matching funds are strongly 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.

Contact: Leslie Faiers, 919/941-9455, leslie.faiers@src.org

Solicitation number:

11/20/2012 Full Proposal (by invitation only)

Small Research Grants

The purpose of these grants is to cover costs associated with any type of astronomical research. This program is open to both US and international astronomers with a PhD or equivalent. Acceptable expenses are those normally associated with research: computing costs; equipment purchases, upgrades, and repairs; equipment transport/shipping; travel (including student travel) to observatories and/or scientific meetings, but not AAS meetings; and page charges. Awards range from $1K to $7K. 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.

Contact: Rick Fienberg, Rick.Fienberg@aas.org

Solicitation number:

11/26/2012 Proposal
Long and Short Term Fellowships at The Huntington 2013

The Huntington is an independent research center with holdings in British and American history, literature, art history, and the history of science and medicine. The Library collections range chronologically from the eleventh century to the present and include seven million manuscripts, 413,000 rare books, 275,000 reference works, and 1.3 million photographs, prints, and ephemera. The Burndy Library consists of some 67,000 rare books and reference volumes in the history of science and technology, as well as an important collection of scientific instruments. The Huntington will award to scholars over one hundred fellowships for the academic year 2013-2014. These fellowships derive from a variety of funding sources and have different terms. Recipients of all fellowships are expected to be in continuous residence at the Huntington and to participate in and make a contribution to its intellectual life.

Short Term Awards:
- Huntington Fellowships award $3K per month for up to five months.
- Travel Grants and Exchange Fellowships for Study in Great Britain has a tenure of one month.
- Clark-Huntington Joint Bibliographical Fellowship awards $5.5K over two months (one month at the William Andrews Clark Library; one month at The Huntington).
- Dibner Program in the History of Science awards $3K per month for up to five months.

Long Term Awards (all award $50K over a period of up to 12 months):
- Barbara Thom Postdoctoral Fellowships are designed to support non-tenured faculty members who are revising a manuscript for publication.
- Mellon Fellowship applicants must be pursuing scholarship in a field appropriate to the Huntington's collections.
- Dana and David Dornsife Fellowship applicants must be pursuing scholarship in a field appropriate to the Huntington's collections.
- National Endowment for the Humanities Fellowships applicants must be pursuing scholarship in a field appropriate to the Huntington's collections.
- Dibner Program in the History of Science applicants can be conducting research or already be at the writing stage and need reference materials 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.

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.
Sustainable Communities and Economies
Columbia Foundation

http://www.columbia.org/sustainable_guidelines.htm

Contact: 415/861-5657

Solicitation number:

The goal of this program is to advance community and economic development programs that work to secure – for the present and future, and within the means of nature – a just and equitable life for all species. The Foundation focuses its grantmaking on the following: promotion of sustainable food systems that work toward: secure livelihood for farmers and farm workers; protection of natural resources and biodiversity; creation and dissemination of economic development models that work toward the goal of sustainability; and development of the intellectual and policy frameworks for sustainability. The geographic priority is San Francisco Bay Area and Northern California for local projects, and California for statewide projects. 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.

East European Studies Research Grants
Woodrow Wilson International Center for Scholars

http://www.wilsoncenter.org/opportunity/east-european-studies-research-grants

Contact: 202/691-4000

Solicitation number:

EES offers residential research scholar grants to scholars working on policy relevant projects on East Europe. While Southeast Europe remains a primary focus, projects on Central Europe and the Baltic states are again eligible. Projects should focus on fields in the social sciences and humanities including, but not limited to: 1) Anthropology; 2) History; 3) Political Science; 3) Slavic Languages and Literatures; and 4) Sociology. 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.

