ATTENTION NSF BIO RESEARCHERS

NSF 11-078 - Dear Colleague Letter: BIO Proposal Processing Changes

Please be aware that the Directorate for Biological Sciences of the National Science Foundation has initiated new procedures for the submission and review of regular research proposals to the core programs within the Divisions of Molecular and Cellular Biosciences (MCB), Environmental Biology (DEB), and Integrative Organismal Systems (IOS). The Division of Molecular and Cellular Biosciences (MCB) is implementing an eight month cycle for proposal submission. The Division will accept investigator-initiated research proposals only in response to this solicitation and will only accept one proposal per cycle per PI/Co-PI. The next deadline is May 21, 2012.


The Division of Environmental Biology (DEB) and the Division of Integrative Organismal Systems (IOS) will both implement an annual cycle of preliminary and full proposals beginning in January 2012. Preliminary proposals will be accepted in January. Following review by a panel of outside experts, each applicant will be notified of a binding decision to Invite or Not Invite submission of a full proposal. Please note that each investigator is limited to submitting two preliminary proposals a year to either Division, whether as a PI, co-PI or lead senior investigator of a subaward.

All proposals submitted to DEB or IOS in response to the core program solicitations, and to the Research at Undergraduate Institutions (RUI) and Long-term Research in Environmental Biology (LTREB) solicitations, must pass the preliminary proposal stage. The only exceptions are LTREB Renewals. RAPIDs, EAGERs, conferences/workshops and supplemental funding requests will continue to be accepted at any time by IOS and DEB programs. Proposals submitted in response to special solicitations will remain unaffected by these new review procedures.


DATA MANAGEMENT TOOL LAUNCHED BY UNIVERSITY OF CALIFORNIA LIBRARIES AND PARTNER INSTITUTIONS

The University of California and other major research institutions have partnered to develop the DMPTool (https://dmp.cdlib.org/), a flexible online application to help researchers generate data management plans. These plans are increasingly being required by funders such as the National Science Foundation (NSF), the National Institutes of Health (NIH), and the Gordon and Betty Moore Foundation (GBMF).

The DMPTool supports data management plans and funder requirements across the disciplines, including the humanities and physical, medical, and social sciences.

The DMPTool is open-source, freely available, and easily configurable to reflect an institution’s local policies and information. Users of the DMPTool can view sample plans, preview funder requirements, and view the latest changes to their plans. It permits the user to create an editable document for submission to a funding agency, and can accommodate different versions as funding requirements change.
SCIENCE EXPERTS NETWORK AND CURRICULUM VITAE (SCIENCEV) QUESTIONNAIRE

Recently the Federal Demonstration Partnership (FDP) joined a coalition of federal agencies to develop a common, voluntary data platform to facilitate the exchange of ideas, locate individuals with special knowledge and skills, and advance a common understanding of scientific investments. The platform—named Science Experts Network and Curriculum Vitae (SciENCV)—will include services to facilitate the auto-population of federal grant forms and thus reduce the administrative burden associated with applying for and receiving federal research funding.

This FDP questionnaire is the first step in the process of identifying useful features of the system. We need your input to determine what features will help you most. The questionnaire also provides you with an opportunity to provide more feedback as the platform gets developed.

There are three links, one for each user group:

• Faculty researchers: Please invite new and senior investigators to respond. Faculty members who routinely prepare their own proposals/progress reports are particularly encouraged. http://tinyurl.com/3kyrg8k

• Research administrators: Central OSP staff and departmental administrators. http://tinyurl.com/3oefsbw

• Technical staff: Central and departmental research IT staff. http://tinyurl.com/43xtdrj

More information is available at https://sites.google.com/site/fdpera/home/profiles--lattes or, feel free to contact Lori Schultz at lschultz@email.arizona.edu. Please respond to the questionnaire by Friday, December 9, 2011.

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.


The CREATIV grant program is part of the INSPIRE initiative to encourage cross-disciplinary science. The program will support new, potentially transformative, interdisciplinary opportunities that are not perceived to exist presently and is open to all NSF-supported areas of science, engineering, and education research. A CREATIV award must be substantially co-funded by at least two intellectually distinct NSF divisions or programs. The maximum total award is $800K for two co-funding programs, and $1M for three or more co-funding programs. Before writing and submitting a proposal, the PI must obtain written authorization to submit a CREATIV proposal by NSF program directors from at least two intellectually distinct divisions or programs. Proposals for support in FY 2012 may be submitted at any time between December 1, 2011, and June 15, 2012. Proposals will be reviewed internally at NSF.


The purpose of this Dear Colleague Letter is to advise you about funding opportunities at the National Science Foundation for the research community to propose research workshops that identify and develop data, models, and tools to help inform the increasingly computational, data-intensive, and collaborative science research environment. Workshop proposals that include domain scientists in any science or engineering field, as well as Science of Science and Innovation Policy (SciSIP)
researchers, are strongly encouraged. Investigators should follow the guidelines of the SciSIP program description (http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501084) to ensure that eligibility requirements are met, and to e-mail a SciSIP program officer to discuss prospective proposal topics. All proposals under this funding opportunity should be submitted to the SciSIP program by August 9, 2012. These proposals will then be evaluated on an ongoing basis.


The Office of Cyberinfrastructure (OCI), the Office of the Assistant Director in the Directorate for Geosciences (GEO/OAD) and the Office of the Assistant Director in the Directorate for Mathematical and Physical Sciences (OAD/MPS) have strong interests in supporting innovative collaborative cyberinfrastructure proposals that advance the goals of the Cyberinfrastructure Framework for the 21st Century Science and Engineering (CIF21) (http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504730) in the context of data enabled science and engineering research.

OCI, GEO/OAD, and MPS/OAD may provide support to NSF researchers wishing to partner with their European colleagues through several existing mechanisms, including supplements. Full proposals may be submitted to the Strategic Technologies for Cyberinfrastructure (STCI) program (PD 11-7684). NSF researchers should contact OCI, GEO, and MPS program officers using the contact information below to discuss their plans in regard to this activity.

Point of contact for OCI: Rob Pennington (rpenning@nsf.gov, 703-292-7025)
Point of contact for GEO/OAD: Maria Uhle (muhle@nsf.gov, 703-292-2250)
Point of contact for MPS/OAD: Marv Goldberg (mgoldber@nsf.gov, 703-292-7374)


The Cascadia Initiative is a project to build an onshore/offshore network of seismic and geodetic stations from Cape Mendocino in California to Cape Flattery in Washington. The network, which will run for several years, is targeted at understanding the structure and processes of this subduction margin, which has a history of large earthquakes every 300-500 years. The purpose of this Dear Colleague Letter is to inform the community about where to submit various types of CI proposals and on what time scale. There are three classes of proposals that are important for the success of this first community experiment:

- Data QC and metadata generation proposals for the offshore OBS data.
- Derived onshore/offshore data products.
- Science proposals to make use of the CI data (onshore and offshore)


CAMPUS HONORS AND AWARDS

- Tamara Afifi, professor of communication, received the 2011 Bernard J. Brommel Award, which recognizes the scholarship and academic leadership of a faculty member who has advanced family communication at the local, regional, and national level over a period of five years.
- Walid Afifi, professor of communication, received the 2011 Health Communication Distinguished Article of the Year award, which recognizes an article published in the last 10 years that has made a significant contribution to health communication.
- Kaustav Banerjee, professor of electrical and computer engineering, has been named winner of the 2011 international research award by the Electrostatic Discharge Association (ESDA).

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• Elizabeth Belding, professor of computer science, was elected an Association for Computing Machinery Distinguished Scientist for her individual contributions to both the practical and theoretical aspects of computing and information technology.

• John Bowers, professor of electrical and computer engineering, was awarded with the John Tyndall Award from the Optical Society and the IEEE Photonics Society for his research in hybrid-silicon lasers and photonic integrated circuits.

• Howard Giles, professor of communication, received the 2011 Outstanding Journal Article Award for “Psycholinguistic and Social Psychological Components of Communication by Older Adults,” which appeared in a 1986 issue of the journal Language and Communication.

• Melvin L. Oliver, SAGE Sara Miller McCune Dean of Social Sciences and professor sociology, received the Hayward Derrick Horton Award from the Critical Demography Association for outstanding scholarship in Critical Demography.

• David Siebold, professor of communication, received the 2011 Career Achievement Award from the NCA's Group Communication Division. The award acknowledges a scholar who has made outstanding theoretical, methodological, and practical contributions to the study of group communication.

• Cynthia Stohl, professor of communication, received the 2011 Outstanding Scholarship Award for Best Article for her article, “Qualifying Engagement: A Study of Information and Communication Technology and the Global Social Justice Movement in Aotearoa, New Zealand,” which appeared in the journal Communication Monographs.

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

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

**Business Contracts and Subawards** (3 hours)

This course focuses on how to determine the difference between subawards and business contracts and the process for establishing both types of agreements. Sponsored Projects will discuss the process of how to propose, establish, maintain, modify and close a subaward. The Contracts and Property unit will present on topics pertinent to planning conferences and events, business contracts, personal service agreement, facility use permits, and university insurance requirements.

**Negotiation and Acceptance of Awards and Gifts** (3 hours)

This course focuses on the various actions and issues that arise during the period between the submission of a proposal and the award of a contract or grant, and covers the roles of the key players of the University and the Sponsors, denial and withdrawal of proposals, pre-award costs, revised budgets, requests for approvals to spend (RAS), content of award terms, campus award processing, and an overview of the UCSB award synopsis. Identifying the differences between gifts and grants will also be discussed.
**LIMITED SUBMISSION DEADLINES**

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

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

Programs with upcoming campus deadlines include:

- AXA Research Fund Doctoral and Post-Doctoral Fellowships—Campus Notice of Intent 12/12/11
- University of California (UC) Pacific Rim Research Program (PRRP)—Campus Pre-proposal 1/6/12; Agency deadline 2/17/12
- NIH Silvio O. Conte Digestive Diseases Research Core Centers (P30)—Campus Notice of Intent 1/9/12; Agency Letter of Intent 3/2/12; Agency deadline 3/30/12
- NSF Ethics Education in Science and Engineering (EESE)—Campus Notice of Intent 1/9/12; Agency Full Proposal 3/1/12
- Keck Foundation Science and Engineering or Medical Research Program—Campus Pre-proposal 1/17/12
- NIH Shared Instrumentation Grant—Campus Notice of Intent 2/21/12; Agency deadline 3/21/12

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

- NSF Network for Computational Nanotechnology (NCN)—Agency LOI 12/16/11; Agency deadline 1/17/12
- NIH Diversity Research Education Grants in Neuroscience (R25)—Agency Letter of Intent 12/25/11; Agency deadline 1/25/12
- NSF Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories (FSML)—Agency deadline 1/17/12
- NIH Initiative for Maximizing Student Development—Agency deadline 1/25/12
- NIH Diabetes Research Centers (P30)—Agency Letter of Intent 1/31/12; Agency deadline 2/29/12
- NSF Sustainable Energy Pathways (SEP)—Agency deadline 2/1/12
Contract and Grant Awards
October 2011

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

Agrawal, D., Computer Science, $120,000, NEC Corporation, “Megha-Dhara: A Distributed Stream Processing Infrastructure in the Cloud for Scalable and Fault-tolerant Multimedia Applications and Services.”


Brenner, M.E. (Education), Jacob, W.B. (Mathematics), Gevirtz Research Institute, $15,900, UC Office of the President, “UCSB Mathematics Project (CSMP 11-12).”


Clegg, D.O., Molecular, Cellular, and Developmental Biology, $4,000, California State University Channel Islands, “CIRM Bridges Intern.”

Cosden, M. (Counseling, Clinical, and School Psychology), Gevirtz Research Institute, $30,000, County of Santa Barbara, “Re-Entry Drug Court.”


Dewar, T.J. (Graduate School of Education), Gevirtz Research Institute, $25,000, UC California Writing Project, “South Coast Writing Project (CSMP 11-12).”


Ferris, M., Student Health Service, $3,000, County of Santa Barbara, “Tobacco Cessation for Special Populations.”


Gonzalez, T.F., Computer Science, $8,716, UC MEXUS, “Approximation Algorithms for Transportation Networks.”

Goulias, K.G., Geography, $169,849, Southern California Association of Governments, “Household Evolution Model for SCAG Activity-Based Model.”

Han, S., Chemistry and Biochemistry, $2,272,500, National Institutes of Health—National Institute of General Medical Sciences, “Probing early protein aggregation mechanisms and their relationship to disease effects through the innovation of highly amplified and time-resolved electron-nuclear spin magnetic resonance.”

Hawker, C.J. (Materials), Seshadri, R. (Materials), Materials Research Laboratory, $5,432,797, National Science Foundation, “Center of Excellence for Materials Research and Innovation at UCSB.”


Kohn, W.J., Physics, $99,336, UC Discovery Grant, “Macular Degeneration Diagnosis and Correction Devices.”


McFarland, E.W., Metiu, H.I. (Chemistry and Biochemistry), Chemical Engineering, $630,000, Department of Energy, “Investigations of C-H Bond Activation and Doped Metal Oxide Catalysis.”


Odette, G.R. (Mechanical Engineering), Yamamoto, T., Chemical Engineering, $1,000,000, Battelle Energy Alliance, “Optimized Compositional Design and Processing-Fabrication Paths for Larger Heats of Nanostructured Ferritic Alloys.”

Odette, G.R., Yamamoto, T. (Chemical Engineering), Mechanical Engineering, $1,199,607, Battelle Energy Alliance, “High Fluence Low Flux Embrittlement Models of LWR Reactor Pressure Vessel Embrittlement and a Supporting Database from the UCSB ATR-2 Irradiation Experiment.”

Ostwald, T., Chemistry and Biochemistry, $45,511, UC California Science Project, “South Coast Science Project.”


Rodwell, M.J., Gossard, A.C. (Materials), Electrical and Computer Engineering, $375,000, Office of Naval Research, “30 THz Schottky Mixer Diode Arrays for Coherent Mid-Infrared Electronics.”

Scott, S.L., Chemical Engineering, $89,146, The Dow Chemical Company, “Investigation of MgCl2-Supported Bimetallic Ethylene Polymerization Catalysts.”


Treu, T., Physics, $17,551, Space Telescope Science Institute, “The Co-Evolution of Black Holes and Their Host Galaxies.”

Vandenberg, C.A. (Molecular, Cellular, and Developmental Biology), Neuroscience Research Institute, $15,000, Santa Barbara Cottage Hospital, “Trafficking of Potassium Channels in Periodic Paralysis.”

Byl, K., Electrical and Computer Engineering, $60,000, Physical Sciences Inc., “Central Pattern Generator Stability Control for Quadrotor Helicopter.”

Clegg, D.O., Molecular, Cellular, and Developmental Biology, $1,000, California State University Channel Islands, “CIRM Bridges Intern.”

Doherty, M.F., Chemical Engineering, $228,000, Eli Lilly & Company, “Advanced Design and Development of Industrial Crystallization Technology (ADDICT): A Software Design Aid for API Crystallization.”

Harlow, D. (Education), Gevirtz Research Institute, $22,850, San Diego State University Foundation, “Developing Large-Enrollment, Guided Inquiry, Conceptual Physics Course.”


Langer, J.S., Physics, $70,000, Oak Ridge National Laboratory, “Nonequilibrium Properties of Amorphous Materials.”

Martin, C.L., Physics, $82,967, Space Telescope Science Institute, “Escape of Lyman-Alpha Photons from Dusty Starbursts.”


Orias, E., Molecular, Cellular, and Developmental Biology, $12,500, Santa Barbara Cottage Hospital, “Relationship of Tetrahymena Death Domain Proteins to Apoptosis and Macrophagy.”


Reich, N.O. (Chemistry and Biochemistry), Chemical Engineering, $753,050, University Of Minnesota, “NIR Light-Activated Nanoparticles for Drug and Gene Delivery.”

Reich, N.O., Chemistry and Biochemistry, $3,000, California State University Channel Islands, “The In Vivo Role of DNA Methylation in Controlling Stem Cell Fate.”

Scalapino, D.J. (Physics), Institute for Terahertz Science and Technology, $246,544, Oak Ridge National Laboratory, “Study of the Properties of Strongly Correlated Materials.”


Squires, T. (Chemical Engineering), Materials Research Laboratory, $1,250,000, Dow Chemical Company, “Project 3: Interfacial Micro rheology of Surfactant Monolayers and its Effect on Foam and Emulsion Stability.”


Voss, L.B., Orfalea Family Children's Center, $25,935, California Department of Education, "2011-2012 California Department of Education, General Child Care, CCTR."

Voss, L.B., Orfalea Family Children's Center, $129,209, California Department of Education, "2011-2012 California Department of Education, General Child Care, CCTR."

Young, M.D. (Student Affairs), Stanford, J. (Counseling and Career Services), Institute for Social, Behavioral, and Economic Research, $537,580, UC Office of the President, "Statewide Student Mental Health Services."

Young, M.D. (Student Affairs), Parent, K. (Student Affairs), Institute for Social, Behavioral, and Economic Research, $297,799, U.S. Department of Justice, "kNOw MORE: Preventing Sexual Assault, Stalking, Domestic Violence and Dating Violence (SSDV) at UCSB."

Zhang, L., Chemistry and Biochemistry, $100,000, American Chemical Society, "Oximes as More Nucleophilic and Chiral H2O."
Helpful Hints

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

Department of Agriculture (USDA)

12/15/2011 Application

Sustainable Bioenergy Program
Department of Agriculture (USDA)
http://www.csrees.usda.gov/funding/rfas/afri.html
Contact: Varies with research interest
Solicitation number:

The AFRI Sustainable Bioenergy Program will fund grants that target vital topical areas related to the development of regional systems for the sustainable production of bioenergy, biopower and biobased products. Program areas include: 1) Development and Sustainable Production of Regionally-appropriate Biomass Feedstocks; 2) Policy Options for and Impacts on Regional Biofuels Production Systems; 3) Impacts of Regional Bioenergy Feedstock Production Systems on Wildlife and Pollinators; 4) Socioeconomic Impacts of Biofuels on Rural Communities; and 5) Environmental Implications of Direct and Indirect Land Use Change.

12/16/2011 Application

Integrated Approaches to Climate Adaptation and Mitigation in Agroecosystems
Department of Agriculture (USDA)
http://www.csrees.usda.gov/funding/rfas/afri.html
Contact: Diana Jerkins, 202/401-6996, djerkins@nifa.usda.gov
Solicitation number:

Applications must demonstrate a well developed plan that addresses the primary goals of mitigation and/or adaptation for research, education, and/or extension for a broad range of U.S. agricultural production systems including forest and range systems. Priority will be given to those projects that are integrative across systems, i.e., mixed systems, and that are of major importance to the U.S. economy, the U.S. environment, or global food security. Standard Grants must not exceed $750K total for project periods of up to 4 years.

1/13/2012 Application

Regional Approaches for Adaptation to and Mitigation of Climate Variability and Change
Department of Agriculture (USDA)
http://www.csrees.usda.gov/funding/rfas/afri.html
Contact: Raymond Knighton, 202/401-6417, rknighton@nifa.usda.gov
Solicitation number:

A Regional Integrated CAP will bring together a multi-state, multi-institutional, and trans-disciplinary team to integrate scientific discoveries and technology with practical application. Projects will include at least two of the three functions of the agricultural knowledge system (i.e., research, education, and extension) focused around the Agriculture and Natural Resources Science for Climate Variability and Change Challenge Area goals of mitigation and adaptation. Grants must not exceed $2M per year for project periods of up to 5 years.

Department of Commerce (DOC)
NOAA FY 2012-2013 Broad Agency Announcement (BAA)
Department of Commerce, National Oceanic and Atmospheric Administration (NOAA)
http://www07.grants.gov/search/search.do;?oppId=132454&mode=VIEW
Contact: Varies with research interest
Solicitation number:
The purpose of this notice is to request applications for special projects and programs associated with NOAA’s strategic plan and
mission goals. This BAA is a mechanism to encourage research, education and outreach, innovative projects, or sponsorships
that address one or more of the following four mission goal descriptions contained in the NOAA Strategic Plan: 1. Climate
Adaptation and Mitigation and responding to climate and its impacts; 2. Weather-Ready Nation; 3. Healthy Oceans; 4. Resilient
Coastal Communities and Economies. Full applications can be submitted on a rolling basis until September 30, 2013.

2/2/2012  Abbreviated Proposal (required)
5/3/2012  Full Proposal (by invitation only)

Precision Measurement Grant Program
Department of Commerce, National Institute of Standards and Technology (NIST)
Contact: Peter Mohr, 301/975-3217, mohr@nist.gov
Solicitation number: 2012-NIST-PMGP-01
NIST is soliciting proposals from eligible proposers to support significant research in the field of fundamental measurement or
the determination of fundamental constants. NIST anticipates funding two projects for up to three years at $50K per year.

Department of Defense (DOD)

Ongoing
Research Interests of the Air Force of Scientific Research
Air Force Office of Scientific Research (AFOSR)
http://www07.grants.gov/search/search.do;?oppId=88213&mode=VIEW
Contact: Varies with research interest
Solicitation number: AFOSR-BAA-2011-1
AFOSR supports basic research in three scientific areas: Aerospace, Chemical and Material Sciences; Physics and Electronics; and
Mathematics, Information and Life Sciences. AFOSR is seeking unclassified white papers and proposals for fundamental research.
Awards average $150K per year and may be proposed for up to five years. Proposals may be submitted at any time, though it is
recommended to contact the appropriate program manager prior to submission.

Ongoing
U.S. Army Engineer Research and Development Center BAA
U.S. Army Engineer Research and Development Center (ERDC)
http://www07.grants.gov/search/search.do;?oppId=92213&mode=VIEW
Contact: Varies with research interest
Solicitation number: W912HZ-11-BAA-02
The ERDC is responsible for conducting research in the broad fields of hydraulics, dredging, coastal engineering, instrumentation,
oceanography, remote sensing, geotechnical engineering, earthquake engineering, soil effects, vehicle mobility, self-contained
munitions, military engineering, geophysics, pavements, protective structures, aquatic plants, water quality, dredged material,
treatment of hazardous waste, wetlands, physical/mechanical/ chemical properties of snow and other frozen precipitation,
infrastructure and environmental issues for installations, computer science, telecommunications management, energy, facilities
maintenance, materials and structures, engineering processes, environmental processes, land and heritage conservation, and
ecological processes. Those interested in submitting research proposals to ERDC are encouraged to make preliminary inquiries.
**Long Range Broad Agency Announcement for Navy and Marine Corps Science & Technology**

Office of Naval Research (ONR)

http://www.onr.navy.mil/~media/Files/Funding-Announcements/BAA/2012/12-001.ashx

Contact: Varies with research interest

Solicitation number: BAA12-001

The Office of Naval Research (ONR) is interested in receiving proposals for Long-Range Science and Technology (S&T) Projects which offer potential for advancement and improvement of Navy and Marine Corps operations. Readers should note that this is an announcement to declare ONR's broad role in competitive funding of meritorious research across a spectrum of science and engineering disciplines. Prior to preparing proposals, applicants are strongly encouraged to contact the ONR point of contact. Proposals may be submitted at any time.

**NRL Broad Agency Announcement**

Naval Research Laboratory


Contact:

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.