Franklin Research Grants
American Philosophical Society

http://www.amphilsoc.org/grants/franklin

Contact: Linda Musumeci, 215/440-3429, LMusumeci@amphilsoc.org

Solicitation number:

The American Philosophical Society awards small grants to scholars in order to support the cost of research leading to publication in all areas of knowledge. The program is particularly designed to help meet the costs of travel to libraries and archives for research purposes; the purchase of microfilm, photocopies, or equivalent research materials; the costs associated with fieldwork; or laboratory research expenses. Applicants are expected to have a doctorate or to have published work of doctoral character and quality. Ph.D. candidates are not eligible to apply. Funding is offered up to a maximum of $6K for use in calendar year 2013. 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.
Redwood Forest Science Research Grants
Save the Redwoods League
http://www.savetheredwoods.org/what-we-do/study/rgrants_app_guidelines.php
Contact: Emily Burns, 415/362-2352, Science@SaveTheRedwoods.org
Solicitation number:
Save the Redwoods League funds research that deepens our understanding of how to protect redwood forests in a changing environment. Proposals on all topics that advance redwood forest science to inform conservation and restoration are welcome in 2012. Previously funded topics include: Forest restoration, Species interactions, Climate change, Fire, Wildlife, Invasive species, Nutrient cycling, Demography, Rare and threatened Species, Microbial ecology, Genetics, Carbon sequestration, Water cycling, Disease ecology, Plant physiology, Plant structure and function, Aquatic ecology, and Disturbance. Funding requests should not exceed $15K and matching funds are encouraged. The League does not fund indirect costs. 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.

12/3/2012 Full 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.

12/14/2012 Stage 1 Proposal (required)

Research & Program Evaluations in Early Education
Brady Education Foundation
http://www.bradyeducationfoundation.org/applicationguidelines.html
Contact: info@bradyeducationfoundation.org
Solicitation number:
The Foundation favors: 1) projects that bring researchers and service providers together to prove and improve the effectiveness of education environments for children at risk for poor school outcomes due to environmental factors associated with living in poverty; 2) projects that leverage other funds; 3) projects with the potential to inform or guide policy or funding decisions; and 4) projects that structure time for researchers/evaluators and program providers to collaborate. The Foundation funds two types of projects: 1) evaluations of existing model programs; and 2) innovative research on model development, including both efficacy and effectiveness studies. There is a two-stage application process. Stage 1 requires a maximum five-page electronic submission via a .pdf file. If approved by the Board, the applicant will be invited to continue to Stage 2. 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.

12/14/2012 Stage 2 Application (by invitation only)
12/14/2012 Stage 1 Application
4/22/2013 Stage 2 Application (by invitation only)
North Pacific Research Board - 2013 Request for Proposals

The North Pacific Research Board (NPRB)

Contact: Francis Wiese, francis.wiese@nprb.org

Solicitation number:

The NPRB was created by Congress in 1997 to recommend marine research activities to the Secretary of Commerce. Approved research projects are funded through a competitive grant program using part of the interest earned from the Environmental Improvement and Restoration Fund. These funds must be used to conduct research activities on, or relating to, the fisheries or marine ecosystems in the North Pacific Ocean, Bering Sea, and Arctic Ocean (including any lesser related bodies of water). NPRB strives to avoid duplicating other research activities and places priority on research designed to address pressing fishery management or marine ecosystem information needs. The Board’s long-term vision is to build a clear understanding of the marine ecosystems off Alaska that enables effective management and sustainable use of marine resources. The North Pacific Research Board (NPRB) was created by Congress in 1997 to recommend marine research activities to the Secretary of Commerce. Approved research projects are funded through a competitive grant program using part of the interest earned from the Environmental Improvement and Restoration Fund. These funds must be used to conduct research activities on, or relating to, the fisheries or marine ecosystems in the North Pacific Ocean, Bering Sea, and Arctic Ocean (including any lesser related bodies of water). NPRB strives to avoid duplicating other research activities and places priority on research designed to address pressing fishery management or marine ecosystem information needs. The Board’s long-term vision is to build a clear understanding of the marine ecosystems off Alaska that enables effective management and sustainable use of marine resources. NPRB encourages collaborative research proposals that leverage off other funding sources, add-on to ongoing projects, or take advantage of other logistic supports. Collaborations are formally requested in the Cooperative Research with Industry section but encouraged in all research sections of this RFP. In addition, we highlight two further collaborative efforts: one specifically with the Oil Spill Recovery Institute (OSRI), a formal collaboration which is now in its sixth year, and one where we encourage researchers to leverage efforts funded by the Bureau of Ocean Energy Management’s (BOEM).

Bringing Theory to Practice

Association of American Colleges and Universities (AACU)
http://www.aacu.org/bringing_theory/documents/BTtoP12to14RFP.pdf

Contact: btp@aacu.org

Solicitation number:

Seminar Grants up to $1K are available for institutions to bring together diverse members of the campus community for meaningful conversations which will result in institutional actions. Program Development Grants up to $10K are available for institutions to enhance or extend a program which is consistent with our objectives. Institutional matching support is required. Demonstration Site Grants up to $75K, distributed over two years, are available for institutions proposing to demonstrate the outcomes of building institutional capacity for a program of work consistent with our purpose. Institutional matching support is required. 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.

Postdoctoral Fellowships in China Studies

Henry Luce Foundation
http://www.acls.org/programs/china-studies/ - postdoc

Contact: chinastudies@acls.org

Solicitation number:

This program seeks to maintain the vitality of China Studies in the U.S. through fellowships and grants designed primarily for scholars early in their careers. These Postdoctoral Fellowships are meant to support scholars in preparing their Ph.D. dissertation research for publication or in embarking on new research projects and support work based only on the applicant’s research in China that aims to produce a scholarly text in English. A working knowledge of Chinese is required. The Fellowship provides $45K for a maximum of one academic year and a minimum of one semester beginning from June 2013 to September 2014. Stipends may be used for travel, living expenses, and research costs. Other support may be accepted (sabbatical leave or other grants) but the total received cannot exceed the 125% of the fellow’s annual salary. There is no financial support for dependents. 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.
AFAR Research Grants
American Federation for Aging Research
http://www.afar.org/research/funding/afar-research-grants/

Contact: grants@afar.org

Solicitation number:

AFAR provides up to $100K for a one- to two-year award to junior faculty (M.D.s and Ph.D.s) to conduct research that will serve as the basis for longer term research efforts. The major goal of this program is to assist in the development of the careers of junior investigators committed to pursuing careers in the field of aging research. AFAR supports research projects concerned with understanding the basic mechanisms of aging. Projects that deal strictly with clinical problems such as the diagnosis and treatment of disease, health outcomes, or the social context of aging are not eligible. It is anticipated that approximately 10 grants will be awarded in 2013. 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.

Breakthroughs in Gerontology
American Federation for Aging Research
http://www.afar.org/research/funding/big/

Contact: grants@afar.org

Solicitation number:

Sponsored by The Glenn Foundation for Medical Research, in collaboration with the American Federation for Aging Research (AFAR), the "Breakthroughs in Gerontology" (BIG) initiative provides timely support to a small number of pilot research programs that may be of relatively high risk but which offer significant promise of yielding transforming discoveries in the fundamental biology of aging. The hope is that one or more of the funded research projects will lead to major new insights into the molecular factors that coordinate aging in multiple cells and tissues, and the ways in which the aging process is differentially timed in long-lived species. Projects that focus on genetic controls of aging and longevity, on delay of aging by pharmacological agents or dietary means, or which elucidate the mechanisms by which alterations in hormones, anti-oxidant defenses, or repair processes promote longevity are all within the intended scope of this competition. Recipients of this award are expected to attend the AFAR Grantee Conference. Applicants must at the time they submit their proposal be full-time faculty members at the rank of Assistant Professor or higher. A strong record of independent publication beyond the postdoctoral level is a requirement. 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.

DRWF Grants
Diabetes Research Wellness Foundation
http://www.diabeteswellness.net/Research/Funding.aspx

Contact: diabeteswellness@diabeteswellness.net

Solicitation number:

DRWF is offering financial support for a selected number of proposals and projects connected with diabetes research. The maximum available for each project is $50K per year for a maximum of two years. Research Grants and Educational Grants are offered. 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.