**Navy and Marine Corps Science, Technology, Engineering and Mathematics (STEM) Programs**

Office of Naval Research (ONR)

http://www.onr.navy.mil/~media/Files/Funding-Announcements/BAA/2012/12-002.ashx

Contact: Varies with research interest

Solicitation number: 12-002

The Office of Naval Research (ONR) seeks proposals in support of K-12, college, and graduate education programs in science, technology, engineering and mathematics (STEM). Offerors are encouraged to develop innovative approaches that utilize their unique assets, capabilities, locations, and personnel as well as nationally recognized best practice programs. Proposals should identify programs and methods that will be used to foster and develop students in STEM fields that are relevant to the DoD mission. ONR plans to fund individual awards up to $200K per year for 1 to 3 years. Proposal are accepted at any time. Prospective applicants are encouraged to submit white papers in advance of submitting full proposals.

**Basic Research Initiative (BRI)**

Air Force Office of Scientific Research (AFOSR)

http://www.grants.gov/search/search.do?mode=VIEW&oppId=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-Nanocombinatories. 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.
Graph-theoretic Research in Algorithms and the Phenomenology of Social networks (GRAPHS)

Defense Advanced Research Projects Agency (DARPA), Defense Sciences Office

https://www.fbo.gov/download/ff0/ff02e65fcaeb96d02a6f5ac6c3152223/DARPA-BAA-12-01.pdf

Contact: Tony Falcone, DARPA-BAA-12-01@darpa.mil

Solicitation number: DARPA-12-01

DARPA is seeking proposals that will address mathematical research on large networks and graphs with an emphasis on results that are applicable to social networks and other networks of interest to the DoD. The focus of the program will be three broad areas, namely: 1) The theoretical underpinnings of the basic mathematics and dynamics of large networks and a framework for threat signature detection and identification; 2) Polynomial and sub-polynomial algorithm creation and development for exact and approximate solutions for DoD problems of interest; 3) Graph and network techniques for other DoD networks of interest.

Breast Cancer Research Program Impact Award

DoD Congressionally Directed Medical Research Programs

https://cdmrp.org/Program_Announcements_and_Forms/index.cfm?prg=BCRP&prg_fy=2011

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

Solicitation number: W81XWH-11-BCRP-IMPT

The BCRP Impact Award supports unique research projects or ideas (from small- to large-scale) that specifically focus on scientific and clinical breast cancer issues, which, if successfully addressed, could ultimately revolutionize the understanding, prevention, and/or treatment of breast cancer and make major advances towards the goal of eradicating the disease. The research project may be from any discipline or combination of disciplines, including basic, translational, clinical (clinical trials are allowed), behavioral, and/or epidemiological research. The maximum allowable direct costs is $2M for five years.

Young Investigator Program (YIP)

Office of Naval Research (ONR)

http://www.onr.navy.mil/~media/Files/Funding-Announcements/BAA/2011/11-030.ashx

Contact: Bill Lukens, william.lukens1@navy.mil

Solicitation number:

This program seeks to identify and support academic scientists and engineers who have begun her/his first full-time appointment on or after 01 November 2006 and who show exceptional promise for doing creative research. The objectives of this program are to attract outstanding faculty members of Institutions of Higher Education to the Department of the Navy's research program, to support their research, and to encourage their teaching and research careers. Proposals addressing research areas as described in the ONR Science and Technology Department section of ONR's website (http://www.onr.navy.mil/Science-Technology.aspx) which are of interest to ONR Program Officers and Division Directors will be considered. Proposals may request up to $170,000 per year for three years.

Those proposals not selected for Young Investigator awards are automatically considered for ONR's regular research grant program in competition with all other research proposals submitted in response to the ONR Long Range BAA.

Department of Energy (DOE)

Solid-State Lighting Manufacturing Research and Development - Round 3

Department of Energy, National Energy Technology Laboratory

http://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000561&agency=DOE

Contact: Jennifer Gaudlip, 412/386-7249, Jennifer.Gaudlip@netl.doe.gov

Solicitation number: DE-FOA-0000561

The objective of this announcement is to achieve cost reduction of Solid-State Lighting (SSL) for general illumination through research and development (R&D) improvements in manufacturing equipment, processes, or techniques. The goals are to: reduce costs of SSL sources and luminaires; improve product consistency while maintaining high quality products; and encourage a significant role for domestic U.S. based manufacturing in this industry. The maximum award amount is $4M for up to two years of effort. In addition, award recipients are responsible for ensuring that at least 20% of the total allowable costs for research and development projects are provided as cost share to the project. Two to four awards will be made.
Support of Advanced Coal Research at United States (U.S.) Colleges and Universities

Department of Energy, National Energy Technology Laboratory

http://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000584&agency=DOE

Contact: Nicholas Anderson, 412/386-5266, Nicholas.anderson@netl.doe.gov

Solicitation number: DE-FOA-0000584

The DOE goals for these advanced coal-based power systems are to effectively eliminate, at competitive costs, environmental concerns associated with the use of fossil fuel for producing electricity and transportation fuels. DOE is interested in innovative and fundamental research pertinent to coal conversion and utilization. Solicited research this year will be limited to Material Science. Applicants should clearly delineate which of the Material Science topic areas they are responding to and should limit the scope of their application to only one of the following topic areas: 1) Surface Modification of Alloys for Advanced Ultrasupercritical Coal-Fired Boilers/Steam Turbines and Gas Turbines; 2) Structural Materials; and 3) Materials Processing. Six to seven awards will be made, each amounting up to $300K over a maximum project period of three years.

Scientific Discovery through Advanced Computing - High Energy Physics

Department of Energy, Office of Science

http://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000580&agency=DOE

Contact: Varies with research interest

Solicitation number: DE-FOA-0000508

The Office of High Energy Physics (HEP) is accepting applications from interdisciplinary teams to the Scientific Discovery through Advanced Computing (SciDAC) program, for Scientific Computation Application Partnerships in the area of computational high energy physics. Applications should propose three year research plans and demonstrate how the proposed research will advance the HEP mission by fully exploiting leadership class computing resources. The specific areas of interest under this FOA are Cosmic Frontier Scientific Simulations (CFSS), Lattice Gauge Theory Research (LGTR), and Accelerator Science Modeling and Simulation (ASMS).

Department of the Interior (DOI)

Water Resources Research National Competitive Grants Program

Department of the Interior, U.S. Geological Survey

https://niwr.net/competitive_grants/RFP

Contact: John Schefter, 703/648-6800, schefter@usgs.gov

Solicitation number:

The U.S. Geological Survey in cooperation with the National Institutes for Water Resources requests proposals for matching grants to support research on the topic of improving and enhancing the nation’s water supply, including (but not limited to) enhancement of water supply infrastructure, development of drought impact indicators, evaluation of the dynamics of extreme hydrological events and associated costs, development of methods for better estimation of the physical and economic supply of water, integrated management of ground and surface waters, the resilience of public water supplies, and the evaluation of conservation practices. Proposals are sought in not only the physical dimensions of supply, but also the role of economics and institutions in water supply and in coping with extreme hydrologic conditions. The USGS and NIWR prefer that research supported by this program involve substantial collaboration between the USGS and university scientists. Applicants shall not request total federal funds exceeding $250K per project for 1 to 3 years. Since awards are available only to Water Research Institutes or Centers, submitted proposals will be authorized for inclusion in the national competition by the Director of the Institute or Center in the state in which the university of the principal investigator is located.

Institute of Peace
**Priority Grant Competition**

Institute of Peace  
http://www.usip.org/grants-fellowships/priority-grant-competition

Contact: Varies with research interest  
Solicitation number:

This competition supports nonprofit organizations working in or on Afghanistan, Colombia, Iran, Iraq, Nigeria, Pakistan, and Sudan. The competition supports innovative peacebuilding projects involving research, the identification of promising models and effective practices, the development of practitioner resources and tools, the development and delivery of education, training and dialogue programs, and the production of films, radio programs and other media. Institute gives priority to high-quality projects that are likely to generate findings that are accessible to policymakers and practitioners and that demonstrate promise of having a substantial impact.

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

**Topical Workshops, Symposia, and Conferences**

National Aeronautics and Space Administration  

Contact: Max Bernstein, 202/358-0879, max.bernstein@nasa.gov  
Solicitation number: NNH11ZDA001N-TWSC

This program element solicits proposals for topical workshops, symposia, conferences, and other scientific/technical meetings that advance the goals and objectives of only the following Science Mission Directorate (SMD) Divisions: Earth Science, Heliophysics, and Planetary Science. In the past, awards for support of events have been in the range of $10K to $30K. Proposals may be submitted at any time during the open period for ROSES-11.

**Earth Science Applications - Wildland Fires**

National Aeronautics and Space Administration  
http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=257057/A.35%20Applications%20Fires%20Amend

Contact: Woody Turner, 202/358-1662, Woody.Turner@nasa.gov  
Solicitation number: NNH11ZDA001N-FIRES

This solicitation is specifically focused on applications addressing cross-cutting and multidisciplinary issues related to wildland fires in support of management strategies and actions, business practices, and policy analysis and decisions. This solicitation will initially support one-year feasibility studies of potential applications. NASA will then down-select and continue support of a subset of these applications in subsequent, three-year projects. The three-year projects will develop the application with and transition the application to a public or private organization for sustained use in decision making and services to end users. Proposals to this solicitation are only for the Stage 1 portion of this enterprise.

**Unique and Innovative Space Technology**

National Aeronautics and Space Administration  
http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=260319/GCT%20Office%20BAA%20Final%202011

Contact: Harry Partridge, Harry.Partridge@nasa.gov  
Solicitation number: NNH11ZUA001K

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

National Aeronautics and Space Administration


Contact: Michael New, 202/358-1766, HQ-EXO@mail.nasa.gov

Solicitation number: NNH11ZDA001N-EXO

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

**Research Opportunities in Space Biology**

National Aeronautics and Space Administration


Contact: David Tomko, 202/358-2211, dtomko@nasa.gov

Solicitation number:

This NASA Research Announcement (NRA) solicits hypothesis-driven research proposals for both ground-based experiments and flight experiments in Space Biology (SB). NASA Space Biology (SB) seeks to learn how the changes associated with space flight will affect a diverse group of microorganisms, plants, and animals. SB focuses on the effects of gravity (g) across the g-spectrum, i.e., from hypo-(aka microgravity) to hyper-gravity. It also covers the biological effects of modified radiation fluxes, altered magnetic fields, and the interaction amongst species in the unusual environments of space and spacecraft.

**Hurricane Science Research Program**

National Aeronautics and Space Administration


Contact: Ramesh Kakar, 202/358-0240, ramesh.k.kakar@nasa.gov

Solicitation number: NNH11ZDA001N-HSRP

A major goal of this program is to better understand the physical processes that control hurricane intensity change. We define intensity change broadly, including the intensification of a tropical disturbance into a tropical cyclone, further intensification into a hurricane (including the more specific case of rapid intensification), and significant decreases in intensity. Approximately 8 to 10 awards will be made, with a maximum duration of three years.

**Heliophysics Research - Solar and Heliospheric Science**

National Aeronautics and Space Administration


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

Solicitation number: NNH11ZDA001N-SHP

The program has as its objective the comprehensive study of all five solar and heliospheric research areas, namely: Solar interior; Solar photosphere; Solar chromospheres, transition region, and corona; Inner heliosphere; and Outer heliosphere and the interstellar boundary. This program has three main research thrusts, nonflight Supporting Research (SR); Instrument and Technology Development (ITD) that may be carried out in the laboratory and/or observatory; and payloads on balloons, sounding rockets, or as secondary, rocket-class payloads on flights of opportunity that is generically referred to as Low Cost Access to Space.
Living with a Star Targeted Research and Technology
National Aeronautics and Space Administration
http://nspires.nasaprs.com/external/viewrepositordocument/cmdocumentid=255984/8%206%20LWS%20TRT%20FINAL.clarifie
Contact: Madhulika Guhathakurta, 202/358-1992, lws.trt@nasa.gov
Solicitation number: NNH11ZDA001N-LWSRT
The goal of this program is to develop the scientific understanding needed for the United States to effectively address those aspects of Heliophysics science that may affect life and society. The LWS Targeted Research and Technology (TR&T) program element solicits proposals leading to a physics-based understanding of the integral system linking the Sun to the Solar System both directly and via the heliosphere, planetary magnetospheres, and ionospheres. The TR&T program’s objectives can be achieved by data analysis, theory, and modeling, and the development of tools and methods.

Astrophysics Research and Analysis Program
National Aeronautics and Space Administration
Contact: Linda Sparke, 202/358-7335, linda.s.sparke@nasa.gov
Solicitation number: NNH11ZDA001N-APRA
This program solicits basic research proposals for investigations that are relevant to NASA’s programs in astronomy and astrophysics and includes research over the entire range of photons, gravitational waves, and particles of cosmic origin. Proposals for developing experimental concepts and related technology for future NASA fundamental physics missions are solicited. Four-year or five-year proposals must be well justified; shorter-term proposals are typical. Proposals are solicited in the following categories: 1) Detector Development; 2) Suborbital Investigations; 3) Supporting Technology; 4) Laboratory Astrophysics; and 5) Ground-Based Observations.

NASA Astrobiology Institute
National Aeronautics and Space Administration
Contact: Mary Voytek, 202/358-1577, mary.voytek-1@nasa.gov
Solicitation number: NNH12ZDA002C
NASA announces opportunity for the submission of team-based proposals for membership in the NASA Astrobiology Institute (NAI). Proposals should clearly articulate an innovative, interdisciplinary, astrobiology research program, together with plans to advance the full scope of NAI objectives as defined in the Institute’s Mission Statement. NASA is seeking both proposals responding to the long-term goals and objectives given in the Astrobiology Roadmap and proposals focused on ensuring that the astrobiology science portfolio is prepared to respond to the challenge of planning and implementing these missions. Proposals that place emphasis on research that will help prepare for current or future flight programs directed at astrobiological targets are encouraged. It is anticipated that four or five awards will be made, each of five years duration.

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: CFDA 45.024
These fellowships support projects for the translation of specific works of prose, poetry, or drama from other languages into English. Translations of writers and of work which are not well represented in English translation are encouraged. 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 yet been translated into English. Grants are for $12.5K or $25K, depending upon the artistic excellence and merit of the project.
Americas Media Makers - Development Grants and Production Grants

National Endowment for the Humanities, Division of Public Programs

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

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

Solicitation number: CFDA 45.164

The NEH Division of Public Programs supports the development of humanities content and interactivity that excite, inform, and stir thoughtful reflection upon culture, identity, and history in creative and new ways. Grants for America’s Media Makers should encourage dialogue, discussion, and civic engagement, and they should foster learning among people of all ages. NEH offers two categories of grants for media projects: development grants and production grants. Development grants enable media producers to collaborate with scholars to develop humanities content and format and to prepare programs for production and should culminate in the refinement of a project’s humanities ideas, a script, or a design document for (or a prototype of) digital media components or projects. Production grants support the preparation of a program for distribution. Applicants must submit a script for a radio or television program, or a prototype or storyboard for a digital media project, that demonstrates a solid command of the humanities ideas and scholarship related to a subject. Awards for development typically range from $40K to $75K, depending on the complexity of the project, and are usually made for a period of six to twelve months. Basic development grants of up to $40K are available for activities that include collaboration with scholars to refine the humanities content, undertake archival research, and conduct preliminary interviews. Awards of up to $75K are available for the scripting of a radio or television program or the creation of a prototype for a digital media project.

Americas Historical and Cultural Organizations - Planning Grants and Implementation Grants

National Endowment for the Humanities, Division of Public Programs


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

Solicitation number: CFDA 45.164

These grants support projects in the humanities that explore stories, ideas, and beliefs in order to deepen our understanding of our lives and our world. The two categories are: planning and implementation grants. Planning grants are available for projects that may need further development before applying for implementation. Implementation grants support the final preparation of a project for presentation to the public. Applicants must submit a full walkthrough for an exhibition, or a prototype or storyboard for a digital project, that demonstrates a solid command of the humanities ideas and scholarship relate to the subject. Awards for planning typically range from $40K to $75K, depending on the complexity of the project, and are usually made for a period of twelve months. Basic development grants of up to $40K are available for activities that include collaboration with scholars to refine the humanities content, undertake archival research, and conduct preliminary object research.

Digital Humanities Implementation Grants

National Endowment for the Humanities, Office of Digital Humanities

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

Contact: odh@neh.gov

Solicitation number: CFDA 45.169

This program is designed to fund the implementation of innovative digital-humanities projects that have successfully completed a start-up phase and demonstrated their value to the field. Such projects might enhance our understanding of central problems in the humanities, raise new questions in the humanities, or develop new digital applications and approaches for use in the humanities. The program can support innovative digital-humanities projects that address multiple audiences, including scholars, teachers, librarians, and the public. Proposals are welcome for digital initiatives in any area of the humanities. Awards are for one to three years and range from $100K to $325K.
Summer Seminars and Institutes
National Endowment for the Humanities, Division of Education Programs
http://www.neh.gov/grants/guidelines/seminars.html
Contact: 202/606-8471, sem-inst@neh.gov
Solicitation number: CFDA 45.163
These grants support faculty development programs in the humanities for school teachers and for college and university teachers. NEH Summer Seminars and Institutes may be as short as two weeks or as long as five weeks. The duration of a program should allow for a rigorous treatment of its topic. The program formats are: Seminar for school teachers—16 participants; Institute for school teachers—25 to 30 participants; Seminar for college and university teachers—16 participants; and Institute for college and university teachers—25 participants. NEH anticipates that awards for seminars will range between $70K and $140K for a grant period of 12 months. Awards for institutes range from $90K to $200K for a grant period of 15 months.

National Institutes of Health (NIH)

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.

Collaborative Hubs for International Research on Mental Health (U19)
National Institutes of Health, National Institute of Mental Health (NIMH)
Contact: Pamela Collins, 301/443-2847, pamela.collins@nih.gov
Solicitation number: RFA-MH-12-110
This FOA invites cooperative agreement research applications to establish regional research hubs to increase the evidence base for mental health interventions in World Bank designated low- and middle-income countries (LMICs). Each regional hub is to conduct research and provide capacity-building opportunities in one of six geographical regions (i.e., East Asia and the Pacific; Europe and Central Asia; Latin America and the Caribbean; Middle East and North Africa; South Asia; Sub-Saharan Africa). As a group, awardees will constitute a collaborative network for mental health research in LMICs with capabilities for answering research questions (within and across regions) aimed at improving mental health outcomes for men, women, and children. Applicants may request up to $500K direct costs per year for up to five years.

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.
Early Cystic Fibrosis Lung Disease Studies in Humans, NHLBI (R01)

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


Contact: Susan Banks-Schlegel, 301/435-0202, schleges@nih.gov

Solicitation number: RFA-HL-12-035

This FOA invites applications that propose to investigate the early origins of cystic fibrosis (CF) lung disease and the mechanisms involved in development and progression of pulmonary abnormalities in young children with this condition. Studies may explore novel strategies for detecting early lung disease in infants and young children with CF, including minimally invasive biomarkers and/or imaging approaches, and utilize these methods to elucidate the molecular and cellular mechanisms of early lung disease onset and progression. The ultimate goal is development of novel approaches for diagnosis, prevention, and treatment of early CF lung disease. Application budgets are limited to a maximum of $400K direct costs over a period of up to four years. Approximately six awards will be made.

NIH Directors Transformative Research Awards (R01)

Solicitation number: RFA-RM-11-006

These awards complement NIH’s traditional, investigator-initiated grant programs by supporting individual scientists or groups of scientists proposing groundbreaking, exceptionally innovative, original and/or unconventional research with the potential to create new scientific paradigms. Little or no preliminary data are expected. Projects must clearly demonstrate potential to produce a major impact in a broad area of biomedical or behavioral research. The maximum project period is five years.

Pre-application for a Biomedical Technology Research Center (X02)

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.

Dynamics of Host-Associated Microbial Communities (R01)

Solicitation number: RFA-GM-13-001

This FOA solicits applications that propose genetic, physiological, and ecological studies designed to reveal the basic principles and mechanisms that govern the symbiotic systems dynamics of host-associated microbial communities. Approximately five to seven awards will be made. The maximum award period is five years although most awards will be for four years.
NIH Blueprint for Neuroscience Research Grand Challenge - Developing Novel Drugs for Disorders of the Nervous S
National Institutes of Health, Cross-Institute

Contact: Varies with research interest
Solicitation number: RFA-NS-12-002

NIH announces an opportunity for investigators working with small molecule compounds to gain access to a robust ‘virtual pharma’ drug development network to develop neurotherapeutic drugs. Successful applicants will become collaborative participants in this network, receiving both funding and no-cost access to contracted drug development services that are not typically available to the academic research community. Funding will be provided through a U01 cooperative agreement mechanism to conduct biological testing of compound analogs in disease assays and models in the investigator’s laboratory. No-cost drug development services will also be provided, including medicinal chemistry optimization, IND-directed pharmacology and toxicology, and Phase I clinical testing. Researchers in possession of disease assays and small molecule compounds that show promise for treating nervous system and psychiatric disorders, but that are not yet suitable for clinical testing, are strongly encouraged to apply. It is anticipated that funded projects will carry direct costs of up to $125K per year for in vitro and/or in vivo bioactivity screening for up to five years.

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.

Basic Research on Decision Making - Cognitive, Affective, and Developmental Perspectives (R01)
National Institutes of Health, Cross-Institute

Contact: Varies with research interest
Solicitation number: RFA-MH-12-130

This FOA encourages research grant applications that propose to increase understanding of the basic cognitive, affective, motivational, and social processes that underlie decision making across the lifespan. This includes an appreciation of the interactions among the psychological, neurobiological, and behavioral processes in decision making. It also includes consideration of the mediating and/or moderating influences of genetics, physiology, the social environment, and culture. Applications budgets may not exceed $500K direct costs per year for up to three years.
Mechanistic Pathways Linking Psychosocial Stress and Behavior (R01)

National Institutes of Health, Cross-Institute


Contact: Catherine Stoney, 301/435-6670, stoneyc@mail.nih.gov

Solicitation number: RFA-HL-12-037

This FOA solicits applications that propose to investigate basic psychological, social, and environmental mechanisms and processes linking psychosocial stressors and behavior. Applicants are encouraged to use innovative approaches to design integrative studies elucidating how psychological, social, and psychosocial environmental factors impact the processes by which stressors are coupled with and influenced by various behaviors. Applications examining moderating factors such as individual demographic and psychological differences, risk factors, early exposure, and environments are desirable. A maximum of $975K over up to three years may be requested.

Computational Analysis of the Encyclopedia of DNA Elements (ENCODE) Data (U01)

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


Contact: Peter Good, 301/496-7531, goodp@mail.nih.gov

Solicitation number: RFA-HG-11-025

The purpose of this FOA is to solicit applications from researchers outside of the umbrella of the Encyclopedia of DNA Elements (ENCODE) Projects to support analysis activities on the ENCODE data. These activities might include developing new methods to improve on analysis and interpretation of ENCODE data, combining ENCODE data with related functional genomic data from other projects to derive new biological insights, or using the ENCODE data to improve on the analysis of disease mapping studies to identify causal variants. Five to eight awards will be made. The maximum project period is three years. This FOA runs in parallel with two FOAs of identical scientific scope, RFA-HG-11-024, which utilizes the U54 Specialized Center-Cooperative Agreements mechanism, and RFA-HG-11-026, which utilizes the U41 Biotechnology Resource Cooperative agreements mechanism.

Application of Genomic Advances to Wound Repair (R01)

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


Contact: Lois Tully, 301/594-5968, lois.tully@nih.gov

Solicitation number: RFA-NR-12-002

NINR seeks to stimulate research that will increase the understanding of the genomic mechanisms associated with development and repair of chronic wounds (wounds that have not proceeded through a reparative process in three months), and to develop and test genomic-based interventions aimed at preventing chronic wounds and/or expediting the healing process. Application budgets are limited to $300K in direct costs in any year. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, RFA-NR-12-003, which utilizes the R21 Exploratory/Developmental Grant mechanism.