Allen Foundation Grants
Procter & Gamble
https://www.allenfoundation.org/commoninfo/aboutus.asp

Contact:

Solicitation number:

The Foundation desires to make grants to fund relevant nutritional research and to support programs for the education and training of mothers during pregnancy and after the birth of their children, so that good nutritional habits can be formed at an early age. The connections between diet and health remain a basic and primary priority, and consideration has always been given to projects that benefit nutritional programs in the areas of education, training, and research. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
Autry Institute 2013 Research Fellowships

The Autry National Center

http://theautry.org/research/fellowships

Contact:  Marva Felchlin, 323/667-2000, ext. 349, mfelchlin@theautry.org

Solicitation number:

The Autry National Center offers four different fellowships. Scholars and projects will be matched with the appropriate fellowship by Library and Archives staff and the Autry Institute's Director.

1) Visiting Scholar Fellowship: Stipends of varying amounts for residency up to one month. Open to PhD candidates, post-doctoral researchers, and independent scholars.

2) Autry Summer Fellowship: Stipends of varying amounts for residency up to one month. Open only to UCLA graduate students from any discipline.

3) Los Angeles Westerners Fellowship, Autry National Center: $2.5K stipend; Open to PhD candidates, postdoctoral researchers, and independent scholars. Topics relating to historical events or people and those that separate fact from myth are preferred. Fellows will speak about their research at the July meeting of the Los Angeles Westerners. This Fellowship is supported by the Los Angeles Corral of Westerners, part of Westerners International, a group whose mission is to encourage and promote interest and research in the history of the American West.

4) Jonathan Heritage Foundation Fellowship: $2.5K stipend; Open to PhD candidates, post-doctoral researchers, and independent scholars. Topics focusing on the social, cultural, or business history of the Southern California region, circa 1895–1950, are preferred. In addition to the Autry’s research resources, the archives of the Jonathan Club will be available to the fellow. Fellows will participate in a program related to their research project at the Autry National Center and give a short presentation on their research for the Jonathan Heritage Foundation at the Jonathan Club. The Jonathan Heritage Foundation is a nonprofit organization initiated from the archives of the Jonathan Club, one of the oldest private social clubs in Los Angeles. The Foundation’s purpose is to support and encourage research and scholarship into the social, cultural, and institutional history of the Los Angeles region in the nineteenth and twentieth centuries.

2013 New Mythos Research Grant - New Mythos II

OPUS Archives and Research Center

http://www.opusarchives.org/grants.shtml

Contact:  805/969-5750

Solicitation number:

Every generation finds itself tasked with visioning and articulating its own understanding of our place in the world. When woven together, these new narratives can become a New Mythos with which we may engage the present and vision the future. As we expressed in 2008 when this grant was founded, we are in search of new ways to understand the patterns underlying the profound transformation we are experiencing among ourselves and our planet. The questions asked back then continue to serve as guides — from whence will the threads of a new mythos come? Who will tell the story? How will such a search be resourced? OPUS is offering 3 to 5 grants to individuals or teams that show both the intent and ability to seize the opportunity and take responsibility for searching the James Hillman Collection at Opus, uncovering the archetypal gold harbored there, the gold published and unpublished, public and as yet unrevealed, to the community-at-large. The purpose of this grant is, in Hillman’s words, to “keep thinking” along and with the archetypal perspective. One can choose to focus on Hillman’s collection in particular and explore an aspect of his legacy, or focus on archetypal psychology in its wider application, encompassing psychology, sociology, ecology, the environment, culture, arts, politics, organizations, business, etc. This grant seeks to encourage students, scholars, and artists to explore Hillman’s work by using one of his most powerful tools – the archetypal perspective — to dream forward our understanding of the world and the anima mundi. Grants range between $3K and $5K for a one year period.
Yaddo Residency

Yaddo

http://yaddo.org/yaddo/ApplicationGuidelines.shtml

Contact: 518/584-0746

Solicitation number:

Yaddo offers residencies to professional creative artists from all nations and backgrounds working in one or more of the following media: choreography, film, literature, musical composition, painting, performance art, photography, printmaking, sculpture, and video. Applications for residency are judged on the quality of the artist’s work and professional promise. Yaddo accepts approximately 200 artists each year. Residencies vary in length – the average stay is five weeks. The minimum stay is two weeks; the maximum is eight weeks. 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.