Exceptionally Innovative Tools and Technologies for Single Cell Analysis (R21)

National Institutes of Health


Contact: David Panchision, 301/443-5288, panchisiond@mail.nih.gov

Solicitation number: RFA-RM-11-014

This FOA solicits early stage, high-risk/high-impact applications to develop next-generation tools that distinguish heterogeneous states among cells in situ. Applications should define the current state of technology as a benchmark against which the new tool(s) will be measured and should propose proof-of-concept testing of the tool(s) in a complex biological tissue or living organism. The new tools should provide substantially increased sensitivity, selectivity, spatiotemporal resolution, scalability or non-destructive analysis of multiple global or functional measures of single cells. Direct costs are limited to $275K over a two-year project period, with no more than $200K in direct costs allowed in any single year. This FOA runs in parallel with two FOAs of identical scientific scope: RFA-RM-11-013, which utilizes the U01 Cooperative Agreements mechanism, and RFA-RM-11-015, which utilizes the R01 Research Project grant mechanism.
12/20/2011  Letter of Intent (optional)
1/25/2012  Application

**Genomic Resource Grants for Community Resource Projects (U41)**

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


Contact: Varies with research interest

Solicitation number: PAR-11-095

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

12/20/2011  Letter of Intent (encouraged)
1/25/2012  Application

**NIBIB Biomedical Technology Resource Centers (P41)**

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.

12/20/2011  Agency Letter of Intent
1/25/2012  Agency Application Deadline

**NINDS Diversity Research Education Grants in Neuroscience (R25) 2012 - Limited Submission**

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


Contact: Michelle Jones-London, 301/496-3102, jonesmiche@mail.nih.gov

Solicitation number: PAR-11-010

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. This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.

12/31/2011  Letter of Intent (optional)
1/31/2012  Application

**Technology Development to Enable Large Scale Metabolomics Analyses (R01)**

National Institutes of Health


Contact: David Balshaw, 919/541-2448, balshaw@niehs.nih.gov

Solicitation number: RFA-RM-11-019

This FOA is intended to support the development of novel technologies for metabolomics research in an effort to address current limitations in metabolomics research. The focus is on technological solutions for increasing the number, quantitative accuracy, specificity, and throughput of molecular identification; increasing the identification of specific classes of metabolites including lipids and non-polar molecules; increasing the ability to measure more unique chemical entities including isomers and enantiomers; and decreasing sample volume requirements, costs, and time of making accurate metabolomics measurements. Improvements are sought in sample preparation and handling, detector technologies and data analysis with a specific focus on metabolomics analyses. The maximum project period is five years.
Development of Outcome Measures to Determine Success of Hearing Health Care (R01)

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

[URL to PAR-10-112 FOA]

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

Solicitation number:  PAR-10-112

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

Molecular Imaging of the Lung- Phase 1 (R01)

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

[URL to RFA-HL-12-036 FOA]

Contact:  Qing Lin, 301/435-0222, sara.lin@nih.gov

Solicitation number:  RFA-HL-12-036

This FOA invites Research Project Grant (R01) applications to develop novel in vivo imaging reagents and technologies such as molecular probes that target pathways or cells involved in development and pathobiology of pulmonary diseases. In Phase I investigators will identify appropriate molecular targets with relevance to lung health and diseases, develop the appropriate molecular probes, in combination with innovative imaging approaches, and validate the developed probes in cells and in vivo animal models. Direct costs requested may not exceed $250K over a maximum of three years. NHLBI anticipates announcing a companion FOA for a Phase II that will be released at a later date, to support studies to extend molecular imaging methods to human studies for clinical applications in lung disease. Both phases will be open competitions.

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

National Institutes of Health, Cross-Institute

[URL to PAR-11-098 FOA]

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.

Advancing HIV Prevention through Transformative Behavioral and Social Science Research (R01)

National Institutes of Health, Cross-Institute

[URL to RFA-MH-12-080 FOA]

Contact:  Varies with research interest

Solicitation number:  RFA-MH-12-080

This Funding Opportunity Announcement (FOA) encourages applications that will advance generalizable knowledge about HIV prevention through transformative behavioral and social science research. Budgets for direct costs of up to $500K per year may be requested for up to five years.
NIGMS Centers for HIV AIDS-Related Structural Biology (P50) - Limited Submission

National Institutes of General Medical Sciences (NIGMS)


Contact: Michael Sakalian, 301/594-0828, sakalianm@mail.nih.gov

Solicitation number: RFA-GM-12-003

The National Institute of General Medical Sciences invites applications for Centers that will support structure determination and dynamic characterization of macromolecular complexes among and between components of the human immunodeficiency virus (HIV) and the components of host cells. Application budgets are limited for direct costs including equipment and Collaborative Development Program costs up to $3.2M per year. This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.

NIMH Research Education Programs for HIV AIDS

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.

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

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


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

Solicitation number: PA-10-290

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

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

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


Contact: Varies with research interest

Solicitation number: PA-11-006

This FOA is intended to stimulate model-driven research to understand the ways that people make decisions about engaging in behaviors that impact the risk of acquiring or transmitting HIV, or to adhere to treatments for HIV. Applications are encouraged to study cognitive, motivational, or emotional mechanisms and/or brain neuroendocrine and reinforcement systems that are related to HIV-risk behaviors or treatment non-compliance. This FOA runs in parallel with FOAs of identical scientific scope, PA-11-007, that encourages applications under the R21 mechanism and PA-11-008 that encourages applications under the R03 mechanism.
HIV Infection of the Central Nervous System (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest
Solicitation number: PA-11-014

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

Silvio O. Conte Digestive Diseases Research Core Centers (P30) - Limited Submission

National Institutes of Health


Contact: Judith Podskalny, 301/584-8876, podskalnyj@mail.nih.gov
Solicitation number: RFA-DK-11-022

This FOA invites applications for Silvio O. Conte Digestive Diseases Research Core Centers (DDRCCs). The purpose of this Centers program is to bring together basic and clinical investigators as a means to enhance communication, collaboration, and effectiveness of ongoing research related to digestive and/or liver diseases. DDRCCs are based on the core concept, whereby shared resources aimed at fostering productivity, synergy, and new research ideas among the funded investigators are supported in a cost-effective manner. Each proposed DDRCC must be organized around a central theme that reflects the digestive or liver diseases research focus of the center members. Only institutions at which there is an ongoing, strong base of digestive and/or liver diseases-related research are eligible. At least 50 percent of the already funded research base in a new application must be supported by the NIDDK. This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.

Brain Disorders in the Developing World - Research Across the Lifespan (R21)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest
Solicitation number: PAR-11-031

This FOA encourages exploratory/developmental planning grant applications proposing the development of innovative, collaborative research and research training projects, between high income country (HIC) and low- to middle-income country (LMIC) scientists, on brain and other nervous system function and disorders throughout life, relevant to LMICs. The planning grants are expected to lead to full research programs which contribute to the long-term goals of building sustainable research capacity in LMICs to address nervous system development, function and impairment throughout life and to lead to diagnostics, prevention, and treatment strategies. Applicants may request a project period of up to two years. The companion FOA is PAR-11-030, which accepts applications under the R01 Research Project Grant mechanism.
Fogarty International Research Collaboration - Behavioral and Social Sciences (FIRCA-BSS) Research Award (R03)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-11-036
This FOA facilitates collaborative behavioral and social sciences research between scientists supported by the National Institutes of Health (NIH) and investigators in low- and middle-income countries (LMICs). Special consideration will be given to proposed research that addresses significant global health problems and that includes research capacity building as a major aim of the proposed project. Budgets for direct costs for up to $50K per year and project duration of up to three years may be requested. This FOA runs in parallel with PAR-11-037, the FIRCA Basic Biomedical Research Award.

Fogarty International Research Collaboration - Basic Biomedical (FIRCA-BB) Research Award (R03)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-11-037
This FOA facilitates collaborative basic biomedical research between scientists supported by the National Institutes of Health (NIH) and investigators in low-and middle-income countries (LMIC). Special consideration will be given to proposed research that addresses significant global health problems and that includes research capacity building as a major aim of the proposed project. Budget for direct costs for up to $50K per year and project durations of up to three years may be requested. This FOA runs in parallel with PAR-11-036, the FIRCA Behavioral and Social Sciences Research Award.

New Methods for Understanding the Functional Role of Human DNA Sequence Variants in Complex Phenotypes (RFA-GM-13-002)
National Institutes of Health, National Institute of General Medical Sciences (NIGMS)
Contact: Donna Krasnewich, 301/594-0943, dkras@mail.nih.gov
Solicitation number: RFA-GM-13-002
This FOA solicits applications that propose experimental and computational approaches to determining the functional relevance of human DNA sequence variants. The maximum project period is four years.

Identifying Heart, Lung, and Blood Disease-Causing Variants (R01)
National Institutes of Health, National Heart, Lung, and Blood Institute (NHLBI)
http://grants.nih.gov/grants/guide/pa-files/PAR-12-043.html
Contact: Varies with research interest
Solicitation number: PAR-12-043
The objective of this initiative is to stimulate research to identify heart, lung, and blood disease-causing rare variants using the extensive exome data generated by the American Recovery and Reinvestment Act of 2009 (ARRA) GO exome sequencing project (GO ESP), CHARGE-S, and related genomic data. The maximum project 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.

NIDDK Program Project Applications (P01)
National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
Contact: Varies with research interest
Solicitation number: PAR-11-043
This FOA invites submission of investigator-initiated Program Project Applications. The proposed programs should address scientific areas relevant to the NIDDK mission including diabetes, endocrine and metabolic diseases, digestive diseases and nutrition, and kidney, urologic and hematologic diseases, as well as new approaches to prevent, treat and cure these diseases, including clinical research. Applications must have budgets greater than or equal to $500K in direct costs per year. New (Type 1) and renewal (Type 2) program project applications cannot request more than $6.25M in direct costs over the maximum project period, five years.

NIAID Resource Related Research Projects for AIDS, Allergy, Immunology and Transplantation (R24)
National Institutes of Health, National Institute of Allergy and Infectious Diseases (NIAID)
Contact: Varies with research interest
Solicitation number: PAR-11-056
This FOA invites submission of investigator-initiated Resource-Related Research Projects (R24) applications. These applications are limited to the research priorities of the Division of AIDS (DAIDS), and the Division of Allergy, Immunology and Transplantation (DAIT). The proposed resource must provide a significant benefit to currently funded high priority projects in need of further coordination and support in the areas specified. The proposed applications must address scientific areas relevant to the specific parts of the NIAID mission including the biology, pathogenesis, and host response to HIV; the mechanisms of normal immune function and immune dysfunction resulting in autoimmunity, immunodeficiency, allergy, asthma, and transplant rejection; and research to develop vaccines, therapeutics, and diagnostics to prevent and treat HIV, immune-mediated, and allergic diseases.
NIA Program Project Applications (P01)
National Institutes of Health, National Institute on Aging (NIA)
Contact: Robin Barr, 301/496-9322, BarrR@mail.nih.gov
Solicitation number: PAR-11-066
This FOA invites the submission of investigator-initiated program project (P01) applications relevant to the NIA mission. Each P01 submitted in response to this FOA must include at least three related research projects that share a common central theme, focus, and/overall objective. The maximum project period is five years. The companion FOA is PAR-10-284, National Institute on Aging: Revision Requests for Active Program Projects (P01).

NIDDK Education Program Grants (R25)
National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
Contact: Varies with research interest
Solicitation number: PAR-12-047
This funding opportunity announcement (FOA) encourages Research Education (R25) grant applications from applicant organizations that propose to create educational opportunities for undergraduate students, graduate students, and postdoctoral fellows in areas of biomedical or behavioral research of particular interest to the NIDDK, while fostering the career development of these students and fellows. The structure of the educational opportunity can include an intensive summer research program, a curriculum-based program or a combination of both experiences. The NIDDK is especially interested in attracting students and postdoctoral fellows from scientific disciplines underrepresented in disease-oriented biomedical research, such as engineering, informatics, computer science, and computational sciences, to encourage them to apply their expertise to research relevant to diabetes and other endocrine and metabolic diseases; digestive and liver diseases; nutrition; obesity research and prevention; and kidney, urologic and hematologic diseases. Up to $500K in direct costs over a five-year period may be requested.

National Cancer Institute (NCI) Cancer Education and Career Development Program (R25)
National Institutes of Health, National Cancer Institute (NCI)
Contact: Dorkina Myrick, 301/496-8580, myrickd@mail.nih.gov
Solicitation number: PAR-10-165
This FOA represents the continuation of the Cancer Education and Career Development Program (CECDP) established by the NCI. The purpose of the CECDP is to support the development and implementation of institutional curriculum dependent predoctoral or postdoctoral programs in the areas of cancer prevention and control, behavioral and population sciences research, nutrition, epidemiology, and/ or biostatistics. Total direct costs may not exceed $100K annually. The maximum project period for an award is five years.
NIAID Science Education Awards (R25)
National Institutes of Health, National Institute of Allergy and Infectious Diseases (NIAID)
Contact: Diane Adger-Johnson, 301/402-8969, da15a@nih.gov
Solicitation number: PAR-11-086
This FOA encourages applications that focus on the development of science education for K-12 students. It is expected that these education programs will provide outreach to a large audience of students at a national level, directly or through their teachers, using approaches where successes can be measured. Although the size of award may vary with the scope of the research education program application, the total direct costs are limited to $175K annually. The maximum project period is five years.

NHLBI Investigator-Initiated Resource-Related Research Projects (R24)
National Institutes of Health, National Heart, Lung, and Blood Institute (NHLBI)
Contact: Varies with research interest
Solicitation number: PAR-11-090
This FOA invites Resource-Related Research Project applications (R24) to support projects that will enhance the capabilities of ongoing basic, translational, and clinical research through the development of resources or infrastructure for use by the broader scientific community for furthering research. Only applications with budgets greater than $500K direct costs in at least one budgeted year will be considered for funding. The maximum project period is five years.

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

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

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


Contact: Varies with research interest

Solicitation number: PAR-10-245

This FOA encourages innovative, multidisciplinary, interactive, and synergistic program project grant applications that propose to conduct research on reproductive, developmental, behavioral, social, and rehabilitative processes that determine the health or functioning of newborns, infants, children, adults, families, and populations. For new applications, the first-year cap is $750K direct costs, with a cumulative cap of $4M direct costs over a five-year period.

**Support of NIGMS Program Project Grants (P01)**

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


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

Solicitation number: PAR-11-220

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

**NHLBI Program Project Applications (P01)**

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


Contact: Varies with research interest

Solicitation number: PAR-10-285

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


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


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

Solicitation number: PAR-10-289

This FOA encourages Resource Related Research Project grant applications (R24) aimed at developing, characterizing, or improving animal models of human diseases or improving diagnosis and control of diseases of laboratory animals. The animal models and related materials to be developed must address the research interests of two or more of the categorical NIH Institutes and Centers. The maximum project period is four years.
Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants (Parent T32)

National Institutes of Health, Cross-Institute


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

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

National Institutes of Health, Cross-Institute


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

NIA Alzheimers Disease Genetics Data Warehouse (U24)

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


NIA invites applications specific to infrastructure related to storage and analysis of primary and secondary data for the genetics of Alzheimer’s Disease. This FOA addresses NIA’s vital need for a central warehouse for the exchange of AD genetics and related data. The research resource should provide a large database of publicly available sequence and annotation data along with an integrated tool set for examining and comparing the genomes of affected and unaffected individuals, aligning sequence to genomes, and displaying and sharing users’ own annotation data. Besides data storage and data processing, the Data Warehouse should provide effective mechanisms for data distribution. NIH intends to fund one award, corresponding to a total of $500K, over a maximum period of five years.
NINDS Program Project Grant (P01)
National Institutes of Health, National Institute of Neurological Disorders and Stroke (NINDS)
Contact: Alan Willard, 301/496-9248, aw135y@nih.gov
Solicitation number: PAR-11-172
This FOA enables submission of program project grant applications that propose to conduct innovative, interactive research to answer significant scientific questions that are important for the mission of NINDS, via a synergistic collaboration between outstanding scientists who might not otherwise collaborate. The program project grant mechanism is designed to support research in which the funding of several interdependent highly meritorious projects as a group offers significant scientific advantages over support of these same projects as individual research grants. The maximum project period for these awards is five years.

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

Educational Programs for Demography and Population Science, Family Planning and Contraception, and Reproductive Research
National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)
Contact: Regina Bures, 301/496-9485, regina.bures@nih.gov
Solicitation number: PAR-11-292
This FOA encourages Research Education Project (R25) grant applications for educational activities related to Demography and Population Science, Family Planning and Contraception, and Reproductive Research. NICHD encourages applications for educational programs for interdisciplinary approaches, methodology, and the dissemination and use of existing datasets. Although total direct costs are not capped, budget requests of more than $175K per year must be fully justified. The maximum project period is five years.

Initiative for Maximizing Student Development FY2012 - Limited Submission
National Institutes of Health, National Institute of General Medical Sciences (NIGMS)
Contact: Alberto Rivera-Rentas, 301/594-3900, riverara@nigms.nih.gov
Solicitation number: PAR-09-104
This program is an opportunity to develop new or expand existing effective institutional developmental programs designed to academically and scientifically prepare underrepresented (UR) students in the biomedical or behavioral sciences for competitive research careers and leadership positions in these fields. The goals of the IMSD program are to (a) increase the number of UR students that graduate from Ph.D. programs in the biomedical and behavioral sciences at institutions with research intensive environments; and (b) reduce the gap in the completion of Ph.D. degrees between UR and non-UR students in the biomedical and behavioral science departments of those institutions. Strategies may include, but are not limited to, the initiation of new academic developmental activities as well as the expansion, enhancement, and/or improvement of existing activities. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.
1/25/2012 Application
5/25/2012 Application
9/25/2012 Application

**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.

1/25/2012 Application
5/25/2012 Application
9/25/2012 Application

**National Cancer Institute Program Project (P01) Applications**

National Institutes of Health, National Cancer Institute (NCI)


Contact: 301/496-3428, ncirefof@dea.nci.nih.gov

Solicitation number: PAR-12-005

This FOA invites applications for investigator-initiated program project (P01) grants. Proposed program projects may address any of the broad areas of cancer research, including (but not limited to) cancer biology, cancer treatment, cancer diagnosis, cancer prevention, and cancer control. Basic, translational, clinical, and/or population-based studies in all of these research areas are appropriate. Each Program Project application must consist of at least three component projects. The component projects must share a common central theme, focus, and/or overall objective. The maximum project period is five years.

1/25/2012 Application
5/25/2012 Application
9/25/2012 Application

**NIA MSTEM - Advancing Diversity in Aging Research (ADAR) through Undergraduate Research (R25)**

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


Contact: J. Taylor Harden, 301/496-0765, Hardent@mail.nih.gov

Solicitation number: PAR-12-016

This FOA encourages institutional Research Education Grant (R25) applications from institutions that propose creative and innovative research education programs to diversify the workforce in aging by (1) supporting undergraduate competency and completion in medicine, science, technology, engineering and mathematics (MSTEM), as they relate to aging and, also, by (2) application and transition to graduate study that advances a cadre of students from diverse backgrounds into NIA MSTEM fields. The interests of the NIA span biological, biomedical, behavioral, clinical and social sciences research across the lifespan with a focus on processes of aging through midlife and into old age. Direct costs of up to $350K per year over a maximum of five years may be requested. Three to four awards will be made.

1/25/2012 Application
5/25/2012 Application
9/25/2012 Application

**Cancer Education Grants Program (R25)**

National Institutes of Health, National Cancer Institute (NCI)


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

Solicitation number: PAR-12-049

The purpose of this FOA is to support innovative educational efforts that would help to reduce cancer incidence, morbidity, and mortality, and that would improve the quality of life of cancer patients. The maximum project period is five years.
Diabetes Research Centers (P30) 2012 - Limited Submission

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


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

Solicitation number: RFA-DK-11-015

Diabetes Research Centers are designed to support and enhance the national research effort in diabetes and related endocrine and metabolic diseases. Diabetes Research Centers support three primary research-related activities: Research Core services, a Pilot and Feasibility (P&F) program, and an Enrichment program. All activities pursued by Diabetes Research Centers are designed to enhance the efficiency, productivity, effectiveness and multidisciplinary nature of research in Diabetes Research Center topic areas. Application budgets are limited to $1M per year in direct costs. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

Function of Type 1 Diabetes Genes (DP3)

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


Contact: Beena Akolkar, 301/594-8812, akolkarb@mail.nih.gov

Solicitation number: RFA-DK-11-019

This FOA encourages Research Project Grant (DP3) applications for projects to determine the function of human leukocyte antigen (HLA) and non-HLA genes. In addition there are many human T1D regions for which there is no compelling functional candidate gene and thus additional work to identify causal genes and potential causal variants and elucidate the mechanisms whereby changes in the function or regulation of these genes are likely to provide crucial new insights into disease pathogenesis are also encouraged. Maximum direct costs are $5M to be used over a project period of up to five years. Three to five applications will be funded.

Understanding and Promoting Health Literacy (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-10-133

The ultimate goal of this FOA is to encourage empirical research on health literacy concepts, theory, and interventions as these relate to the DHS public health priorities. This FOA will utilize the R01 grant mechanism and runs in parallel with FOAs of identical scientific scope: PAR-10-134, which encourages applications under the R03 grant mechanism and PAR-10-135, which encourages applications under the R21 grant mechanism. The total project period may not exceed five years.

Alcohol Marketing and Youth Drinking (R01)

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


Contact: Aaron White, 301/451-5943, whitea4@mail.nih.gov

Solicitation number: PA-11-015

This FOA encourages grant applications that propose to investigate the factors that mediate and moderate the impact of alcohol advertising and other alcohol promotions on youth drinking. The project period may not exceed five years.
Epidemiology and Prevention in Alcohol Research (R01)

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


Contact: Marcia Scott, 301/402-6328, mscott@mail.nih.gov

Solicitation number: PA-11-016

This FOA encourages the submission of investigator-initiated research grant applications to support research investigating the epidemiology of alcohol use, alcohol-related harms, and alcohol use disorders and the prevention of underage drinking, alcohol-related harms, and alcohol use disorders. The maximum project period is five years.

Molecular Genetics of Drug Addiction and Related Co-Morbidities (R01)

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


Contact: Joni Rutter, 301/443-1887, jrutter@mail.nih.gov

Solicitation number: PA-11-026

This FOA encourages applications for research projects that identify and/or validate chromosomal loci and variations in genes that are associated with vulnerability to addiction and that inform the likelihood of responsiveness to treatment. Applications that propose to examine intermediate phenotypes or endophenotypes to assess the molecular genetics of drug addiction, addiction vulnerability and/or their associated co-morbidities and how they are related to drug addiction are especially encouraged. Also encouraged are genetic as well as computational and large-scale genomic approaches, which may include but are not limited to linkage, linkage disequilibrium, case-control or family-based studies, and integration of data from other databases that may supplement substance abuse genetics and genomics data.

The Development of Frontal Cortex and Limbic System and Their Roles in Drug Abuse (R01)

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


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

Solicitation number: PA-11-027

This FOA encourages proposals to study the development of the frontal and prefrontal cortices, together with the subcortical areas of the limbic system, that play significant roles in mediating emotional and motivated behavior. This initiative is designed to support the basic neuroscience research into the fundamental mechanisms of development of the frontal and prefrontal cortices, as well as the midbrain and basal forebrain structures that mediate a number of functions related to drug abuse and psychiatric disorders including: the euphoric properties of drugs, actions of psychotherapeutic agents, and memory, cognitive and emotional functions. An additional major goal of this initiative is to understand how exposure to drugs of abuse affects the cellular and molecular mechanisms underlying nervous system development of circuits implicated in drug reward and addiction.
Continued Development and Maintenance of Software (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-11-028
The goal of this FOA is to support the continued development, maintenance, testing, and evaluation of existing software. The proposed work should apply best practices and proven methods for software design, construction, and implementation to extend the applicability of existing biomedical informatics/computational biology software to a broader biomedical research community.

Collaborative Studies on the Central Nervous System and Glycemia (R01)
National Institutes of Health, Cross-Institute
Contact: Merrill Mitler, 301/496-99614, mitlerm@ninds.nih.gov
Solicitation number: PAS-11-029
This FOA promotes new interdisciplinary collaborations by researchers in neuroscience and in diabetes/metabolism to further understanding of the mechanisms by which the Central Nervous System (CNS) controls glucose levels and the consequences to the CNS of derangements in these mechanisms. A maximum of $750K in first year direct costs is available. The total project period may not exceed five years.

Functional Genetics, Epigenetics, and Non-coding RNAs in Drug Addiction Functional (R01)
National Institutes of Health, National Institute on Drug Abuse (NIDA)
Contact: John Satterlee, 301/435-1020, satterleej@nida.nih.gov
Solicitation number: PA-11-033
This FOA encourages basic functional genomic research in two areas: 1) functional validation to determine which candidate genes/variants/epigenetic/non-coding RNA features have an authentic role in addictive processes, and 2) detailed elucidation of the molecular pathways and processes modulated by candidate genes/variants, particularly for those genes with an unanticipated role in addiction. The project period may not exceed five years. NIH prior approval is required for any application requesting $500K or more in direct costs for any year. This FOA will utilize the R01 mechanism and runs in parallel with FOAs of identical scientific scope, PA-11-034, that encourages applications under the R21 mechanism and PA-11-035 that encourages applications under the R03 mechanism.
Understanding and Treating Co-Morbid Conditions in Adolescents with Intellectual and Developmental Disabilities

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


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

Solicitation number: PA-11-039

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

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

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


Contact: Varies with research interest

Solicitation number: PA-11-047

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

Studies in Neonatal Hypoglycemia (R01)

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


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

Solicitation number: PA-11-053

This FOA encourages applications to propose studies related to basic, applied, and translational research in neonatal hypoglycemia, which may lead to better monitoring and treatment strategies for altered neonatal glucose homeostasis. This FOA runs in parallel with FOAs of identical scientific scope, PA-11-054 and PA-11-055, that encourage applications under the R03 and R21 award mechanisms. Budgets for direct costs of up to $499,999 per year and project duration of up to five years may be requested.
Mechanisms of Adverse Drug Reactions in Children (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-11-051

This FOA encourages projects that enhance the state-of-the-science on the molecular and cellular, genetic and epigenetic mechanisms involved in the production of adverse drug reactions in children. The objective of this announcement includes research on the role of ontogeny and the characterization of pharmacogenetic and developmental variations of drug metabolizing enzymes (DMEs), transporters, ion channels, receptors and signaling pathways that are responsible for drug toxicity in the pediatric population. The maximum project period is five years. This FOA runs in parallel with PAR-11-052, which solicits applications under the R03 mechanism.

Developmental Pharmacology (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-11-057

This FOA encourages applications that propose to encourage multidisciplinary, investigator-initiated basic and translational research in developmental pharmacology with particular emphasis on the role of ontogeny on drug metabolizing enzymes, transporters, receptors and signaling pathways activity across developmental periods from fetal life to adolescence. Applications for an R01 award are limited to a total direct cost of $499,999 and may not exceed five years. This FOA runs in parallel with PAR-11-058, which solicits applications under the R03 Small Grant Program mechanism, and PAR-11-059, which solicits applications under the R21 Exploratory/Developmental Grant mechanism.

Research Into the Impact of Economic Fluctuations on Alcohol Consumption, Drinking Patterns, and Prevention

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


Contact: Robert Freeman, 301/443-8820, rfreeman@mail.nih.gov

Solicitation number: PA-11-061

This FOA encourages applications that propose to investigate the impact of national or local economic fluctuations on alcohol consumption, alcohol drinking patterns, and the prevention and treatment of problem drinking. The maximum project period is five years. This FOA runs in parallel with PA-11-062, which solicits applications under the R21 mechanism.

Neuroimmune Mechanisms of Alcohol Related Disorders (R01)

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


Contact: Changhai Cui, 301/443-1678, changhai.cui@nih.gov

Solicitation number: PA-11-064

This FOA encourages proposals to study the neuroimmune mechanisms of alcohol related disorders. Studies supported by this FOA will provide fundamental insights of neuroimmune mechanisms underlying brain functional and behavioral changes induced by alcohol. This FOA runs in parallel with PA-11-065, which solicits applications under the R21 mechanism.
Mitochondria in Cancer Epidemiology, Detection, Diagnosis and Prognosis (R01)
National Institutes of Health, National Cancer Institute (NCI)
Contact: Varies with research interest
Solicitation number: PA-11-073
This FOA encourages Research Project Grant (R01) applications that propose to develop and validate new mitochondrial-related biomarkers for cancer early detection, diagnosis, prognosis, risk assessment, and response to preventive and ameliorative treatments.

Focal Cognitive Deficits in CNS Disorders (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-11-067
The purpose of this FOA is to invite grant applications to expand basic and translational research, including intervention research, on the types, nature, and functional consequences of focal or specific cognitive deficits experienced by persons with central nervous system disorders. The Office of Behavioral and Social Sciences Research (OBSSR) joins this FOA as part of its efforts to promote research on the behavioral and social aspects of health and illness.

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

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

National Institutes of Health, Cross-Institute

Contact: Varies with research interest

Solicitation number: PA-10-213

This FOA encourages applications that propose the development of assays for high-throughput screening relevant to processes and diseases with the intent of using them to screen for small molecule compounds that show desired properties as probes for use in advancing knowledge about the relevant target, identifying new targets, or serving as pre-therapeutic leads. Assays should be relevant to the scope of the research for at least one of the sponsoring NIH Institutes.

Research on Alcohol-Related Public Policies (R01)

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

Contact: Gregory Bloss, 301/443-3865, gbloss@mail.nih.gov

Solicitation number: PA-11-087

This FOA invites applications to conduct research on the effects of alcohol-related public policies on health, economic, and social behaviors and outcomes. The purpose of the FOA is to advance understanding of public policy pertaining to alcohol as a tool for improving public health and welfare. Research supported by this FOA includes, but is not necessarily limited to, studies examining the effects of alcohol-related public policies on health-related behaviors and outcomes, evaluations of public policies as tools for improving public health, and research to advance methods and measurement used in studying relationships between alcohol-related public policies and health-related behaviors and outcomes. This FOA runs in parallel with PA-11-088, which solicits applications under the R03 mechanism, and PA-11-089, which solicits applications under the R21 mechanism.

Reducing Health Disparities Among Minority and Underserved Children (R01)

National Institutes of Health, Cross-Institute

Contact: Varies with research interest

Solicitation number: PA-11-104

This FOA solicits applications that propose to conduct research to reduce health disparities among minority and underserved children. Specifically, this initiative focuses on ethnic and racial minority children and underserved populations of children. Specific targeted areas of research include biobehavioral studies that incorporate multiple factors that influence child health disparities such as biological, lifestyle factors, environmental, social, economic, institutional, and cultural and family influences; studies that target the specific health promotion needs of children with a known illness and/or disability; and studies that test and evaluate the comparative effectiveness of health promotion interventions conducted in traditional and nontraditional settings. The maximum project period is five years. The companion FOA is PA-11-105, which solicits applications under the R21 mechanism.
Ancillary Studies to the NIDDK Intestinal Stem Cell Consortium (R01)
National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
Contact: Jill Carrington, 301/402-0671, carringj@mail.nih.gov
Solicitation number: PAR-11-107
This FOA is to encourage applications to conduct ancillary studies to the NIDDK Intestinal Stem Cell Consortium (ISCC). Studies will make use of consortium collaborations, techniques, and resources to accelerate research into intestinal stem cells. The proposed ancillary study must be designed to advance the scientific research mission of the NIDDK by focusing on diseases and areas of interest to the Institute and commensurate with the interests and intent of the ISCC. The maximum period is five years.

Ribosomal Disorders and Their Role in Inherited Bone Marrow Failure Syndromes (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-11-121
This FOA encourages applications that propose collaborative research projects by multi-disciplinary teams to advance our understanding of molecular and cellular mechanisms underlying ribosomal dysfunction. These research areas include effects on hematopoiesis and their role in bone marrow failure syndromes. Multi-disciplinary expertise across basic and clinical components is encouraged. Applicants are encouraged to integrate ribosomal biology with bone marrow failure to develop and characterize models of ribosomopathies. The maximum project period is five years.

Family and Interpersonal Relationships in an Aging Context (R01)
National Institutes of Health, National Institute on Aging (NIA)
Contact: Erica Spotts, 301/496-3136, spottse@mail.nih.gov
Solicitation number: PA-11-128
This FOA invites researchers to submit R01 research grant applications on aging and the family. The objective of this research program is to expand understanding of the role of families and interpersonal relationships in the health and wellbeing of older people. This will be accomplished through increasing scientific knowledge on the effects of family and interpersonal relationships on behavioral and social processes of relevance to aging; and on how these processes change over the life course and across cohorts. A broad range of methods and approaches are encouraged. The maximum project period is five years.

The Central Processing of Taste Information (R01)
National Institutes of Health, National Institute on Deafness and Other Communication Disorders (NIDCD)
Contact: Barry Davis, 301/402-3464, davisb1@nidcd.nih.gov
Solicitation number: PA-10-201
This FOA supports research studying the role of the central nervous system in the processing of taste information and the perception of taste quality. The purpose of this FOA is to foster basic and clinical research on the central mechanisms underlying the perception of taste quality. The NIDCD encourages applications from investigators who are conducting research outside the field of gustation and who are using methodological approaches that have not been typically applied to but which would greatly promote scientific progress within the field.
Biology of Manual Therapies (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-10-209
This FOA encourages research grant applications that propose to investigate the basic science and mechanisms of action underlying the biomechanical, immunological, endocrinological or neurophysiological consequences of manual therapies, such as spinal manipulation, mobilization and massage therapy. This FOA will utilize the R01 grant mechanism and runs in parallel with a FOA of identical scientific scope, PA-10-210, that encourages applications under the R21 mechanism.

Economics of Retirement (R01)
National Institutes of Health, National Institute on Aging (NIA)
Contact: John Phillips, 301/496-3138, John.Phillips@nih.gov
Solicitation number: PA-11-138
This FOA encourages research on the economic and health-related factors that influence older persons’ choices on labor force participation as they near typical retirement age and throughout the later stages of life. Awards can be submitted for a maximum of five years. This FOA runs in parallel with PA-11-139, which solicits applications under the R03 Small Grant Program mechanism, and PA-11-140, which solicits applications under the R21 Exploratory Developmental Grant mechanism.

Nanoscience and Nanotechnology in Biology and Medicine (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-11-148
This FOA encourages applications that apply nanoscience and nanotechnology approaches to address problems in biology and medicine. The purpose of this FOA is to provide support for cutting-edge nanoscience and nanotechnology research that can lead to biomedical breakthroughs and new investigations into the diagnosis, treatment, and management of an array of diseases and traumatic injuries. This FOA will also support research projects that develop new or improved nanotechnology and nanoscience-based tools, methods, concepts, and devices that lead to a better understanding of basic biology in addition to conducting translational biomedical studies. The maximum project period is five years. This FOA runs in parallel with PA-11-149, which solicits applications under the R21 Exploratory/Developmental Grant mechanism.
Structural Biology of Membrane Proteins (R01)

National Institutes of Health, Cross-Institute

Contact: Varies with research interest
Solicitation number: PA-10-228

This FOA encourages grant applications that propose to develop research and methods to enhance the rate of membrane protein structure determination and to determine specific membrane protein structures. Innovative methods for expression, oligomerization, solubilization, stabilization, purification, characterization, crystallization, isotopic labeling, and structure determination of unique and biologically significant membrane proteins by x-ray diffraction, nuclear magnetic resonance (NMR), electron microscopy, mass spectrometry, and other biophysical techniques are encouraged.

Technology Development for Protein Modeling (R01)

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

Contact: Ward Smith, 301/443-9375, smithwar@nigms.nih.gov
Solicitation number: PAR-10-076

This FOA encourages grant applications that propose to develop novel technologies that will significantly improve the accuracy of comparative modeling methods for protein structure prediction. The two main goals of this FOA are to increase the quality of protein structure models to a level comparable to high-resolution X-ray crystal structures when known structures are available with 30% sequence identity to the modeling targets, and to increase model quality to 2 Angstroms RMSD or better when known structures are available with as low as 10% identity to the targets. The maximum project period allowable is five years.

Development, Application, and Evaluation of Prediction Models for Cancer Risk and Prognosis (R01)

National Institutes of Health, National Cancer Institute (NCI)

Contact: Varies with research interest
Solicitation number: PA-10-025

This FOA encourages research applications from clinicians, epidemiologists, geneticists, statisticians, and translational researchers working in the field of cancer control and prevention to improve existing models for cancer risk and prognosis by developing innovative research projects that use existing data, developing new models for cancer risk and prognosis, and validating new models and evaluating their utility in research and clinic settings. Investigators should address two major challenges in model development: integrating diverse types of data; and ensuring adequate validation. This FOA runs in parallel with one of identical scientific scope, PA-10-026, that encourages applications under the R21 mechanism.
Bioengineering Research Partnerships (BRP)
National Institutes of Health, Cross-Institute
Contact: Richard Conroy, 301/402-1486, conroyri@mail.nih.gov
Solicitation number: PAR-10-234
This FOA invites applications for R01 awards to support Bioengineering Research Partnerships (BRPs) for basic, applied, and translational multi-disciplinary research that addresses important biological, clinical or biomedical research problems. The partnership must include appropriate bioengineering or allied quantitative sciences in combination with biomedical and/or clinical components. BRPs may propose design-directed, developmental, discovery-driven, or hypothesis-driven research. It is expected that a BRP will have a well-defined goal or deliverable that will be achieved in a 5-10 year timeframe based on objective milestones specified in the initial application.

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

Strategies for Treatment of Young Adults with Alcohol Use Disorders (R01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Margaret Mattson, 301/443-0638, mmattson@mail.nih.gov
Solicitation number: PAS-10-246
This FOA invites applications to support new research on the treatment of young adults with alcohol use disorders. Despite having the highest prevalence of drinking, interventions for this group have been understudied. Gaps exist in understanding how to effectively engage this group in treatment, which treatments are the most effective, and how to maintain treatment gains in the longer term after treatment. This FOA will utilize the R01 grant mechanism and runs in parallel with two FOAs of identical scientific scope, PAS-10-247, that encourages applications under the R03 mechanism and PAS-10-248, that encourages applications under the R21 mechanism.
Treatment of Co-Occurring Alcohol Use Disorders and Depression Anxiety Disorders (R01)

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


Contact:  Deidra Roach, 301/443-5820, droach@mail.nih.gov

Solicitation number:  PAS-10-251

This FOA supports research on the treatment of individuals with co-occurring alcohol use disorders and depression or anxiety. The scope of interest includes innovative pharmacological and behavioral treatments based on biological, psychological, behavioral, and social/cultural models of etiology and treatment of comorbid alcohol use disorders and depression or anxiety. In addition, this FOA accepts Comparative and Effectiveness Research applications which compare two or more different existing treatments in this comorbid population. This FOA will utilize the R01 grant mechanism and runs in parallel with a FOA of identical scientific scope, PAS-10-252, that encourages applications under the R21 mechanism.

Structural Interventions, Alcohol Use, and Risk of HIV AIDS (R01)

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


Contact:  Robert Freeman, 301/443-8820, rfreeman@mail.nih.gov

Solicitation number:  PA-10-242

This FOA encourages research grant applications that propose to investigate the effectiveness of structural interventions that reduce the risk of HIV/AIDS transmission by changing the environment of alcohol use. This FOA will utilize the R01 grant mechanism and runs in parallel with a FOA of identical scientific scope, PA-10-243, that encourages applications under the R21 grant mechanism.

Behavioral Regulation Mechanisms of Alcohol Dependence and Related Phenotypes (R01)

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


Contact:  Ivana Grakalic, 301/443-7600, igrakalic@mail.nih.gov

Solicitation number:  PA-10-255

This FOA encourages proposals to examine the mechanisms of behavioral regulation contributing to the behavioral characteristics of alcohol dependence. This FOA will utilize the Research Project Grant (R01) award mechanism and runs in parallel with a FOA of identical scientific scope, PA-10-256, that encourages applications under the R21 grant mechanism. Applicants for an R01 award are not limited in dollars but need to reflect the actual needs of the proposed project. The maximum project period is five years.
Neurobiology of Migraine (R01)
National Institutes of Health, Cross-Institute
Contact: Linda Porter, 301/496-9964, porter@ninds.nih.gov
Solicitation number: PA-10-258
This FOA encourages grant applications for innovative research that will expand our current knowledge of neurobiological mechanisms underlying migraine headache, examine the role of neuromodulators, genetic and environmental influences in migraine susceptibility, and explore new targets for therapy development. This FOA will utilize the NIH Research Project Grant (R01) award mechanism and runs in parallel with a FOA of identical scientific scope, PA-10-259, that encourages applications under the NIH Exploratory/Developmental (R21) mechanism. It is expected that most applications will stay within the budgetary guidelines for a modular grant limited to $250K annual direct cost. Applicants may request support for up to five years.

Biomarkers of Infection-Associated Cancers (R01)
National Institutes of Health, National Cancer Institute (NCI), National Institute of Dental and Craniofacial Research (NIDCR)
Contact: Varies with research interest
Solicitation number: PA-11-158
This FOA encourages the submission of Research Project Grant (R01) applications that propose to identify biomarkers for cancers where the etiology of the disease is attributed to infectious agents. Proposed studies should apply high-throughput molecular profiling technologies so that disease-specific markers and/or profiles can be recognized and used to identify infected individuals in whom infected cells are progressing into cancer to distinguish high-risk populations. The maximum project period is five years.

High-Throughput-Enabled Structural Biology Partnerships (U01)
National Institutes of Health, National Institute of General Medical Sciences (NIGMS)
Contact: Ward Smith, 301/443-9375, smithwar@nigms.nih.gov
Solicitation number: PAR-11-176
This FOA encourages applications to establish partnerships between researchers interested in a biological problem of significant scope and researchers providing high-throughput structure determination capabilities through the NIGMS PSI:Biology network. Applicants to this FOA should propose work to solve a substantial biological problem for which the determination of many protein structures is necessary. The proteins should be amenable to high-throughput structure determination and/or should provide suitable targets to motivate new technology development. Awardees principal investigators will become part of the PSI:Biology Network Steering Committee and will work jointly with other investigators and NIH staff to manage the overall PSI:Biology initiative. The expected budget range is from $250K to $1.5M direct costs per year for project periods of two to four years.

Research on Ethical Issues in Biomedical, Social and Behavioral Research (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-11-180
The purpose of this FOA is to support investigator-initiated Research Project Grant (R01) applications that propose to study high priority bioethical challenges and issues associated with the types of biomedical, social, and behavioral research supported by the participating NIH Institutes/Centers. Only participating ICs will provide direct grant support under this FOA. The maximum project period is five years. This FOA runs in parallel with PA-11-181, which solicits applications under the R03 Small Grant mechanism, and PA-11-182, which solicits applications under the R21 Exploratory/Developmental Grant mechanism.
Circadian Rhythms and Alcohol-induced Tissue Injury (R01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Q. Max Guo, 301/443-0639, Max.Guo@nih.gov
Solicitation number: PA-11-178

This FOA encourages applications that propose to conduct mechanistic studies of the circadian rhythms involved in alcohol-induced organ damage. The objective of this FOA is to understand the molecular mechanisms of alcohol-induced tissue damage that involve central and peripheral circadian rhythms, particularly their connection with metabolism and metabolic disorders. The project period ranges from one to five years. This FOA runs in parallel with PA-11-179, which solicits applications under the R21 mechanism.

Enhancing Tumoricidal Activity of Natural Killer (NK) Cells by Dietary Components for Cancer Prevention (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-11-160

This FOA is designed to stimulate research efforts aimed at establishing the physiological significance of dietary components in modulating the tumoricidal cell activity of natural killer (NK) cells for cancer prevention. The maximum project period is five years. This FOA runs in parallel with PA-11-161, which solicits applications under the R21 Exploratory/Developmental Grant mechanism.

The Effect of Racial and Ethnic Discrimination & Bias on Health Care Delivery (R01)
National Institutes of Health, National Cancer Institute (NCI), National Heart, Lung, and Blood Institute (NHLBI)
Contact: Varies with research interest
Solicitation number: PA-11-162

This FOA encourages the submission of research project grant applications that propose to: 1) improve the measurement of racial/ethnic discrimination in health care delivery systems through improved instrumentation, data collection, and statistical/analytical techniques; 2) to enhance understanding of the influence of racial/ethnic discrimination in health care delivery and its association with disparities in disease incidence, treatment, and outcomes among disadvantaged racial/ethnic minority groups: and 3) to reduce the prevalence of racial/ethnic health disparities through the development of interventions to reduce the influence of racial/ethnic discrimination on health care delivery systems in the U.S. This FOA runs in parallel with PA-11-163, which solicits applications under the R21 mechanism, and PA-11-164, which solicits applications under the R03 mechanism.

NLM Express Research Grants in Biomedical Informatics (R01)
National Institutes of Health, National Library of Medicine (NLM)
Contact: Varies with research interest
Solicitation number: PAR-11-208

The National Library of Medicine supports research grants that advance the science of biomedical informatics. Biomedical informatics can be defined as the intersection of computer and information sciences with an application domain such as health care, public health, basic biomedical research, or clinical translational research. This grant has a limit of $250K per year in direct costs. The maximum project period is four years.
Nutrition and Diet in the Causation, Prevention, and Management of Heart Failure (R01)

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


Contact: Varies with research interest
Solicitation number: PA-11-165

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

Program for Extramural & Intramural Alcohol Research Collaborations (U01)

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


Contact: Peter Silverman, 301/402-6966, psilverm@mail.nih.gov
Solicitation number: PAR-11-189

The purpose of this FOA is to encourage collaboration between alcohol researchers in the extramural community and those within the NIAAA intramural research program. The objective of this FOA is to bring together the research expertise that, as a functioning collaborative unit, will address key alcohol-based research questions that would not otherwise be possible by the same individuals working towards similar goals in isolation. The goal of the research proposed by the collaborating investigators should address questions that advance the alcohol research field with respect to issues surrounding alcohol use disorders including dependence, and the effects of alcohol on health. The NIH Intramural Scientist will be a tenured or tenure-track scientist from the NIAAA Intramural division, with whom the PD/PI has made prior contact for the collaborative project. Applications may request up to $250K direct cost per year for up to five years.

The Impact of Parental Military Deployment and Reintegration on Child and Family Functioning (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: PA-11-200

The purpose of this FOA is to encourage interdisciplinary studies on the impact of parental military deployment, combat-related stress, and reintegration with the family on child social and affective development outcomes as well as on family functioning. The maximum project period is five years. This FOA runs in parallel with two FOAs of identical scientific scope, PA-11-201, which utilizes the R13 Support for Conferences and Scientific Meetings mechanism, and PA-11-202, which utilizes the R21 Exploratory/Developmental Research Grant Award mechanism.