Ongoing

Minor Funding

Coastal Fund

http://spf.as.ucsb.edu/minorfund.php

Contact: 805/893-5166, coastalfund@gmail.com

Solicitation number:

The Coastal Fund (CF) is created and funded by the students at the UCSB in order to preserve and enhance the ecological integrity of the coastal habitats at the University. This application is intended for proposals seeking under $1K. This application has no deadline and is designed to be much more basic to complete. Applications are accepted each academic quarter up until week 8.
CIRM Early Translational IV Research Awards

California Institute for Regenerative Medicine

http://www.cirm.ca.gov/RFA/rfa-12-07-cirm-early-translational-iv-research-awards

Contact: Gilberto Sambrano, 415/396-9103, gsambrano@cirm.ca.gov

Solicitation number: RFA 12-07

The CIRM Early Translational Research Initiative aims to fund and advance potentially transformative stem cell therapies towards IND-enabling preclinical and clinical development. The Early Translational IV Research Awards RFA will support projects that perform the initial stage of translational research including the conduct of studies resulting in proof of concept for a potential development candidate (a Development Candidate Feasibility Award or DCF) and/or studies to select a Development Candidate (DC). The Early Translational Research Award is core to CIRM’s mission, and the agency plans to issue this RFA every one to two years to build a strong preclinical pipeline for patient therapies and cures. The objective of the Early Translational IV Research Awards RFA is the conduct of research to achieve either: 1) a Development Candidate (DC award) that could move into IND-enabling preclinical development OR 2) preclinical proof of concept for a potential development candidate. A therapeutic development candidate is a candidate therapeutic entity, suitable for use in humans, which has completed successfully all the necessary research activities to enable initiation of preclinical development activities required for regulatory approval for testing in humans. Similarly, a diagnostic Development Candidate is a candidate diagnostic entity (e.g., a test or assay) that has completed necessary research and is ready to initiate preclinical development activities required for regulatory approval for clinical testing. Development Candidate (DC) Awards will provide up to $3.5M of support for justifiable total direct project costs over the three-year project period. Development Candidate Feasibility (DCF) Awards will provide up to $1.2M of support for justifiable total direct project costs over the three-year project period.

10/26/2012 Pre-Application
3/20/2013 Application (by invitation only)

Research Opportunity Funds

University of California

http://www.ucop.edu/research/documents/research_opp_fund.pdf

Contact: orgs@ucop.edu

Solicitation number:

The UCOP Office of Research and Graduate Studies (ORGS) has a limited pool of Research Opportunity Funds available to support one-time funding requests to initiate multi-campus or system-wide research projects. Funding is for small projects that are intended to spawn larger, long-term programs, supported by external funding, that will increase UC’s competitiveness, advance research discoveries, impact the lives of Californians, inform public policy, or support innovative graduate student research. Typical requests should be no more than $20K; larger requests will be considered in rare cases for projects of unusually large impact. Funding requests must have a UCOP sponsor, who will take responsibility for the award, and work with the awardees to produce a product or result. For assistance in finding a UCOP sponsor, contact your campus Office of Research, or email the UCOP office at orgs@ucop.edu. Requests may be submitted to ORGS throughout the year, and will be considered on a quarterly basis.

11/7/2012 Application

UCHRI Conference Grants 2013-14

University of California Humanities Research Institute (UCHRI)

http://uchri.org/funding/cfps/uchri-conference-grants/

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

Solicitation number:

UCHRI invites proposals for conferences to be held on UC campuses during the 2013-14 academic year (July 1 to June 30). UCHRI funds a regular program of conference support to promote innovative, collaborative and interdisciplinary research, being particularly responsive to those intellectual activities that cannot readily occur within existing departmental and programmatic structures. In terms of an intellectual agenda, a UCHRI conference should bring recognition to scholarly work being done by humanists at the University of California. Organizers should be aware that in all UCHRI-sponsored programs, participation is encouraged by faculty from a range of UC campuses and disciplines and at all levels of career development, as well as national and international scholars. With a critical mass of UC faculty, UCHRI-sponsored conferences should also be an event of national and international significance and, therefore, more than a campus event. Only UC Ladder Rank Faculty are eligible to apply for these grants. Conference grants range from $5K to $10K.
UCHRI Seminar Grants 2013-14