Virtual Reality Technologies for Research and Education in Obesity and Diabetes (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest
Solicitation number: PA-11-211

This FOA encourages submission of hypothesis-testing research applications that capitalize on the unique capabilities of Virtual Reality (VR) technologies to visualize outcomes, teach, motivate, and to extend the health care and learning environments, in order to foster to foster desirable eating, physical activity, self-care, and other health-related behaviors necessary for prevention and management of obesity and diabetes. Of highest interest are well-designed multidisciplinary projects drawing on expertise in VR technologies and biomedical behavioral and pedagogical sciences. This FOA runs in parallel with three FOAs of identical scientific scope, PA-11-212, which utilizes the R21 Exploratory/Developmental Grant mechanism, RFA-HL-12-020, which utilizes the STTR R43/R44 (Phase I, Phase II, and Fast Track) mechanism, and RFA-HL-12-024, which utilizes the STTR R43/R44 (Phase I, Phase II, and Fast Track) mechanism.
**Spatial Uncertainty Data, Modeling, and Communication (R01)**

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-11-238

The purpose of this FOA is to support innovative research that identifies sources of spatial uncertainty (i.e., inaccuracy or instability of spatial or geographic information) in public health data, incorporates the inaccuracy or instability into statistical methods, and develops novel tools to visualize the nature and consequences of spatial uncertainty. This FOA runs in parallel with FOAs of identical scientific scope, PA-11-239, that encourages applications under the R21 mechanism, and PA-11-240, that encourages applications under the R03 mechanism.

**Obesity and Asthma Awareness and Management (R01)**

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


Contact: Karen Huss, 301/594-5970, azizn@mail.nih.gov

Solicitation number: PA-11-245

The purpose of this funding opportunity announcement is to stimulate research to examine the interconnections of asthma and obesity. Although the association between these 2 conditions has been found in many studies, the exact mechanisms for how this association arises are unresolved. Because both of these conditions have their beginnings in early life, an aspect of the association between them that requires more understanding is their common exposures in early life. Studies that investigate the molecular pathways linking asthma and obesity are encouraged. In addition, intervention studies targeting asthma or obesity and their effects on each one, and possible mechanisms of action are encouraged.

**Effects of Secondhand Smoke on Cardiovascular and Pulmonary Disease Mechanisms (R01)**

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

http://grants.nih.gov/grants/guide/pa-files/PA-11-244.html

Contact: Varies with research interest

Solicitation number: PA-11-244

This FOA invites applications that propose to better characterize the dose-response relationship between secondhand smoke (SHS) exposure and the cardiovascular and pulmonary diseases by improving our understanding of the mechanisms by which SHS contributes to these diseases. A wide range of research including animal and human laboratory studies, cohort and case control studies, and natural experiments resulting from home, workplace, and/or community changes in SHS exposure are consistent with this initiative.

**Mechanistic Studies of Pain and Alcohol Dependence (R01)**

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


Contact: Mark Egli, 301/594-6382, megli@mail.nih.gov

Solicitation number: PA-11-267

This FOA encourages applications that propose to conduct mechanistic studies on the relationship between alcohol drinking, alcohol dependence, and pain. The objective of this FOA is to understand genetic, pharmacological and learning mechanisms underlying the association between the propensity to drink alcohol and pain responses. This FOA runs in parallel with a FOA of identical scientific scope, PA-11-268, which utilizes the R21 Exploratory/Developmental Grant mechanism.
Gene-Environment Interplay in Substance Use Disorders (R01)
National Institutes of Health, Cross-Institute
Contact: Naimah Weinberg, 301/402-1908, nw46w@nih.gov
Solicitation number: PA-11-235
NIDA and NIAAA seek to stimulate and expand research on the interplay of genetic and environmental factors in the genesis, course, and outcomes of substance and alcohol use disorders (SUDs). New studies using genetically informative approaches are needed to elucidate the complex interplay of genetic and environmental factors in developmental trajectories of SUDs and comorbid conditions, deepen and refine phenotypic definitions of SUDs, and meet the methodologic challenges of the field. The maximum period is five years. This FOA runs in parallel with two FOAs of identical scientific scope, PA-11-236, which utilizes the R21 Exploratory/Developmental Grant mechanism, and PA-11-237, which utilizes the R03 Small Grant Program mechanism.

International Research Collaboration on Alcohol and Alcoholism (U01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Peggy Murray, 301/443-2594, pmurray@mail.nih.gov
Solicitation number: PAR-11-282
This FOA invites applications for the purpose of fostering international collaborations between alcohol research investigators within the United States and investigators located at non-United States laboratories and performance sites for the mutual advancement of our understanding of alcohol problems and of clinical and public health approaches to their solutions. The program is intended to provide funds for research activities to be undertaken jointly between the U.S. and non-U.S. laboratory that expands the research direction of both the U.S. and non-U.S. laboratories in a collaborative manner. Applications may request up to $250K direct cost per year for five years.

Molecular and Cellular Substrates of Complex Brain Disorders (R01)
National Institutes of Health, National Institute of Mental Health (NIMH), National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Varies with research interest
Solicitation number: PAR-11-299
This FOA encourages research grant applications directed toward the discovery of the impact of alterations associated with complex brain disorders on the fundamental cellular and molecular substrates of neuronal function. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PAR-11-300, which utilizes the R21 Exploratory/Developmental Grant mechanism.

Secondary Analysis of Existing Alcohol Epidemiology Data (R01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Wenxing Zha, 301/443-0633, zhaw@mail.nih.gov
Solicitation number: PA-11-308
This FOA encourages R01 Research Grant applications that propose to conduct secondary analysis of existing data sets. NIAAA seeks to enhance the understanding of the patterns of alcohol consumption and the epidemiology of alcohol-related problems. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-11-309, which utilizes the R03 Small Grant Program mechanism.
Drug Abuse Prevention Intervention Research (R01)

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


Contact: Kevin Conway, 301/443-6504, kconway@nida.nih.gov

Solicitation number: PA-11-311

The purpose of this FOA is to encourage Research Project Grant (R01) applications that propose to advance the science of drug abuse and drug-related HIV prevention through 1) the development of novel prevention approaches, 2) the testing of novel and adapted prevention intervention approaches, 3) the elucidation of processes associated with the selection, adoption, adaptation, implementation, sustainability, and financing of empirically validated interventions, and 4) the development of new methodologies suitable for the design and analysis of prevention research studies. The maximum project period is five years. This FOA runs in parallel with two FOAs of identical scientific scope: PA-11-312, which utilizes the R21 Exploratory/Developmental Grant mechanism, and PA-11-313, which utilizes the R03 Small Grant Program mechanism.

Systems Science and Health in the Behavioral and Social Sciences (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-11-314

This FOA encourages Research Project Grant (R01) applications 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 maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PAR-11-315, which utilizes the R21 Exploratory/Developmental Grant mechanism.

Single Cell Studies in Aging Research (R01)

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


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

Solicitation number: PA-11-320

This FOA encourages grant applications that propose to develop research on single cell biology to enhance the understanding of the mechanisms of normal aging and of age-related diseases. Applications using -omics technologies, imaging, optofluidic platforms, mass spectroscopy, whole genome sequencing, and other tools and technologies at the single cell level are encouraged since it is expected that the single cell approach will improve the determination of unique and biologically significant properties of tissues and organs during the aging process. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-11-321, which utilizes the R21 Exploratory/Developmental Grant mechanism.
Behavioral and Social Genomics of Aging - Opportunities in the Health and Retirement Study (R01)

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


Contact: Erica Spotts, 301/496-3136, spottse@mail.nih.gov

Solicitation number: PA-11-318

This FOA encourages applications taking advantage of the newly available genetic data to advance our understanding of how genetic, behavioral, and psychosocial factors affect the health and well-being of older Americans. Applications should use the genotype data from the Health and Retirement Study for new and innovative research purposes. Phenotype data is accessible through an application to the HRS, while genotype data can be accessed through an application to dbGaP. The maximum project period is five years.

Social Neuroscience and Neuroeconomics of Aging (R01)

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


Contact: Lis Nielsen, 301/402-4156, nielsenli@nia.nih.gov

Solicitation number: PAR-11-337

The National Institute on Aging (NIA) issues this FOA with special review to stimulate interdisciplinary aging-relevant research in the social, affective, and economic neurosciences. The NIA invites applications examining social, emotional, and economic behaviors of relevance to aging, using approaches that examine mechanisms and processes at both (a) the social, behavioral or psychological (emotional, cognitive, motivational) level, and (b) the neurobiological or genetic level. Proposals are encouraged that have an overriding emphasis on economic, social or emotional processes and associated genetic or neurobiological processes. Applications should demonstrate either relevance for aging or for age differences or age-related changes in these processes. Aging-relevant applications can address issues of importance to the well-being and health of either mid-life or older adults, and can include data spanning the entire life course. Application budgets are limited to $500K direct cost per year for up to five years. This FOA runs in parallel with a FOA of identical scientific scope, PAR-11-366, which utilizes the R21 Exploratory/Developmental Grant mechanism.

Collaborations with National Centers for Biomedical Computing (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-12-001

This FOA solicits projects from individual investigators or small groups to collaborate with the NIH Common Fund for Medical Research National Centers for Biomedical Computing (NCBCs). The intention of the collaborating projects is to engage researchers across the nation in building an excellent biomedical computing environment, using the computational tools and biological and behavioral application drivers of the funded NCBCs as foundation stones. The maximum project period is five years.

Implications of the Economic Downturn for Health, Wealth, and Work at Older Ages (R01)

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


Contact: John Phillips, 301/496-3138, john.phillips@nih.gov

Solicitation number: PA-12-009

This FOA invites research on the implications of exogenous shocks, such as those produced by the recent economic downturn, for health, economic circumstances, and planning throughout the life-cycle. The maximum project period is five years.
**Effects of Adolescent Binge Drinking on Brain Development (R01)**

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

http://grants.nih.gov/grants/guide/pa-files/PA-12-027.html

Contact: Lawrence Baizer, 301/443-9334, baizerl@mail.nih.gov

Solicitation number: PA-12-027

This FOA encourages Research Project Grant (R01) applications proposing to conduct mechanistic studies on the effects of adolescent binge alcohol consumption on synaptic maturation and myelin formation in the developing brain. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-12-028, which utilizes the R21 Exploratory/Developmental Grant mechanism.

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**Alcohol Impairment of Immune Function, Host Defense and Tissue Homeostasis (R01)**

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


Contact: M. Katherine Jung, 301/443-8744, jungma@mail.nih.gov

Solicitation number: PA-12-025

This FOA invites applications from researchers with broad ranges of expertise to study the consequences of alcohol consumption on immune function with the ultimate goal of alleviating infection and reversing alcohol-induced organ damage. The goal of this FOA is to attract applications on basic and translational research: 1) to identify how alcohol alters immune function; 2) to establish functional links between immune alterations and alcohol-related infections and organ damage; and 3) to develop means for mitigating immune impairment with the goal of alleviating alcohol-induced pathology. This FOA runs in parallel with a FOA of identical scientific scope, PA-12-026, which utilizes the R21 Exploratory/Developmental Grant mechanism. The maximum project period is five years.

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**Mechanisms Mediating Osteoarthritis in Aging (R01)**

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


Contact: Varies with research interest

Solicitation number: PA-12-019

This FOA invites applications that are intended to encourage and accelerate the characterization of new or underutilized models and the testing of hypotheses that will lead to an improved understanding of the mechanisms mediating osteoarthritic progression. This FOA runs in parallel with a FOA of identical scientific scope, PA-12-018, which utilizes the R21 Exploratory/Developmental Grant mechanism.
Investigations on Primary Immunodeficiency Diseases (R01)

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


Contact:  David Johnson, 301/496-7104, drjohnson@niaid.nih.gov

Solicitation number:  PAR-12-036

This FOA is intended to support innovative investigations in primary immunodeficiency diseases. Of particular interest are the detection of primary immunodeficiency diseases, the identification of the molecular basis of these diseases, and the design and pre-clinical development of innovative therapies for these diseases. Studies using samples obtained from humans and studies on animal models are encouraged. Investigators who have not received independent NIH funding in this field are encouraged to apply. The maximum project period is five years. This FOA runs in parallel with FOAs of identical scientific scope, PA-10-147, which utilizes the R03 Small Grant mechanism, and PAS-10-148, which utilizes the R21 Exploratory/Developmental Grant mechanism.

Research to Advance Vaccine Safety (R01)

National Institutes of Health, Cross-Institute

http://grants.nih.gov/grants/guide/pa-files/PA-12-037.html

Contact:  Varies with research interest

Solicitation number:  PA-12-037

The purpose of this FOA is to support research that will contribute to the overall understanding of vaccine safety. This research opportunity invites studies that address scientific areas potentially relevant to vaccine safety such as 1) physiological and immunological responses to vaccines and vaccine components, 2) how genetic variations affect immune/physiological responses that may impact vaccine safety, 3) identification of risk factors and biological markers that may be used to assess whether there is a relationship between certain diseases or disorders and licensed vaccines, 4) creation/evaluation of statistical methodologies for analyzing data on vaccine safety, including data available from existing data sources such as passive reporting systems, or 5) the application of genomic/molecular technologies to improve knowledge of vaccine safety. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-12-038, which utilizes the R21 Exploratory/Developmental Grant mechanism.

International Research Collaboration on Drug Abuse and Addiction Research (R01)

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


Contact:  Steven Gust, 301/443-6480, ipdirector@nida.nih.gov

Solicitation number:  PA-12-040

This FOA encourages collaborative research applications on drug abuse and addiction that take advantage of special opportunities that exist outside the U.S. Special opportunities include access to unusual talent, resources, populations, or environmental conditions in other countries that will speed scientific discovery. This year the scientific priorities include: linkages between HIV/AIDS and drug abuse, and prevention, initiation, and treatment of nicotine and tobacco use (especially among vulnerable populations such as children, adolescents, pregnant women, and those with co-morbid disorders).
### New Tools to Study Astrocyte Heterogeneity, Development and Function in Brain Regions Relevant to Mental Illness

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


Contact: David Panchision, 301/443-5288, panchisiond@mail.nih.gov

Solicitation number: RFA-MH-13-010

This FOA encourages research grant applications that propose the development or adaptation of cutting edge technologies for astrocyte research, discovery-based research on astrocyte diversity, development and/or function in the brain, and the application of these to the study of basic brain processes or pathophysiology relevant to mental illnesses. The primary objective of this FOA is to address barriers to astrocyte research that are due to the scarcity of tools and datasets to target and identify astrocytes rigorously. Applications should aim to transform the field of astrocyte research by generating resources that will be widely used throughout the neuroscience community. NIMH intends to fund eight or more awards with this FOA. The maximum project period is five years.

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### Bioengineering Interdisciplinary Training and Education for Type I Diabetes Research (T90 & R90)

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


Contact: Varies with research interest

Solicitation number: RFA-DK-11-023

The purpose of this FOA is to promote the development of an interdisciplinary workforce for conducting bioengineering research to develop innovative technologies for treatment of type 1 diabetes including creating integrated long term glucose regulated insulin delivery systems (artificial pancreas), beta cell or islet encapsulation for beta cell replacement therapy, and/or beta cell and autoimmunity imaging methods. This FOA will support three to five institutional training and education programs in type 1 diabetes research for postdoctoral level researchers with backgrounds in bioengineering and/or computational sciences.

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### Prevention and Treatment of Obesity, Diabetes, and Chronic Kidney Disease in Military Populations (R01)

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


Contact: Christine Hunter, 301/594-4728, ch514c@nih.gov

Solicitation number: PAR-12-048

The goal of this FOA is to encourage Research Project Grant (R01) applications on prevention and treatment of obesity, diabetes, and chronic kidney disease in military personnel (active duty and retired) and their families. The maximum project period is five years.

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

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


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

Solicitation number: PA-10-139

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

National Institutes of Health, Cross-Institute

Contact: Varies with research interest
Solicitation number: PA-10-147

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

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

National Institutes of Health, National Cancer Institute (NCI)

Contact: Young Kim, 301/496-0126, yk47s@nih.gov
Solicitation number: PA-10-088

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

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

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

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

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

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

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

Contact: Emily Harris, 301/594-4846, emily.harris@nih.gov
Solicitation number: PAR-10-041

This FOA will support meritorious research projects that involve secondary data analyses or development of statistical methodology using existing genome-wide data, relevant to human dental or craniofacial conditions or traits. Development of statistical methodology appropriate for analyzing genome-wide data, relevant to human dental or craniofacial conditions or traits, may also be proposed. Budgets for a maximum of $300K direct costs over a two-year period may be requested.
Proteomics in Auditory Developmental and Disease Processes (R21)

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

Contact: Nancy Freeman, 301/402-3458, freeman@mail.nih.gov

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

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

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

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.

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**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.

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**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.
Shared Instrumentation Grant (S10) 2012 - Limited Submission

The NCRR Shared Instrument Grant (SIG) program encourages applications from groups of NIH-supported investigators to purchase or upgrade a single item of expensive, specialized, commercially available instrumentation or an integrated system that costs at least $100K. The maximum award is $600K. Types of instruments supported include confocal and electron microscopes, biomedical imagers, mass spectrometers, DNA sequencers, biosensors, cell-sorters, X-ray diffraction systems, and NMR spectrometers among others. For eligibility, a major user group of three or more investigators who are Program Director(s)/Principal Investigator(s) on active NIH research grants with the following activity codes, P01, R01, U01, R35, R37, DPI and DP2 must be identified. Awards are made for one year and for direct cost of the instrument only. This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.

NIDCD Small Grant Program (R03)

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.

Myalgic Encephalomyelitis & Chronic Fatigue Syndrome - Etiology, Diagnosis, Pathophysiology, and Treatment (R0

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.

National Science Foundation (NSF)
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
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
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.

Research Experiences for Teachers (RET) Supplement Opportunity
National Science Foundation, Geosciences (GEO)
Contact: Varies with research interest
Solicitation number: NSF 11-052
The Research Experiences for Teachers (RET) Supplement Opportunity supports the participation of K-12 educators and community college science faculty in research projects funded by the Directorate for Geosciences (GEO). RET Supplements may be requested in one of two ways: (1) Investigators with an existing NSF research award may submit a request for supplemental funding; or (2) Proposers may include support for RET activities as part of a new (or renewal) research proposal to NSF. For further guidance and inquiries, including due dates, contact the cognizant program officer for the GEO program that is either currently funding the research, or will consider the new (or renewal) research proposal. The duration of the RET activity will generally be one year and the project may be carried out during summer months, during the academic year, or both. The total cost of the Supplement is generally limited to $12.5K per teacher.
**NSF-NIST Interaction in Basic and Applied Scientific Research in BIO, ENG & MPS**

National Science Foundation, Cross-Directorate


Contact: Varies with research interest

Solicitation number:

This program is designed to facilitate collaborative research and educational activities between NIST scientific and engineering staff and researchers supported by NSF. Support may be requested through use of supplemental funding requests to existing NSF awards for travel expenses and per diem associated with work on-site at NIST for NSF-supported PIs, co-PIs, post-doctoral scholars, undergraduate and graduate students and other personnel associated with the NSF-NIST collaborative research. Before writing a supplemental funding request, PIs should consult the cognizant Program Director for their current award to explore program priorities and interests. Only PIs on current NSF awards from the participating divisions (BIO, ENG, & MPS) are eligible to submit supplemental funding requests. Requests must not exceed $25K.

**CREATIV - Creative Research Awards for Transformative Interdisciplinary Ventures**

National Science Foundation


Contact: Varies with research interest

Solicitation number: NSF 12-011

The CREATIV grant program is part of the INSPIRE initiative to encourage cross-disciplinary science. The program will support new, potentially transformative, interdisciplinary opportunities that are not perceived to exist presently and is open to all NSF-supported areas of science, engineering, and education research. A CREATIV award must be substantially co-funded by at least two intellectually distinct NSF divisions or programs. The maximum total award is $800K for two co-funding programs, and $1M for three or more co-funding programs. Before writing and submitting a proposal, the PI must obtain written authorization to submit a CREATIV proposal by NSF program directors from at least two intellectually distinct divisions or programs. Proposals for support in FY 2012 may be submitted at any time between December 1, 2011, and June 15, 2012. Proposals will be reviewed internally at NSF.

12/14/2011 Full Proposal

**Software Infrastructure for Sustained Innovation (SI2) Scientific Software Innovation Institutes (S2I2)**

National Science Foundation, Cross-Directorate


Contact: Varies with research interest

Solicitation number: NSF 11-589

NSF's vision of a Cyberinfrastructure Framework for 21st Century Science and Engineering (CIF21) identifies advancing new computational infrastructure as a priority for driving innovation in science and engineering. This program includes three classes of awards: 1) Scientific Software Elements (SSE): SSE awards target small groups that will create and deploy robust software elements for which there is a demonstrated need that will advance one or more significant areas of science and engineering. 2) Scientific Software Integration (SSI): SSI awards target larger, interdisciplinary teams organized around the development and application of common software infrastructure aimed at solving common research problems. SSI awards will result in sustainable community software frameworks serving a diverse community. 3) Scientific Software Innovation Institutes (S2I2): S2I2 awards will focus on the establishment of long-term hubs of excellence in software infrastructure and technologies that will serve a research community of substantial size and disciplinary breadth.
National Robotics Initiative (NRI)
National Science Foundation
Contact: Varies with research interest
Solicitation number: NSF 11-553

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: Small projects of one or more investigators spanning 1 to 5 years and Large projects of Multi-disciplinary teams spanning 1 to 5 years.

Innovation Corps Program (I-Corps)
National Science Foundation, Cross-Directorate
Contact: Errol Arkilic, 703/292-8095, earkilic@nsf.gov
Solicitation number: NSF 11-560

The purpose of this program is to identify NSF-funded researchers who will receive additional support -- in the form of mentoring and funding -- to accelerate innovation that can attract subsequent third-party funding. This grant gives the project team access to resources to help determine the readiness to transition technology developed by previously-funded or currently-funded NSF projects. The outcome of the I-Corps projects will be threefold: 1) a clear go/no go decision regarding viability of products and services, 2) should the decision be to move the effort forward, a transition plan to do so, and 3) a technology demonstration for potential partners. One to 25 awards not exceeding $50K will be made. The maximum award duration is six months.

Cyberlearning - Transforming Education Cyberlearning
National Science Foundation, Cross-Directorate
Contact: Varies with research interest
Solicitation number: NSF 11-587

NSF seeks to integrate advances in technology with advances in what is known about how people learn to better understand how people learn with technology and how technology can be used productively to help people learn, through individual use and/or through collaborations mediated by technology; better use technology for collecting, analyzing, sharing, and managing data to shed light on learning, promoting learning, and designing learning environments; and design new technologies for these purposes, and advance understanding of how to use those technologies and integrate them into learning environments so that their potential is fulfilled. Cyberlearning awards will be made in three research categories, each focusing on a different stage of research and development: Exploratory (EXP), Design and Implementation (DIP), and Integration and Deployment (INDP). The Cyberlearning program will also support Capacity-Building Projects (CAP) and a Cyberlearning Resource Center (CRC).
Network for Computational Nanotechnology (NCN) - Limited Submission

National Science Foundation


Contact: Varies with research interest

Solicitation number: NSF 12-504

Through this solicitation, NSF provides an opportunity for the broader community to compete to reconfigure the Network for Computational Nanotechnology (NCN). The configuration of the new Network for Computational Nanotechnology will be restructured as a stand alone Cyber Platform awardee, which will provide computation, simulation and educational services to the nanoscience and engineering communities, including the current nanoHUB tools and educational materials. This platform will be funded by one award to a single university. Linked to that platform will be three new Nodes that will develop new tools and content that will be delivered to Cyber Platform for worldwide dissemination. NSF will fund the Cyber Platform and these new Nodes through four separate awards, which will be joined through their respective cooperative agreements to constitute the new reconfigured NCN.

The content development Node areas will be:
- NanoBIO - Create integrated computational tools to simulate biological phenomena across length scales, for the design of devices and systems;
- NanoMFG - Computation and simulation software to address the challenges of scaling up nanoscale in manufacturing;
- Nano-Engineered Electronic Device Simulation Node (NEEDS) - Computation and simulation tools to facilitate the development of nanoelectronic-based circuits, devices, and systems.

The Cyber Platform will be funded at up to $2.9M per year for five years, renewable for an additional five years. The individual new Nodes will be funded at up to $700K each per year for five years, pending quality and availability of funds. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

12/31/2011 Ongoing

Research Experiences for Teachers (RET) in Engineering and Computer Science Supplements

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


Contact: Varies with research interest

Solicitation number: NSF 11-509

The Research Experiences for Teachers (RET) in Engineering and Computer Science program encourages the active participation of both in-service and pre-service K-12 science, technology, engineering, computer science and mathematics (STEM) teachers and community college faculty in ongoing NSF supported engineering and computer science research. A request for funding of a RET in Engineering and Computer Science supplement should be made under an existing NSF ENG or CISE award or within a proposal for a new or renewed NSF ENG or CISE award. The description of the RET activity must clearly articulate in some detail the form and nature of the prospective K-12 STEM teacher and/or community college faculty member's involvement in the Principal Investigator's ongoing or proposed research. Supplements are limited to a maximum of $10K per teacher for a duration of one year subject to the availability of funds.

1/6/2012 Full Proposal
7/6/2012 Full Proposal

Petroleum and Geochemistry

National Science Foundation, Geosciences (GEO)


Contact: Sonia Esperanca, 703/292-8554, sesperan@nsf.gov

Solicitation number: NSF 09-543

This program supports basic research that addresses the formation and evolution of our planet using petrological and geochemical characteristics of Earth materials in the crust, mantle, and core. Proposals generally address the petrology and high-temperature geochemistry of igneous and metamorphic rocks (including mantle samples), mineral physics, economic geology, and volcanology.
Tectonics

The Tectonics Program supports a broad range of field, laboratory, computational, and theoretical investigations aimed at understanding the formation, evolution, and deformation of continental lithosphere through time. Because understanding such large-scale phenomena commonly requires a variety of expertise and methods, Tectonics supports integrated research involving the disciplines of structural geology, petrology, geochronology, sedimentology, stratigraphy, geomorphology, rock mechanics, paleomagnetics, geodesy, and other geophysical techniques.

Ocean Acidification (OA)

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: understanding the geochemistry and biogeochemistry of ocean acidification; 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 understanding how the earth system history informs our understanding of the effects of ocean acidification on the present day and future ocean. Regular research projects have a maximum of four years duration and $2.5M. Research Coordination Networks (RCN) proposals are expected to be five years in duration and budgets should not exceed $500K. Early-concept Grants for Exploratory Research (EAGER) requests may be for up to $300K and up to two years duration.

Virtual Organizations as Sociotechnical Systems (VOSS)

The VOSS program supports fundamental scientific research, particularly advances in social, organizational, and design science understanding, directed at advancing the understanding of how to develop virtual organizations and under what conditions virtual organizations can enable and enhance scientific, engineering, and education production and innovation. Award sizes are expected to range from $50K to $400K in total costs for the period of the grant with durations up to three years.

Systematics and Biodiversity Science (SBS)

The Systematics and Biodiversity Science Cluster supports research that advances our understanding of the diversity, systematics, and evolutionary history of organisms in natural systems. This Science Cluster comprises two core programs: Biodiversity: Discovery & Analysis, which supports all aspects of Biodiversity Science, including expeditionary and exploratory research in natural environments to advance the discovery, identification, description, classification and cataloguing of the world’s biodiversity, and Phylogenetic Systematics, which supports research that addresses significant questions about organismal evolution using phylogenetic approaches.
Division of Environmental Biology (core programs) (DEB)

National Science Foundation, Biological Sciences (BIO)

Contact: 703/292-8480, debquestions@nsf.gov

Solicitation number: NSF 11-573

This program supports fundamental research on populations, species, communities, and ecosystems. Scientific emphases range across many evolutionary and ecological patterns and processes at all spatial and temporal scales. Areas of research include biodiversity, phylogenetic systematics, molecular evolution, life history evolution, natural selection, ecology, biogeography, ecosystem structure, function and services, conservation biology, global change, and biogeochemical cycles. About 200 awards will be made each year.

Ethics Education in Science and Engineering (EESE) 2012 - Limited Submission

National Science Foundation

Contact: Varies with research interest

Solicitation number: NSF 11-514

The Ethics Education in Science and Engineering (EESE) program funds research and educational projects that improve ethics education in all fields of science and engineering that NSF supports, with priority consideration given to interdisciplinary, inter-institutional, and international contexts. Although the primary focus is on improving ethics education for graduate students in NSF-funded fields, the proposed programs may benefit advanced undergraduates as well. EESE invites proposals for research projects, education projects, and combinations of the two. The maximum award amount is $300K for 36 months. This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.

Algorithms for Threat Detection (ATD)

National Science Foundation, Mathematical and Physical Sciences (MPS)

Contact: Mary Ann Horn, 703/292-4879, mhorn@nsf.gov

Solicitation number: NSF 10-540

This program solicits proposals from the mathematical sciences community to develop algorithms for the detection of biological and chemical threats in two main areas: mathematical and statistical techniques for genomics and mathematical and statistical techniques for the analysis of data from sensor systems. There will be an estimated 15 to 30 awards.

Long Term Research in Environmental Biology (LTREB)

National Science Foundation, Biological Sciences (BIO)

Contact: Saran Twombly, 703/292-8133, stwombly@nsf.gov

Solicitation number: NSF 12-501

This FOA encourages the submission of proposals that generate extended time series of biological and environmental data to address ecological and evolutionary processes and resolve important issues in organismal and environmental biology. Researchers must have collected at least six years of previous data to qualify for funding, and these data must motivate the proposed research. The proposal also must present a cohesive conceptual rationale or framework for ten years of research. Six to eight awards will be made per year.
Informal Science Education (ISE)

National Science Foundation, Education and Human Resources (EHR)


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

Solicitation number: NSF 11-546

The ISE program supports innovation in anywhere, anytime, lifelong learning, through investments in research, development, infrastructure, and capacity-building for STEM learning outside formal school settings. Approximately eight Research, eight Pathways, 17 Full-Scale Development, 3 Broad Implementation, and up to 24 Connecting Researchers and Public Audiences awards (CRPA) will be made per year, with respective maximum amounts of $1.2M for up to three years, $250K for up to two years, up to $3M for up to five years, up to $3M for up to five years, and $150K for up to two years.

Secure and Trustworthy Cyberspace (SaTC)

National Science Foundation, Cross-Directorate


Contact: Varies with research interest

Solicitation number: NSF 12-503

This program seeks proposals that address cybersecurity from one or more of three perspectives: Trustworthy Computing Systems, Social, Behavioral and Economics, and Transition to Practice, as well as proposals that combine multiple perspectives. Proposers are invited to submit proposals in three project classes: Small projects of up to $500K total for a maximum of three years; Medium projects of up to $1.2M total for a maximum of four years; and Frontier projects of up to $10M total for a maximum of five years. NSF anticipates up to 50 Small awards, up to 12 Medium awards, and up to 2 Frontier awards.

Division of Integrative Organismal Systems

National Science Foundation, Biological Sciences (BIO)


Contact: Varies with research interest

Solicitation number: NSF 11-572

IOS supports research aimed at understanding why organisms are structured the way they are and function as they do. Proposals should focus on organisms as a fundamental unit of biological organization. PIs are encouraged to apply systems approaches that will lead to conceptual and theoretical insights and predictions about emergent organismal properties. Areas of inquiry include, but are not limited to, developmental biology and the evolution of developmental processes, nervous system development, structure, and function, physiological processes, functional morphology, symbioses, interactions of organisms with biotic and abiotic environments, and animal behavior. Approximately 200 awards will be made per year.

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.
Ocean Sciences Research Initiation Grants (OCE-RIG)

National Science Foundation


Contact: Larry Weber, 703/292-7240, lweber@nsf.gov

Solicitation number: NSF 11-578

The Division of Ocean Sciences (OCE) offers Research Initiation Grants in an effort to increase the participation of under-represented groups in the ocean sciences. Research Initiation Grants provide start up funding for researchers who have been recently appointed to tenure track (or equivalent) positions, with the twin goals of enhancing the development of their research careers and broadening the participation of under-represented groups in ocean sciences. The maximum award is $100K total for a duration of 12-24 months. Principal investigators must, at the time of proposal submission: be a U.S. citizen, national, or permanent resident; have accepted or are currently in a tenure track Assistant Professor level faculty position or equivalent research appointment, and have been in the position no more than 36 months; and have not been a Principal Investigator or co-Principal Investigator on a new federal research grant since starting the tenure track position.

Geoinformatics (GI)

National Science Foundation, Geosciences (GEO)


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

Solicitation number: NSF 11-581

Proposals for the development of cyberinfrastructure for the geosciences (Geoinformatics) are solicited. NSF seeks the development and implementation of enabling information technology with impacts that extend beyond an individual investigator or small group of investigators and that facilitates the next generation of geosciences research. Proposals to this solicitation may seek support for community-driven development and implementation of databases; tools for data integration, interoperability, and visualization; software development and code hardening; and data-intensive/new computing methodologies that support the enhancement of geosciences research and education activities. Collaboration with computational scientists and the development of public/private partnerships are strongly encouraged. 5 to 10 awards will be made.

Pan-American Advanced Studies Institutes Program

National Science Foundation, Cross-Directorates


Contact: Harold Stolberg, 703/292-8706, hstolber@nsf.gov

Solicitation number: NSF 10-517

PASIs aim to disseminate advanced scientific and engineering knowledge and stimulate training and cooperation among researchers of the Americas in the mathematical, physical, and biological sciences, the geosciences, the computer and information sciences, and the engineering fields through short courses. Lead investigators must consult with the PASI program before proposal submission. Whenever feasible, an interdisciplinary approach is recommended.

Cultural Anthropology Scholars Awards

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


Contact: Deborah Winslow, 703/292-7315, dwinslow@nsf.gov

Solicitation number: NSF 07-544

The National Science Foundation announces an opportunity for methodological training by cultural anthropologists who are active researchers. The purpose is to help cultural anthropologists upgrade their methodological skills by learning a specific analytical technique which will improve their research abilities. Awards will be for up to 12 months and for a maximum of $50K.
Cyber-Physical Systems (CPS)
National Science Foundation, Computer and Information Sciences and Engineering (CISE), Engineering (ENG)
Contact: Varies with research interest
Solicitation number: NSF 11-516
The CPS program seeks to establish bold new scientific foundations and engineering principles to conceptualize, design, analyze, implement, and certify cyber-physical systems. Two sizes of research and education proposals will be accepted. Medium Projects may span one or more CPS themes and must include two or more PIs and a research team of students and/or postdocs. Funding for Medium Projects will be provided at levels ranging from $300K to $500K per year for up to four years. Large Projects are multi-investigator and multi-university projects involving teams of researchers and their students and/or postdocs representing the multiple disciplines in computer science, engineering, and physical application domains, who together address a coherent set of research issues that either cut across multiple CPS themes or that explore in great depth a particular theme. Funding for Large Projects will be up to $1M per year for up to five years.

Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories
National Science Foundation, Cross-Directorate
Contact: Varies with research interest
Solicitation number: NSF 12-505
The NSF invites proposals that address the general goal of Biological Field Stations and Marine Laboratories improvement. Requests must fall exclusively into one of two classes: Improvement or Planning. Improvement proposals should focus on well-defined projects of major equipment acquisition, data management and communication systems modernization, or physical plant improvement. Planning proposals are for strategic institutional planning for the long term research and education goals of the station. Proposals may request up to $350K, except that requests for planning grants are limited to $25K. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

Graduate Research Diversity Supplements (GRDS) to Current ENG Awards to Broaden Participation
National Science Foundation, Engineering (ENG)
Contact: Varies with research interest
Solicitation number: NSF 12-007
This program provides supplements to current research grants funded by the divisions in the Directorate for Engineering. The objective is to promote increased participation of new PhD students in all fields of engineering research with particular emphasis on individuals from underrepresented groups in the U.S. The long-term goal is to increase the number of persons from underrepresented groups in advanced academic and professional careers. PIs may request a GRDS for 12 months, renewable annually for a period of three years. The maximum annual amount is $41K.

Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences (CDS&E-MSS)
National Science Foundation, Mathematical and Physical Sciences (MPS)
http://nsf.gov/funding/pgm_summ.jsp?pims_id=504687
Contact: Varies with research interest
Solicitation number: PD 11-8069
Growing out of scientific computation and the explosion in production of digital and observational data, Computational and Data-Enabled Science and Engineering is emerging as a distinct intellectual and technological discipline lying at the interface of mathematics, statistics, computational science, core sciences and engineering disciplines. This program supports fundamental research at the core of this emerging discipline. It supports broadly innovative, ambitious and transformative research that will lead to significant advancement in CDS&E. The emphasis will be on mathematical, statistical, computational, and algorithmic developments, as well as their applications in advancing modern cyberinfrastructure and scientific discovery. Multidisciplinary collaboration and the training of the next generation data and computational scientists firmly grounded and trained in mathematics and statistics will be strongly encouraged.
**Law & Social Sciences (LSS)**
National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)
Contact: Christian Meissner, 703/292-7808, cmeissne@nsf.gov
Solicitation number: NSF 12-507
This program considers proposals that address social scientific studies of law and law-like systems of rules. The program is inherently interdisciplinary and multi-methodological. Successful proposals describe research that advances scientific theory and understanding of the connections between law or legal processes and human behavior. LSS provides the following modes of support: 1) Standard Research Grants and Grants for Collaborative Research; 2) Doctoral Dissertation Research Improvement Grants; 3) Interdisciplinary Postdoctoral Fellowships; and 4) Workshop and Conference Proposals. Approximately 75 awards will be made.

**Cognitive Neuroscience**
National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)
Contact: Lynne Bernstein, 703/292-8643, lbernste@nsf.gov
Solicitation number: NSF 09-563
This program seeks highly innovative and interdisciplinary proposals aimed at advancing a rigorous understanding of how the human brain supports thought, perception, effect, action, social processes, and other aspect of cognition and behavior, including how such processes develop and change in the brain and through time. This program supports Individual Investigator Research Projects as well as Workshops.

**Promoting Research and Innovation in Methodologies for Evaluation (PRIME)**
National Science Foundation, Education and Human Resources (EHR)
Contact: 703/292-8650, DRLPRIME@nsf.gov
Solicitation number: NSF 12-508
The PRIME program seeks to support research on evaluation with special emphasis on exploring innovative new approaches for determining the impacts and usefulness of evaluations of STEM education projects and programs; building on and expanding the theoretical foundations for evaluating STEM education and workforce development initiatives, including translating and adapting approaches from other fields; and growing the capacity and infrastructure of the evaluation field. Two types of proposals will be supported by the program: Exploratory Projects that include proof-of-concept and feasibility studies and more extensive Full-Scale Projects. Approximately 10-12 full scale and approximately 3-5 exploratory projects will be selected for funding.

**Methodology, Measurement, and Statistics (MMS)**
National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)
Contact: Cheryl Eavey, 703/292-7269, ceavey@nsf.gov
Solicitation number: NSF 12-510
This interdisciplinary program supports the development of innovative analytical and statistical methods and models for those sciences. MMS seeks proposals that are methodologically innovative, grounded in theory, and have potential utility for multiple fields within the social and behavioral sciences. The program supports a variety of different types of awards, including: Regular Research Awards; Mid-Career Research Fellowships; Doctoral Dissertation Research Improvement Grants; and Research Experience for Undergraduates (REU) Supplement.
**Metadata for Long-standing Large-Scale Social Science Surveys (META-SSS)**
National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)

Contact: Patricia White, 703/292-8762, pwhite@nsf.gov
Solicitation number: NSF 11-583

This solicitation seeks proposals that will develop tools to bridge data collection and dissemination by first, collecting and coding metadata associated with future waves of the American National Election Studies (ANES), General Social Survey (GSS), and Panel Study of Income Dynamics (PSID) surveys as collection and processing techniques evolve; and second, migrating (or "retrofitting") metadata associated with earlier (i.e., legacy) waves of these surveys into formats and schema that are compatible with current and future collection efforts. The goal is to fund projects that will help make the many years of legacy data available to researchers who seek to answer current scientific questions. Proposals that incorporate metadata for all three surveys are preferred. One or two awards will be made, amounting $400K to $1M over two years.

2/1/2012 Full Proposal
8/1/2012 Full Proposal

**Science, Technology, and Society (STS)**
National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)

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

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

2/1/2012 Agency Proposal Deadline

**Sustainable Energy Pathways (SEP) - Limited Submission**
National Science Foundation, Cross-Directorate

Contact: Varies with research interest
Solicitation number: NSF 11-590

This solicitation calls for innovative, interdisciplinary basic research in science, engineering, and education by teams of researchers for developing systems approaches to sustainable energy pathways based on a comprehensive understanding of the scientific, technical, environmental, economic, and societal issues. This solicitation considers scalable approaches for sustainable energy conversion to useful forms, as well as its storage, transmission, distribution, and use. The award size is expected to be up to $500K per year for up to four years per proposal. Project teams must include a minimum of three investigators representing more than one scientific discipline. UCSB may submit up to three proposals. Contact funding@research.ucsb.edu if you are interested in submitting.

2/2/2012 Application

**Science of Organizations (SoO)**
National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504696

Contact: Jacqueline Meszaros, 703/292-7261, jmeszaro@nsf.gov
Solicitation number: PD 11-8031

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

National Science Foundation, Cross-Directorate

Contact: Varies with research interest
Solicitation number: NSF 11-531

The goal of the RCN program is to advance a field or create new directions in research or education. Groups of investigators will be supported to communicate and coordinate their research, training and educational activities across disciplinary, organizational, geographic and international boundaries. Participating core programs in Biological Sciences (BIO), Geosciences (GEO), Social, Behavioral and Economic Sciences (SBE), Cyberinfrastructure (OCI), and Polar Programs (OPP) will accept general RCN proposals. Additional targeted tracks within the RCN programs are intended to foster linkages across directorates. The Science, Engineering and Education for Sustainability (RCN-SEES) track focuses on interdisciplinary topics that will advance sustainability science, engineering and education as an integrative approach to the challenges of adapting to environmental, social and cultural changes associated with growth and development of human populations, and attaining a sustainable energy future. The Undergraduate Biology Education (RCN-UBE) track could focus on any topic likely to lead to improved participation, learning, or assessment in undergraduate biology curricula. Individual awards for the general RCN and RCN-UBE may be up to $500K over a duration of five years. RCN-SEES awards may be up to $750K over a duration of 5 years. General (non-targeted) RCN proposals should be submitted to a participating program in BIO, GEO, SBE, OCI or OPP. Refer to the specific program website for submission dates. PIs are encouraged to discuss suitability of an RCN topic with the program.

Smart Health and Wellbeing (SHB)

National Science Foundation, Cross-Directorate

Contact: Varies with research interest
Solicitation number: NSF 12-512

NSF seeks to address fundamental technical and scientific issues that would support much needed transformation of healthcare from reactive and hospital-centered to preventive, proactive, evidence-based, person-centered and focused on wellbeing rather than disease. The issues to be addressed include, but are not limited to, sensor technology, networking, information and machine learning technology, modeling cognitive processes, system and process modeling, and social and economic issues. Proposers are invited to submit proposals in two project classes: Type I: Exploratory Projects (EXP), amounting $200K to $600K total over two to three years; and Type II: Integrative Projects (INT), amounting $600K to $2M total over four to five years. Six to ten EXP awards and four to eight INT awards will be made.

Research on Gender in Science and Engineering (GSE)

National Science Foundation, Education and Human Resources (EHR)

Contact: Jolene Jesse, 703/292-7303, jjesse@nsf.gov
Solicitation number: NSF 10-516

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

National Science Foundation, Engineering (ENG)

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503584

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

Solicitation number: PD 10-1340

The Division of Engineering Education and Centers (EEC) seeks to enable a world-leading system of engineering education, equally open and available to all members of society, that dynamically and rapidly adapts to meet the changing needs of society and the nation’s economy. Research areas of interest include, but are not limited to: 1) Increasing our understanding of how engineering students learn and the capacity that supports such discovery; 2) Understanding how to increase the diffusion and impact of engineering education research; 3) Understanding engineering education in broader, organizing frameworks such as innovation, globalization, complex engineered systems, or sustainability; and 4) Diversifying pathways to and through engineering degree programs. Most projects will be funded at approximately $100K per year.

2/15/2012 Full Proposal

Strategic Technologies for CyberInfrastructure (STCI)

National Science Foundation, Office of Cyberinfrastructure

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503475

Contact: 703/292-8970, stci@nsf.gov

Solicitation number: PD 11-7684

The primary goal of the Strategic Technologies for Cyberinfrastructure (STCI) Program is to support activities based on experimental/innovative hardware or software systems or other unique cyberinfrastructure activities that enable leading edge scientific and engineering research and education with broader impact realized across our entire society. These systems or activities should not be appropriate for funding by any other current programs or solicitations, and should be able to demonstrate the potential to evolve into innovative, scalable, highly useful and usable cyberinfrastructure as part of CIF21. Investigators are strongly encouraged to discuss their ideas with program officers associated with the program.

2/15/2012 Full Proposals

Designing Materials to Revolutionize and Engineer our Future (DMREF)

National Science Foundation


Contact: Varies with research interest

Solicitation number: NSF 11-089

As part of a new national materials initiative entitled Materials Genome Initiative for Global Competitiveness, the NSF is interested in activities that accelerate materials discovery and development by building the fundamental knowledge base needed to progress towards designing and making a material with a specific and desired function or property from first principles. Also of interest to NSF are proposals that seek to advance fundamental materials understanding across length and time scales to elucidate the effects of microstructure, surfaces, and coatings on the properties and performance of engineering materials. The ultimate goal is to enable control of material properties through design via the establishment of the interrelationships between constitution, processing, structure, properties, performance and process control. The proposed research must be a collaborative and iterative process where computation guides experiments and theory, while experiments and theory advance computation. DMREF proposals must be submitted to DMR, CMMI, or CBET in accordance with the applicable submission window 15 January to 15 February 2012. Participants interested in submitting proposals are strongly encouraged to first contact one of the program officers listed in the Dear Colleague Letter.