University of California Humanities Research Institute (UCHRI)

http://uchri.org/funding/cfps/uchri-seminar-grants/

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

Solicitation number:

The UCHRI invites proposals for seminars for small groups of UC faculty and advanced graduate students to engage in intensive study of topics chosen by the participants. A group of five to ten scholars should be identified who would be committed to participating. Seminars may be from a variety of fields in the humanities and humanistic social sciences. Proposed seminars should draw participants from across humanistic disciplines around a clearly defined topic or from a discrete discipline to explore interdisciplinary approaches to a defined topic. Seminars should provide an opportunity for sustained engagement around a shared set of research materials or texts, broadly defined, which might include recent or innovative publications in a field, classic texts or archival material revisited, performances, exhibitions, screenings, etc. Topics and materials should encourage innovative thinking, approaches, or new directions in humanities scholarship. Proposals should include clear goals and a preliminary schedule for the seminar that outlines the specific topics and potential readings, speakers, activities and/or field trips for each session. Only UC Ladder Rank Faculty are eligible to apply for these grants. UCHRI Seminar Grants range from $1.5K to $4K.

UCHRI Public Humanities Project Grants 2013-14

University of California Humanities Research Institute (UCHRI)

http://uchri.org/funding/cfps/public-humanities/

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

Solicitation number:

UCHRI is inviting proposals to promote public programming involving vigorous partnerships between any fields or between organizations with significant humanities focus or content and off-campus community organizations with considerable record of public service commitments. Funding is intended to support innovative community engaged programming or partnerships with community organizations, museums, or NGOs to bring high quality humanities programming to off-campus audiences. Programs, which might be exhibitions, multi-media projects, performances, or other kinds of public events, may include, but should not be limited to, panel discussions or lectures. Only UC Ladder Rank Faculty are eligible to apply for these grants. UCHRI Public Humanities Project Grants provide up to $20K in funding. Grants will be awarded with the expectation that UCHRI money will be matched by additional funding from outside granting agencies and/or from organizers’ home campuses in a ratio of one to two.

UCHRI Short-Term Collaborative Research Residencies 2013-14

University of California Humanities Research Institute (UCHRI)

http://uchri.org/funding/cfps/collaborative-research-residencies/

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

Solicitation number:

UCHRI is inviting proposals to use its on-site institutional resources to serve as a retreat for short intensive residencies to complete a UC collaborative group project already well under way and with a committed outcome in sight. Participation by faculty from a range of UC campuses and disciplines and at all levels of career development, as well as national and international scholars, is highly encouraged. Residencies may run anywhere from a week to a month, depending on need and availability. Unlike the Institute’s residential research groups fellowships, this program does not provide course buyouts; however, the grant will cover reasonable costs of relocation to UCHRI and time in residence. Residencies will be available for up to ten residents at a time in any discipline or field in the humanities, or in interaction with the theoretical social sciences, arts, sciences and technology. Collaborative Research projects must have at least two participants. The collaborative project should expect a conjoint publication, tool, exhibition, performance or other concrete product to result. Priority will be given to proposals that address significant issues and problems within or across given fields, are innovative in their design, and promise concrete outcomes beyond the drafting of a statement or recommendations. Applicants are strongly encouraged to contact the respective campus representative on the UCHRI Advisory Committee for advice regarding criteria of assessment. Only UC Ladder Rank Faculty are eligible to apply. A UC faculty member must be the Principal Investigator. Graduate students may participate as members of the group, but not as PI.
**Release Time Awards**
Interdisciplinary Humanities Center
http://www.ihc.ucsb.edu/release-time-awards/
Contact: Emily Zinn, ezinn@ihc.ucsb.edu

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

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.