2/15/2012 Full Proposal

Advancing Health Services through System Modeling Research

National Science Foundation, Engineering (ENG)


Contact: Russell Barton, 703/292-2211, rbarton@nsf.gov

Solicitation number: NSF 12-515

NSF, in collaboration with the Health Information Technology (IT) Portfolio at the Agency for Healthcare Research and Quality (AHRQ), will accept and review investigator-initiated proposals that address systems modeling in health services research. Through this partnership, NSF and AHRQ look to foster new collaborations among health services researchers and industrial and systems engineers with a specific emphasis on the supportive role of health IT. Approximately three to six awards will be made.
Physical and Engineering Sciences in Oncology (PESO)
National Science Foundation, Engineering (ENG), Mathematical and Physical Sciences (MPS)
Contact: Varies with research interest
Solicitation number: NSF 12-514

NSF in collaboration with the Office of Physical Sciences-Oncology (OPSO) of the National Cancer Institute will accept and review investigator-initiated proposals related to the application of physical and engineering sciences knowledge towards understanding cancer diseases. Approximately 5 to 10 grants will be awarded.

Private/Nonprofit Agencies

Ongoing

Surdna Foundation Grants
Surdna Foundation
http://www.surdna.org/what-we-fund/funding-overview.html
Contact: 212/557-0010, questions@surdna.org
Solicitation number:
The Surdna Foundation fosters just and sustainable communities by making grants in the areas of: Sustainable Environments, with the goal of creating just and sustainable communities where consumption and conservation are balanced and innovative solutions to environmental problems improve people’s lives; Strong Local Economies, with the objective of providing early support for communities that seek to increase access to opportunity for all residents to build their wealth in a sustainable manner; and Thriving Cultures, with the purpose of strengthening both individual and institutional cultural assets, contributing to vibrant communities. Organizations are eligible for a maximum of three consecutive years of funding. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Ongoing

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

Ongoing

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.
Asia Responsive Grants
Henry Luce Foundation
http://www.hluce.org/asiarespongrant.aspx
Contact: 212/489-7700, hlf1@hluce.org
Solicitation number:
These grants provide opportunities to improve understanding between the United States and the Asia-Pacific region. They typically support research, create new scholarly and public resources, or promote the exchange of ideas and information between Americans and Asians. These grants are limited to work in the humanities and social sciences concerned with Northeast and Southeast Asia, typically for longer-term programs or projects that respond to the needs and priorities of the Asian studies field and benefit a wide range of scholars and institutions. Requests for funding may be submitted at any time during the year, beginning with a brief letter of inquiry. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

PepsiCo Grants
PepsiCo
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.

Visual Arts Grants
The Elizabeth Greenshields Foundation
http://www.elizabethgreenshieldsfoundation.org/main.html
Contact: 514/937-9225, greenshields@bellnet.ca
Solicitation number:
The purpose of the Foundation is to aid artists in the early stages of their careers. Awards are limited to candidates working in the following: painting, drawing, printmaking, and sculpture. Applicants must have started or completed art school training or must demonstrate, through past work and future plans, a commitment to making art a lifetime career. Funds may be used for any art-related purpose: study, travel, studio-rental, purchase of materials, etc. The award amount is normally $15K CDN. Applications are accepted on an ongoing basis. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Mellon Foundation Grants
The Andrew W. Mellon Foundation
http://www.mellon.org/grant_programs/programs
Contact: Varies with research interest
Solicitation number:
The Foundation supports grantees within five defined program areas: Higher Education and Scholarship; Scholarly Communications and Information Technology; Museums and Art Conservation; Performing Arts; and Conservation and the Environment. The Foundation is committed to identifying the best ideas, and the ablest intellectual leaders in its areas of interest, as well as making certain that the leaders of the institutions that it supports are both exceptional and fully behind the proposed work. Funding varies with project scope and interested researchers are asked to submit letters of inquiry to the appropriate program. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
**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.

Contact: waitt@ngs.org

Solicitation number:

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

**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.

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

Solicitation number:

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

**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.

Contact: cre@ngs.org

Solicitation number:

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

**FSSS Grants-in-Aid Program**

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

Elsa U. Pardee Foundation  
[http://www.pardeefoundation.org/grants.aspx](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.

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**Waitt Foundation Grants**

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

**Contact:** 858/551-4400

**Solicitation number:**

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

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**Michelson Grants in Reproductive Biology**

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

**Contact:** MichelsonPrize@foundanimals.org

**Solicitation number:**

Multiple multi-year grants are available for research in pursuit of non-surgical sterilization products or technologies for use on dogs and cats. Investigators are required to submit a brief letter of intent containing: a proposed approach for developing a single dose non-surgical sterilant; the rationale for proposing this approach; and an overview of required research. The Foundation recommends that work described in proposals not exceed three years' duration and $250K per year. If the letter of intent is approved, investigators will be invited to submit a full grant application.

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**Energy Foundation Grants**

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

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

**Solicitation number:**

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

**Arts & Culture Program**

The Nathan Cummings Foundation

[http://www.nathancummings.net/arts/000018.html](http://www.nathancummings.net/arts/000018.html)

Contact: arts@nathancummings.org

Solicitation number:

The goal of this program is to create a stronger and more socially just society by building the field of Art and Social Justice and amplifying the voices of underrepresented communities. The four objectives are: art; practice; communication; and policy. Priority will be given to initiatives that: have national or regional impact; address issues that are timely and relevant; involve participating artists or cultural institutions that demonstrate effective practices; and have broad and innovative plans for the dissemination of the work. Letters of Inquiry are accepted at all times of the year, and the best applicants will be invited to send in an application. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

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**Lumina Grants**

Lumina Foundation


Contact: Candace Brandt, 317/951-5300

Solicitation number:

Lumina’s overarching goal is to increase the higher education attainment rate of the United States to 60 percent by 2025. Lumina supports efforts to increase awareness of the benefits of higher education, improve student access to and preparedness for college, improve student success in college, and increase productivity across the higher education system. Grants vary in size by their scope. The median size of a grant is approximately $250K. The usual duration for a grant is one to three years. Unsolicited inquiries are reviewed until September, and selected applicants will be invited to send in a full proposal. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

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**Lannan Foundation Grants**

Lannan Foundation


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

Solicitation number:

Lannan Foundation is a family foundation dedicated to cultural freedom, diversity and creativity through projects which support exceptional contemporary artists and writers, as well as inspired Native activists in rural indigenous communities. The Foundation supports this mission by making grants to nonprofit organizations in the areas of contemporary visual art, literature, indigenous communities, and cultural freedom. Interested applicants are encouraged to contact a program director before submitting a letter of inquiry. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

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**Mathers Grants**

The G. Harold & Leila Y. Mathers Charitable Foundation

[http://www.mathersfoundation.org/policies.html](http://www.mathersfoundation.org/policies.html)

Contact: 914/242-0465, admin@mathersfoundation.org

Solicitation number:

The Foundation is primarily interested in supporting fundamental basic research in the life sciences. Support is provided for specific projects from established researchers at top universities and independent research institutions within the United States. Formal requests will be either discouraged or invited based on specific detailed queries sent by mail, and are processed when received. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
Conservation Trust Grant

National Geographic Society


Contact: conservationtrust@ngs.org

Solicitation number:

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

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.

Biomarker Development 2011 Program

The Michael J. Fox Foundation for Parkinson’s Research

http://www.michaeljfox.org/research_fundingOpportunities.cfm

Contact: Mark Frasier, 212/509-0995 x244, mfrasier@michaeljfox.org

Solicitation number:

The Foundation wishes to engage researchers and drug makers seeking to develop and optimize Parkinson’s disease (PD) biomarkers that can inform potential clinical trials of promising therapeutic strategies. The Foundation invites investigators to suggest and propose additional areas of critical need in biomarker development field with a particular focus on: 1) Novel Parkinson’s disease biomarker of discovery and development, or 2) Therapeutic biomarker discovery and development. Investigators may submit a Project Summary at any time and if selected will be invited to propose formal projects for funding consideration. Post-doctoral students or fellows are not eligible to apply as principal or co-principal investigators for this program. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
Ongoing

**Pollock-Krasner Grants**

The Pollock-Krasner Foundation, Inc.

[http://www.pkf.org/grant.html](http://www.pkf.org/grant.html)

Contact: [http://www.pkf.org/contact.html](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.

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Ongoing

**Funding for Readings and Workshops**

Poets & Writers

[http://www.pw.org/content/funding_readingsworkshops](http://www.pw.org/content/funding_readingsworkshops)

Contact: 310/481-7195

Solicitation number:

Poets & Writers provides fees to writers who give readings or conduct writing workshops. Each year, our Readings/Workshops program supports hundreds of writers participating in events in large cities and small towns throughout New York and California. Grants for readings or spoken word performances range from $50 to $350. Grants for workshops range from $100 to $200 per session. Applicants are encouraged to apply more than eight weeks in advance of the event. Grants are awarded on a rolling basis.

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Ongoing

**Mott Foundation Grants**

The Charles Stewart Mott Foundation


Contact:

Solicitation number:

The Charles Stewart Mott Foundation supports efforts in civil society, the environment, and pathways out of poverty. The median grant size is in the $100K range. The majority of grants are between $15K and $250K annually. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
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)

**Swiss International Short Visits**

Swiss National Science Foundation

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

Contact: international@snf.ch

Solicitation number:

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

Initiative on Philosophy in Educational Policy and Practice

Spencer Foundation

http://www.spencer.org/content.cfm/philosophy-in-educational-policy--practice-rfp

Contact: Kathryn Gray, 312/274-6509, kgray@spencer.org

Solicitation number:

As part of a new institutional initiative, the Spencer Foundation will make several awards of up to $40K for research projects in Philosophy as it relates to educational policy and practice. The foundation encourages applicants to understand educational policy and practice in broad terms, including issues that directly relate to K-12 schools and higher education institutions, but also concerning policies that influence children’s growth and development in the family and in other areas of social life including children’s upbringings, educational issues in family life and in the workplace, the educational effects of welfare policy. Research may range from the highly abstract to the highly applied. Proposals are accepted 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.

Aetna Foundation Grants

Aetna Foundation

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.

Multi-Arts Production (MAP) Fund

The Andrew W. Mellon Foundation

http://www.mapfund.org/apply.html

Contact: 212/226-1677, mapinfo@mapfund.org

Solicitation number:

MAP works to build a thriving, risk-welcoming contemporary performance field by providing project-specific funding to playwrights, choreographers, directors, composers, and performers experimenting in any performance tradition or discipline. MAP has sought especially to support work that brings insight to the issue of cultural difference or the concept of "other," be that it class, gender, generation, or ethnicity. MAP supports only projects that contain a live performance. Up to 40 grants ranging from $10K to $45K will be made. 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.
AXA Research Fund Doctoral and Post-Doctoral Fellowships - Limited Submission

AXA Research Fund

http://www.axa-research.org/how-to-obtain-funding

Contact:

Solicitation number:

The AXA Research Fund will support doctoral and postdoctoral fellowships for research projects that fall within the scope of one of the following themes -- Life risks: Aging and long term care, Biomedical risk, Addictions and risky behaviours; Socio-economic risks: Geopolitical risks, Macro-economic and systemic financial risks, Individual and collective behaviours when facing uncertainties, Large corporate risks; or Environmental risks: Climate change, Natural hazards, Human driven environmental changes.

Applicants must be citizens of a EU member state, one of the countries associated to the EU within the meaning of the 7th Framework Programme of the EU, Asia (Singapore, Hong Kong, Japan, South Korea, India), Brazil, or Mexico. Post-doctoral fellowships come to a maximum total of €120,000 for 24 months. Doctoral fellowships come to a maximum total of €120,000 for 36 months.

This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.

Institutional Grants

Academy of Motion Picture Arts and Sciences

http://www.oscars.org/education-outreach/grants/institutional/apply.html

Contact: 310/247-3031, grants@oscars.org

Solicitation number:

These grants advance the art and science of motion pictures and foster cooperation among the creative leaders of the motion picture industry for cultural, educational, and technical progress. All applications should represent programs that foster appreciation and excellence in filmmaking. Grants are not awarded to cover the expenses of producing a film or to support activities related to the completion of a doctoral dissertation or other academic advancement. Institutions or organizations may not receive a grant for more than three consecutive years.

Susan G. Komen for the Cure Investigator- Initiated Research (IIR) Grants

Susan G. Komen for the Cure

http://ww5.komen.org/ResearchGrants/FundingOpportunities.html

Contact: 866/921-9678, helpdesk@komengrantsaccess.org

Solicitation number:

The Susan G. Komen for the Cure Research Programs support research and training through many different types of grants and awards. Investigator-Initiated Research Grants seek to stimulate exploration of new ideas and novel approaches in breast cancer research and clinical practice that have the potential to lead to reductions in breast cancer incidence and mortality within the next decade. Applicants may request up to a total of $1M over four years.

Pilot Research Studies

The Sturge-Weber Foundation

http://www.sturge-weber.org/index.php?option=com_content&view=article&id=56&Itemid=42

Contact: swf@sturge-weber.org

Solicitation number:

The SWF invites proposals for Pilot Research Studies in the USA and abroad that focus on projects related to the pathogenesis or treatment of Sturge-Weber syndrome (SWS), Klippel-Trenaunay (KT) or Port Wine Stain birthmarks.
Individual Research Grants
Christopher & Dana Reeve Foundation
Contact: 973/379-2690
Solicitation number:
Reeve funds activities that hold promise of identifying therapies for paralysis caused by spinal cord injury and other sequelae of CNS injury. This program supports investigator-initiated research on a variety of fronts, including axon growth and guidance, remyelination, cellular replacement, rehabilitation and neuroprotection. The development of treatments for chronic injury is a high priority for the organization; however, funding will also be provided for studies more relevant to the acute phase of injury. Two-year awards are available for senior scientists and young investigators with a maximum funding level of $75K 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.

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 to conduct research that will serve as the basis for longer term research efforts. AFAR supports research projects concerned with understanding the basic mechanisms of aging. Projects investigating age-related diseases are also supported, especially if approached from the point of view of how basic aging processes may lead to these outcomes. 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. Applicants must be no more than 10 years beyond start of postdoctoral research training as of July 1, 2012. Approximately 15 grants will be awarded.

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.

Call for White Papers in Modeling and Simulation
Semiconductor Research Corporation
http://www.src.org/compete/s201115/
Contact: Kwok Ng, kwok.ng@src.org
Solicitation number:
White Papers are solicited in the area of modeling and simulation (M&S) of nanoelectronic materials, processes, and devices, targeting the 11-nm mode and beyond. The principal goals of this discovery-driven program are to develop and apply M&S techniques to understand and overcome fundamental scientific barriers to extending digital CMOS and related technologies to their ultimate limits, to the development of novel memory technologies, high-performance analog and mixed-signal devices, as well as all devices for functional diversification. This call may be addressed by an individual investigator or a research team. The anticipated funding level per task is expected to be in the range of $50K to $100K per year. Proposals offering funding leverage are strongly encouraged.
New Investigator Research Grant (NIRG)
The Alzheimer's Association
Contact: 1-312/335-5747, grantsapp@alz.org

Solicitation number:
The purpose of this program is to provide newly independent investigators with funding that will allow them to develop preliminary or pilot data, to test procedures and to develop hypotheses. The intent is to support early-career development that will lay the groundwork for future research grant applications. All applications must target defined areas of focus for 2012. It is expected that 45 awards, each limited to $100K for up to two years, will be made. Eligibility is restricted to investigators who have less than 10 years of research experience after receipt of their terminal degree.

Investigator-Initiated Research Grant (IIRG)
The Alzheimer's Association
Contact: 312/335-5747, grantsapp@alz.org

Solicitation number:
Applications must address a question or questions relevant to the 2012 areas of focus or a compelling issue in Alzheimer research pertinent to the applicant’s special interest or expertise. It is expected that up to 30 awards, each limited to $240K for up to three years, will be made. Researchers with full-time staff or faculty appointments are encouraged to apply.

Puffin Foundation Grants
The Puffin Foundation
Contact: 201/836-3400

Solicitation number:
The Puffin Foundation Ltd. supports artistic expression by providing grants to artists and art organizations who are often excluded from mainstream opportunities due to their race, gender, or social philosophy. For the year 2012 cycle they will review grants in the following fields: theater, photography, and music.

Allen Foundation Grants
Allen Foundation
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.
Annual Wireless Innovation Project Competition
Vodafone Americas Foundation
http://project.vodafone-us.com/
Contact: 650/832-6601, project@vodafone.com
Solicitation number:
The applicant should propose an innovation in wireless-related technology that addresses a critical global issue in education, health, access to communication, the environment, and/or economic development. The project should demonstrate a significant advancement in wireless-related technology, potential for replication and large-scale impact, and be at a stage of research where an advanced prototype or field/market test can occur during the award period. Projects should involve an established multi-disciplinary team that demonstrates the expertise needed for a comprehensive solution to the targeted problem. Applicants compete for first-, second-, and third-place prizes worth $300K, $200K, and $100K. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@la.ucsb.edu or x8406) for more information and coordination purposes.

Witter Bynner Grants
The Witter Bynner Foundation for Poetry
http://bynnerfoundation.org/grants/index.htm
Contact: 505/988-3251, info@bynnerfoundation.org
Solicitation number:
The Witter Bynner Foundation for Poetry promotes poetry in American culture and encourages grant proposals that expand awareness of the positive effects of poetry on society. Organizations may apply for grant support from $1K to $10K for a maximum of three years. The Foundation does not support indirect costs for grand administration, endowment funds, capital improvements, or general operating expenses.

AT&T Technology and Environment Awards Program
AT&T
Contact: Marie Robinson, mr3871@att.com
Solicitation number:
This program funds research at leading universities that pursue advancements in our knowledge of how the environment is impacted by Information and Communications Technology (ICT), including the types of products and services offered by AT&T. This program is intended to stimulate interdisciplinary research involving environmental issues, engineering, science, economics, management, business, law and public policy issues. Up to three new awards of $25K each will be made in 2012.

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.
1/3/2012    Full Proposal

**McKnight Scholar Awards**
The McKnight Endowment Fund for Neuroscience
http://www.mcknight.org/neuroscience/awards/scholar.aspx
Contact: 612/333-4220, emaler@mcknight.org
Solicitation number:
The McKnight Endowment Fund for Neuroscience supports innovative research designed to bring science closer to the day when diseases of the brain and behavior can be accurately diagnosed, prevented, and treated. Applicants must demonstrate interest in solving important problems in relevant areas of neuroscience, including the translation of basic research to clinical neuroscience. Awards are given to exceptional young scientists who hold the MD and/or PhD degree and who are in the early stages of establishing an independent laboratory and research career. Traditionally, successful candidates have held faculty positions for at least one year. Up to six applicants each will receive $75K per year for three years.

1/5/2012    Application
7/15/2012    Application

**Leakey Research Grants**
The Leakey Foundation
http://leakeyfoundation.org/grants/overview/general_grants_overview/
Contact: 415/561-4646, grants@leakeyfoundation.org
Solicitation number:
The Foundation funds research related specifically to human origins, including paleoanthropology, primate behavior, and studies of modern hunter-gatherer groups. Advanced doctoral students (advanced to candidacy) and established scientists are eligible for general research grants. The majority of the Foundation’s Research Grants to doctoral students are in the $3K to $13.5K range. Larger grants, especially to senior scientists and post-doctoral students, may be funded up to $22K. Priority of funding is commonly given to exploratory phases of promising new research projects that meet the stated purpose of the Foundation. 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.

1/5/2012    Full Application

**Susan G. Komen for the Cure Career Catalyst Research Grants**
Susan G. Komen for the Cure
http://ww5.komen.org/ResearchGrants/FundingOpportunities.html
Contact: 866/921-9678, helpdesk@komengrantsaccess.org
Solicitation number:
Career Catalyst Research (CCR) Grants are intended to foster increased research independence of promising breast cancer researchers who are in the early stages of their faculty careers. These Grants provide support for research projects that have significant potential to advance our understanding of breast cancer and lead to reductions in breast cancer incidence and/or mortality within the next decade. Applicants may request funding of up to $150K per year (combined direct and indirect costs) for up to three years. Applicants must not have held any faculty appointment, including non-tenure and tenure track appointments combined, for more than a total of 6 years at the time of application.

1/5/2012    Letter of Inquiry

**Investigator Initiated Grants**
William T. Grant Foundation
http://www.wtgrantfoundation.org/funding_opportunities/research_grants/investigator_initiated_grants
Contact: 212/752-0071, info@wtgrantfdn.org
Solicitation number:
The Foundation supports high-quality research that addresses its Current Research Interests: enhancing our understanding of how youth settings work, how they affect youth development, and how they can be improved; and when, how, and under what conditions research evidence is used in policy and practice that affect youth, and how its use can be improved. Applicants must be employed at a nonprofit institution, either in the United States or abroad. 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.
AIR Research and Dissertation Grants

Association for Institutional Research (AIR)

http://www.airweb.org/?page=1626

Contact: grants@airweb.org

Solicitation number:

With support from the National Science Foundation (NSF), the National Center for Education Statistics (NCES), and the National Postsecondary Education Cooperative (NPEC), AIR operates two grant programs that support research on a wide range of issues of critical importance to U.S. higher education. The program has two separate purposes: 1) NSF and NCES support grants aim to increase the number of researchers using national datasets and demonstrate the contribution that these datasets make to the national base of knowledge on higher education policy, theory, and practice; 2) The NPEC funding supports grants that increase the understanding and knowledge of a specific issue area identified by NPEC. This year, the focus will be “Exploring Postsecondary Non-Degree Programs.” Two levels of grants are supported: Research Grants and Dissertation Grants.

Digital Media and Learning Competition Research Grant

The John D. and Catherine T. MacArthur Foundation

http://dmlcompetition.net/Competition/4/research-competition-announcement.php

Contact: http://dmlcompetition.net/Page/contact.php

Solicitation number:

These grants support the gathering and writing up of findings on novel and effective ways of assessing learning practices, especially learning facilitated by digital media. The foundation is especially interested in work considering the role and effectiveness of badges and badging systems as instruments of assessment though competitive proposals will not be limited to this narrower focus. Awarded funds may be used for salary replacement, for travel in support of data collection, for modest graduate research assistance in support of the project, or for modest technological support for the project. The grantee will also be responsible for organizing a workshop or a working group on the topic. In addition to the faculty support funding of the award ($60K) there would be a budget of $20K available to support the workshop or working group.

Samuel Rubin Grants

Samuel Rubin Foundation

http://www.samuelrubinfoundation.org/guidelines.html

Contact: Lauranne Jones, 212/697-8945, lauranne@igc.org

Solicitation number:

The Foundation is dedicated to the pursuit of peace and justice and the search for an equitable reallocation of the world’s resources. The Foundation believes that these objectives can be achieved only through the fullest implementation of social, economic, political, civil and cultural rights for all the world’s people. Applications for general operating expenses are accepted, as well as for applications specific projects within an organization. The majority of grants range from $5K to $10K. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Agilent Early Career Professor Award

Agilent Technologies


Contact: 1-408/345-8886, contact_us@agilent.com

Solicitation number:

Nominees should have significant original research contributions enabling measurements of importance to Agilent Technologies and the world, as well as outstanding potential for future research. The 2012 focus is: Contributions to the subset of structural biology aimed at utilizing Nuclear Magnetic Resonance (NMR) techniques to improve the understanding of molecular structure and function of nucleic acids or proteins. Nominees should have completed their Ph.D. less than 10 years before January 1, 2012. The award amounts to $50K per year for two years and will be granted to the university in the professor’s name. Self-nominations are encouraged.
**Klingenstein Fellowship Awards in the Neurosciences**

The Esther A. & Joseph Klingenstein Fund, Inc.

http://www.klingfund.org/

Contact: Kathleen Pomerantz, 212/492-6181, kathleen.pomerantz@klingenstein.com

Solicitation number:

The purpose of these awards is to support young investigators engaged in basic or clinical research that may lead to a better understanding of neurological and psychiatric disorders. Several areas within the neurosciences are of particular interest to the Fund: Cellular and molecular neuroscience; Neural systems; and Clinical research. The candidate should be an independent investigator, holding a tenure track academic rank (but not yet tenured). The award of $150K is payable over a three-year period.