**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

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.

**UC Proof of Concept Program: Commercialization Gap Grants**
University of California
Contact: 510/987-9386, RGPOGrants@ucop.edu

The goal of the UC Proof of Concept: Commercialization Gap Grant (POC) is to accelerate the commercialization of technology developed at and assigned to UC by providing funding to bridge the gap between research and commercialization in the absence of an industry sponsor or investment partner. Projects appropriate for this opportunity have already demonstrated successful results in the research environment and are poised for commercialization pending a specific, targeted demonstration, test result, or prototype for which no other funding is available. Applicants must demonstrate that successful completion of the project would likely result in either a technology being licensed to an existing company or spur the development of a start-up company, and has potential to benefit California and its economy. Applicants may request up to $125K in direct costs (25% indirect cost rate allowable) and up to one year of funding.
Residential Research Group Topic Proposals 2014-15

University of California Humanities Research Institute (UCHRI)

http://uchri.org/funding/cfps/residential-research-group-topic-proposals/

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

Solicitation number:

UCHRI promotes new scholarship in the humanities by fostering collaborative inquiry outside institutional and disciplinary structures. RRGs are in essence teams of researchers, often unknown to each other before residency, and assembled to work on a commonly defined research agenda. They are composed of a range of UC faculty, visiting scholars (including UC postdoctoral scholars), UC doctoral students, and non-UC faculty as resources allow. RRGs are developed through a two-stage process. First, research topics for RRGs are determined by open competition or by UCHRI in consultation with its Advisory Committee. Through a competitive review process, RRG fellows are then selected based on their ability to contribute to the research agenda of the group. Collaboration may take many forms. In communicating across disciplines, there are challenges of language, terminology, and methodology for all RRGs. The organizing premise of the residential research program is that when those challenges are surmounted, breakthroughs in knowledge are possible. Expected outcomes of an RRG include edited or co-edited volumes, key word texts, multimedia websites, significant extramural proposals, substantial curriculum plans, or other such significant projects arising from research pursued at UCHRI. Only UC Ladder Rank Faculty can apply as conveners. UC and non-UC faculty, as well as postdoctoral and doctoral scholars, are able to participate in residential groups by applying to the individual RRG fellowships.

Residential Research Group Fellowships - Spring 2014 - Urban Ecologies

University of California Humanities Research Institute (UCHRI)

http://uchri.org/funding/cfps/residential-research-group-fellowships/

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

Solicitation number:

UCHRI invites proposals to participate in a residential research group in the Spring 2014 quarter. Urban Ecologies is a sustained research focus that seeks to explore new conceptions of our “ecosystem” within these contexts of urban space. This interconnectedness and interdependence between the material and imagined environment and human social, cultural, and economic structures demands that we think seriously about these challenges of urban sustainability and the relation to the extra-urban. Possible topics addressed by this group might include but are not limited to: 1) The future of urban design and the relationship between aesthetics, technology, the life sciences, and the natural world; optimization of urban areas for sustainability; 2) Effects of limitless urban growth and sprawl, and the impact of the culture of consumption on urban spaces; use and distribution of natural resources; creation and disposal of waste; how alternative economies might be created; 3) The tendency for poorer populations to take the brunt of negative environmental outcomes, the “political economy of urban inequality”, environmental justice; 4) The city as ecosystem, as well as the city within an ecosystem, dynamic movement in urban space; 5) Life and culture of the city, how people live in cities and what optimal design for functionality, happiness, and sustainability might be; sociology of personal interaction and relationships within the city, changing considerations of public and private (public vs. private transportation); 6) Rhetoric of political urban anti-environmentalism, denial of climate change and the impact on cities; 7) Relationship between urban design and public health, health of the environment in dynamic relationship with health of individual, health of the city, how one might conceptualize “health” of an urban space; and 8) How environmental changes might impact human culture and social structures as well as our understanding of the new relationship between “human history and culture and the Earth’s natural history and material composition”. UC Faculty, Post-Docs, Graduate Students and non-UC faculty are eligible to apply for this fellowship.