**Beez Grants**

The Beez Foundation

http://www.beezfoundation.org/Media/BeezRFP2011-12RFP.pdf

Contact: sgiardina@beezfoundation.org

Solicitation number:

The Beez Foundation was created to raise money to support pediatric brain cancer research projects, related support activities for pediatric patients in cancer hospitals and education regarding the prevalence of pediatric brain cancer. Research Proposals will be awarded a maximum grant of $10K to $15K. Education and Patient Services Proposals will be awarded a maximum grant of $1K to $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.

**ArtsLink Projects**

CEC ArtsLink

http://cecartslink.org/grants/artslink_projects/

Contact: 212/643-1985 x22, al@cecartslink.org

Solicitation number:

ArtsLink Projects provides support to US artists, curators, presenters and arts organizations undertaking projects in any of the 32 eligible countries. Applicants must be working with an artist or organization in that region and projects should be designed to benefit participants and audiences in both the US and the host country. In 2011, applications will be accepted from individual artists, presenters and non-profit arts organizations working in visual and media arts. In 2012, applications will be accepted from individual artists, curators and non-profit arts organizations working in dance, music, literature, and theater.

**MacDowell Fellowships**

The MacDowell Colony

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

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

Solicitation number:

A MacDowell Fellowship provides time, space, and an inspiring environment for artists and consists of exclusive use of a studio, accommodations, and meals for up to eight weeks. The Colony accepts applications from artists working in the following disciplines: architecture, film/video arts, interdisciplinary arts, literature, music composition, theatre, and visual arts. The sole criterion for acceptance is artistic excellence.
Bogliasco Fellowships

Liguria Study Center for the Arts and Humanities

http://www.bfny.org/english/applicants.cfm

Contact: 212/713-7628, info@bfny.org

Solicitation number:

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

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Kress Foundation Grant Programs

Kress Foundation


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

Solicitation number:

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

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Community Action Grants

American Association of University Women (AAUW)

http://www.aauw.org/learn/fellowships_grants/community_action.cfm

Contact: 319/337-1716 ext. 60, aauw@act.org

Solicitation number:

These grants provide funds for innovative programs or non-degree research projects that promote education and equity for women and girls. Applicants must be women who are U.S. citizens or permanent residents. Nonprofit organizations must be based in the United States. Grant projects must have direct public impact, be nonpartisan, and take place within the United States or its territories. Special consideration is given to projects focused on K-12 and community college girls’ and women’s achievements in science, technology, engineering or math. One-year grants provide $2K to $7K, and two-year grants provide $5K to $10K.

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Whitehall Foundation Grants

Whitehall Foundation

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

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

Solicitation number:

Research Grants are available to established scientists of all ages working at accredited institutions in the US. Grants normally range from $30K to $75K per year for up to three years. Grants-in-Aid are designed for researchers at the assistant professor level who experience difficulty in competing for research funds because they have not yet become firmly established. These grants can also be made to senior scientists. These grants do not exceed $30K over a one-year period. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
Start-Up Grants
The Larry L. Hillblom Foundation
http://www.llhf.org/grant-seekers/instructions/start-up-grant-instructions
Contact: 707/762-6691
Solicitation number:
This award focuses on the funding area of diabetes and aging. Applicants must be in a faculty position must be provided with sufficient resources to complete the proposed studies, as well as with sufficient protected time to pursue the proposed research. Preference will be given to applicants that have not held a faculty position or equivalent for more than one year. The maximum funding is $70K per year for a maximum of three years. The host institution must provide $30K per year of the budget. 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.

Keck Science and Engineering or Medical Research Program - January 2012 Deadline - Limited Submission
W.M. Keck Foundation
http://www.research.ucsb.edu/media/114344/keck_foundation_research_grants_rfp.pdf
Contact:
Solicitation number:
We now invite faculty to submit Concept Papers for potential consideration by the W.M. Keck Foundation for either their Science and Engineering Program, or their Medical Research Program. We are looking to identify pioneering interdisciplinary projects where a $1,000,000 grant would have a significant impact, and where the Keck Foundation support is critical because there are no traditional funding agencies that would take the risk to provide support for this novel idea at this time. The Keck Foundation looks to benefit humanity by supporting projects that are distinctive and novel in their approach, question the prevailing paradigm or have potential to break open new territory in the field. In their Medical Research Program, the Keck Foundation seeks to advance the frontiers of the life sciences by supporting basic research that is high-risk and similarly has the potential to transform the field. “Bricks-and-mortar” capital grants are ineligible. The Keck Foundation is unlikely to fund projects relating to Energy, Climate Change, Drug Discovery and Vector Development. We have learned that, all other criteria being exactly equal, the Keck Foundation would favor the team with the more junior faculty. More specifically, the Keck Foundation seeks to support the work of leading researchers that:

* Focus on important and emerging areas of research;
* Have the potential to develop breakthrough technologies, instrumentation or methodologies;
* Are innovative, distinctive and interdisciplinary;
* Demonstrate a high level of risk due to unconventional approaches, or by challenging the prevailing paradigm;
* Have the potential for transformative impact, such as the founding of a new field of research, the enabling of observations not previously possible or the altered perception of a previously intractable problem;
* Fall outside the mission of public funding agencies;
* Demonstrate that private philanthropy generally, and the W. M. Keck Foundation in particular, is essential to the project’s success.

For abstracts of all recent Keck Foundation awards and further background, please visit the Keck Foundation website at http://www.wmkeck.org. If you have questions, please contact Janice Hartoch Taylor, Director of Foundation Relations, at x8406 or janice.taylor@ia.ucsb.edu, or Meredith Murr, Director of Research Development, at x3925 or murr@research.ucsb.edu.

ANRF Grants
Arthritis National Research Foundation
http://www.curearthritis.org/index.php
Contact: 800/588-2873
Solicitation number:
The ANRF funds scientists to cure arthritis by discovering the causes of arthritis and its related diseases. Clinical and basic studies will be considered. Preference will be given to senior post-doctoral investigators transitioning to independent investigator status and new assistant professors. Grants awarded will be in the range of $20K to $75K. 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.
Fisheries Innovation Fund

National Fish and Wildlife Foundation

http://www.nfwf.org/AM/Template.cfm?Section=Charter_Programs_List&CONTENTID=21679&TEMPLATE=/CM/ContentDisplay.cfm

Contact: Mary Beth Charles, 202/595-2445, MaryBeth.Charles@nfwf.org

Solicitation number:

The Foundation will award grants to foster innovation and support effective participation of fishermen and fishing communities in the implementation of sustainable fisheries in the US. Successful proposals will develop innovative approaches to: Build capacity of fishing communities to improve their sustainability; Promote full utilization of Annual Catch Limits and minimize bycatch of overfished and endangered species; and Improve the quality, quantity and timeliness of fisheries-dependent data used for science, management and fishermen’s business purposes. The majority of awards under this program will fall in the range of $50K to $200K, to be used over a maximum of two years.

Collaboration Grants for Mathematicians

The Simons Foundation

https://simonsfoundation.org/funding-guidelines/current-funding-opportunities/collaboration-grants-for-mathematicians

Contact: 212/524-6080, mps@simonsfoundation.org

Solicitation number:

The Simons Foundation invites applications for grants to mathematicians primarily for collaboration and travel. Grants of $5K per year provide support for travel by the grantee or the grantee's students or postdocs for collaboration or to conferences and meetings; invitations to collaborators to visit and/or lecture at the grantee’s home institution; and up to $1K per year may be spent on related research needs such as computers or computer support, publications, etc. The duration of the grants will be five years. The Simons Foundation will pay an additional $1K per year in indirect costs. Grantees must be in a tenure-track or tenured position, or be a professor emeritus, have a current record of active research and publication in high-quality journals, and NOT currently have other significant sources of research 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.

ATA Research Grants

American Thyroid Association (ATA)


Contact: 703/998-8890, thyroid@thyroid.org

Solicitation number:

ATA supports new investigator initiated research projects in the area of thyroid function and disease. Topics may include, but are not limited to, Thyroid Autoimmunity, Iodine Uptake and Metabolism, Thyroid Cancer, Medullary Thyroid Cancer, Clinical Disorders of Thyroid Function, Thyroid Hormone Action and Metabolism, Thyroid Imaging, Thyroid Nodules and Goiter, Thyroid Development and the Brain. Research awards are intended to assist new investigators in obtaining preliminary data for submission of a more substantial application. Research grants, up to $25K annually, will be awarded for two-year terms based on performance during the first year of funding.

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.
MS Research Grants
National Multiple Sclerosis Society
http://www.nationalmssociety.org/for-professionals/researchers/get-funding/research-grants/index.aspx
Contact: Eileen Madray, eileen.madray@nmss.org
Solicitation number:
The Society welcomes applications for support of studies related to multiple sclerosis which may serve in any way to advance the mission of the Society. The Society supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care, and rehabilitation. Before submitting a proposal for research support, the investigator must consult the Research Programs Department to determine whether the research plan is appropriate and relevant to the mission of the Society. Studies are supported for one to five years.

2/1/2012 Application
9/1/2012 Application

ABMRF Grants
ABMRF/The Foundation for Alcohol Research
http://www.abmrf.org/grant_program.asp
Contact: 410/821-7066, grantinfo@abmrf.org
Solicitation number:
Grants are awarded for either one or two years for a maximum of $50K per year. The Foundation accepts applications for grants to conduct research on important aspects of alcohol consumption and its effects. Overall the following areas are of greater interest: 1) Factors influencing transitions in drinking patterns and behavior; 2) Effects of moderate use of alcohol on health and well-being; 3) Mechanisms underlying the behavioral and biomedical effects of alcohol; and 4) Biobehavioral/interdisciplinary research on the etiology of alcohol misuse.

2/6/2012 Application

Partner University Fund (PUF)
French American Cultural Exchange
http://facecouncil.org/puf/application/guidelines/
Contact: 202/944-6580
Solicitation number:
These grants support research and graduate education partnerships between French and American Universities with emphasis placed on novel, innovative and, interdisciplinary projects when relevant. Applicants are expected to develop new or more thorough partnerships through the collaboration. Each partnership must be led by a program coordinator in each of the two lead universities/institutions. PUF seeks to fund research and graduate education projects in all disciplines without exception. Project proposals in the field of humanities are encouraged. Subject to an annual review, PUF can co-finance a developing partnership for up to three consecutive years, at a level of up to $80K per year per project. This substantial level of funding needs to be matched by the partners as PUF only funds up to 30% of the cost of a program.

2/8/2012 Application

AAF Award
American Asthma Foundation
http://www.americanasthmafoundation.org/grants/
Contact: Valerie Dougherty, vdougherty@americanasthma.org
Solicitation number:
The American Asthma Foundation is looking for highly original thinking from investigators willing to step away from their current areas of research to tackle the asthma epidemic. The foundation wants researchers to translate their know-how and skills into asthma research. The Senior Investigator Award is $250K per year for three years and the Early Excellence Award is $150K per year for three years.
2/12/2012 Application

**Tensor Women and Mathematics Grants**

Mathematical Association of America

http://www.maa.org/wam/tensor.html

Contact: Olga Dixon, 202/319-8498, odixon@maa.org

**Solicitation number:**

The MAA awards grants for projects designed to encourage college and university women or high school and middle school girls to study mathematics. The MAA, on behalf of the Tensor Foundation, is soliciting college, university and secondary mathematics faculty (in conjunction with college or university faculty) and their departments and institutions to submit proposals. Projects may replicate existing successful projects, adapt components of such projects, or be innovative. Grants will be up to $6K and will be made to the institution of the project director for the one-year project. An institution is expected to supply matching funds or in-kind support.

2/15/2012 Application

**Young Investigator Grant for Probiotics Research**

Probiotics Research Grant Program

http://www.probioticsresearch.com/grantprogram.asp

Contact: 703/841-1600, gpc@ProbioticsResearch.com

**Solicitation number:**

The purpose of these grants is to contribute to the advancement of probiotics and gastrointestinal microbiota research in the United States. The research focus for 2012 is on the role of probiotics and gastrointestinal microbiota in health and wellness. Young investigators who are senior fellows with a committed faculty appointment or early faculty members within five consecutive years of their first faculty appointment in the US are eligible to apply. The annual grant amount is $50K per grant recipient with no more than 10% of this amount dedicated to overhead costs. Two grants will be funded per year.

2/15/2012 Application

**Title VIII National Research Competition**

National Council for Eurasian and East European Research

http://www.nceeer.org/programs/national-research-competition.html

Contact: 206/829-2445, info@nceeer.org

**Solicitation number:**

This competition provides funds for both collaborative and individual research projects in the humanities and social sciences in or on any country of Eurasia or East-Central Europe. The primary scholar on either a collaborative or individual project must be a US citizen and hold a PhD degree. Research Contracts support collaborative projects involving multiple post-doctoral scholars, or individuals with comparable research skills who do not hold PhDs, including one US-citizen scholar or researcher with a maximum of $70K. Research Grants support research projects conducted by individual US citizens, with a maximum award of $40K.

2/17/2012 Application

**Coplon Grants**

Satellite Healthcare

http://www.satellitehealth.com/about_satellite/philanthropy/coplon_grants/

Contact: CoplonGrants@SatelliteHealth.com

**Solicitation number:**

Coplon Grants empower young promising researchers to seek ways to improve kidney health. Approximately a third of the grants are given for basic scientific renal research. The remaining grants are given for applied scientific renal research that can also be used in clinical practice today. These grants fund worthwhile proposals from passionate researchers early in their careers (associate professor or below).
Production and Presentation Grants
Graham Foundation
http://www.grahamfoundation.org/grant_programs?mode=organization
Contact: 312/787-4071, info@grahamfoundation.org
Solicitation number:
These grants are offered to organizations to assist with the production-related expenses that are necessary to take projects such as publications, exhibitions, installations, conferences/lectures, films, new media projects, and other public programs, from conceptualization to realization and public presentation. The Foundation is most interested in opportunities which enable us to provide critical support at key points in the development of a project or career. Projects of the greatest potential will have originality, potential for impact, and feasibility. These grants do not exceed $30K over a maximum period of two years. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Monticello College Foundation Grants
The Monticello College Foundation
http://monticellofound.org/grants.cfm
Contact: 618/468-2370
Solicitation number:
To be eligible, a project must have the potential to make a genuine, effective contribution to the advancement of education for women. Where applicable, the grant recipient should be able to assure continuance of a successful project after the termination of the grant. Professional educational associations, agencies servicing women’s education, and all accredited degree-granting two and four-year colleges and universities are eligible to apply for grants.

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.

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.
Initiative Planning & Implementation Grant

UC Institute for Research in the Arts (UCIRA)

http://www.ucira.ucsb.edu/initiative-planning-grant/

Contact: 805/893-3098, zchapman@ucira.ucsb.edu

Solicitation number:

These grants are offered for projects relating to any of our three current areas of interest: Social Ecologies: California-centric embedded arts research; Social Technologies: new models of value exchange; and Integrative Methodologies: re-negotiating the Art/Science paradigm. Planning grants are available for projects that may need further development before applying for implementation. Implementation grants are offered to artists, collaborative teams, and organizations to move their ideas from planning into practice. Implementation grants support the final preparation or research that will enable the public presentation or engagement component of the work. Applicants must be UC faculty, staff or students whose research and teaching interests include visual art, digital media, music, dance, drama or film and video.

Residential Research Groups - Topic Proposal

University of California Humanities Research Institute (UCHRI)

http://www.uchri.org/Funding/Programs/residential-research-group-topic-proposal.php

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

Solicitation number:

The UC Humanities Research Institute (UCHRI) invites topic proposals for research groups to be in residence at the Institute for one quarter during the 2013-14 academic year. Residential Research Groups (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. 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. The applicant must be a UC ladder rank faculty member who will serve as the group's Administrative Convener.

Residential Research Groups Fellowships

University of California Humanities Research Institute (UCHRI)

http://www.uchri.org/Funding/Programs/residential-research-group-fellowship.php

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

Solicitation number:

The University of California Humanities Research Institute (UCHRI) invites proposals to participate in a residential research group in the Fall 2012 quarter on the topic Imperial Legacies, Postsocialist Contexts: History, Ethics and Difference in a Neoliberal Age. Residential research groups (RRGs) convene key scholars to work in collaboration on interdisciplinary topics of special significance. UCHRI's facilities for participating scholars include private offices with e-mail/Internet access, seminar and conference rooms, a multi-media room, and a reference library. Furnished apartments are provided free of charge to fellows by the Institute for use on an as-needed basis during their residencies, resources permitting.

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.
University of California (UC) Pacific Rim Research Program (PRRP) - Limited Submission

University of California


Contact: Barbara Walker, 805/893-3576, walker@research.ucsb.edu

Solicitation number:

The Pacific Rim Research Program supports collaborative research on the Pacific Rim as a distinctive region. The program offers: Faculty Initiative Grants on the theme of Responses to Crises in the Pacific Rim of up to $50K; Faculty Research/Planning Grants of up to $25K; and Advanced Graduate Research Fellowships of up to $20K. The Program places priority on research that is new, specific to the region, and collaborative. Proposals may come from any discipline in the humanities, social sciences, natural sciences, public health, or some combination thereof. This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.

1/6/2012  Campus Application Deadline (required)
2/17/2012  UC Systemwide Deadline

Developmental Research Projects in Biodefense & Emerging Infectious Diseases

Pacific Southwest Regional Center of Excellence


Contact: Pamela Foster, 949/824-7930, pamela.foster@uci.edu

Solicitation number:

PSWRCE invites proposals for funding Developmental Projects in the field of biodefense and emerging infectious disease research. A special emphasis is on proposals for innovative projects that are potentially applicable across pathogen classes and projects aimed at host-based interventions of broad utility. This call also solicits projects that promote new basic or translational research opportunities; projects with the potential to grow into full PSWRCE research projects; or projects that could lead to the development of new products or other applications for the detection, prevention, or treatment of biodefense-relevant diseases and emerging infectious diseases. Developmental Projects are for a maximum of $150K per year for a project period of 24 months.

1/9/2012  Application

Basic Biology Awards IV

California Institute for Regenerative Medicine

http://www.cirm.ca.gov/files/grants/pdf/RFA11-03.pdf

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

Solicitation number:  RFA 11-03

The objective of this RFA is to foster cutting-edge research tackling significant, unresolved issues in human stem cell biology. Studies should focus on elucidating basic molecular and cellular mechanisms and should utilize pluripotent stem cells, adult stem cells, and/or their differentiated derivatives. These awards will support efforts towards characterizing the molecular and cellular basis of self-renewal, differentiation, and maturation into metabolically functional cell types, as well as mechanistic studies on cell reprogramming. Funding under this initiative will be prioritized towards studies utilizing human cells. Projects will be funded for up to $300K per year for a maximum of three years.

1/10/2012  Preliminary Application (required)

TRDRP Grants

Tobacco-Related Disease Research Program

http://www.trdrp.org/fundingOpps/call.php

Contact: Varies with research interest

Solicitation number:

The purpose is to stimulate research on tobacco control and tobacco-related disease that is of highest priority and potential benefit in California. All research applications must be responsive to at least one of the following research priorities: 1) Advance policies to reduce environmental exposure to the toxic effects of tobacco smoke, tobacco smoke residue, cigarette butts, and other tobacco products; 2) Advance innovative research in nicotine addiction and the early diagnosis of tobacco-related diseases; 3) Expand the scientific basis to inform the regulation of nicotine and tobacco products at the local, state and national level; 4) Prevent and reduce the use of tobacco products and tobacco-related health disparities in California’s disproportionately impacted populations; and 5) Advance the ability of communities throughout California to assess and limit the influence of the tobacco industry.

1/11/2012  Full Proposal
Presidents Faculty Research Fellowship in the Humanities
University of California Humanities Research Institute (UCHRI)
http://www.uchumanitiesnetwork.org/Funding/Faculty.php
Contact: Suedine Nakano, snakano@hri.uci.edu
Solicitation number:
This program provides UC faculty with fellowship support to carry out an extended research project, typically in conjunction with fellowship funds from extramural agencies, campus grants or salary supplements, and sabbatical leave. Active ladder rank faculty, including Lecturers who are members of the Academic Senate, may apply for Fellowships. Assistant Professors are especially encouraged to apply. The Fellowship may be used for salary only. The maximum award is $25K for junior faculty and $40K for senior faculty.

The Green Initiative Fund (TGIF)
UC Santa Barbara
http://sustainability.ucsb.edu/tgif/
Contact: Grant Keefe, grant.keefe@vcadmin.ucsb.edu
Solicitation number:
The Green Initiative Fund (TGIF) supports projects that provide renewable energy, increase energy efficiency, conserve water, reduce waste, educate the campus about environmental impacts, and facilitate strategic research to improve the campus’ operational sustainability. The fund awards approximately $150K total to 10 to 12 projects per year. Any UCSB student, staff, or faculty member may submit a proposal for consideration.

Community Research Collaborations
California Breast Cancer Research Program
http://www.cbcrp.org/apply/call/
Contact: Senaida Fernandez, 888/313-2277, crcinfo@cabreastcancer.org
Solicitation number:
The Community Research Collaboration (CRC) awards fund community organizations—such as a breast cancer advocacy organizations, community clinics, and other organizations serving women with breast cancer—to work in teams with well-trained, experienced research scientists. Two CRC funding mechanisms are available: The CRC Pilot award supports the initial phase of the project, which includes strengthening collaborations, developing feasible methods and tools, and collecting pilot data. Awards are for 18 months maximum with a budget cap of $150K direct costs. The CRC Full award funds projects with a fully developed research plan and supporting preliminary data, carried out by a well-integrated, experienced team of scientists and community members. Awards are for three years maximum with a budget cap of $600K direct costs.

Innovative, Developmental and Exploratory Awards (IDEA)
California Breast Cancer Research Program
http://www.cbcrp.org/apply/call/
Contact: 888/313-2277, getinfo@cabreastcancer.org
Solicitation number:
IDEA projects support speculative, exploratory, high-risk/high-reward projects with a primary focus on breast cancer. Applications for this award type should challenge existing paradigms, represent a new direction for the PI, and encourage innovation by the incorporation of techniques and approaches not yet well represented in mainstream breast cancer research. Projects may be up to 18 months in duration. The budget cap for total project direct costs is either $100K or $150K (higher cap is for projects using animal or human subjects).
UCIRA Major Grants Program
UC Institute for Research in the Arts (UCIRA)
http://www.ucira.ucsb.edu/ucira-major-grants-program/
Contact: 805/893-3098, zchapman@ucira.ucsb.edu

Solicitation number:
Funding will be offered to proposals in disciplinary clusters, with Performance Practice and Research and Literature funded in the 2012 cycle. UCIRA funding is intended to support projects, both individual and collaborative that represent the most innovative and relevant arts research taking place within the UC system. Quality and depth of proposals will be the primary consideration for evaluation over questions of campus or disciplinary representation. Applicants are encouraged to consult with UCIRA staff before submitting a proposal. The initial award cap is $10K and includes a requirement that the applicant obtain partial matching campus funding.

University of California - Historically Black Colleges and Universities Initiative
University of California
Contact: gradstudies@ucop.edu

Solicitation number:
This initiative encourages faculty and departments to develop ongoing relationships with their counterparts at Historically Black Colleges and Universities (HBCUs) that will aid or complement their own research interests. There are two types of awards: 1) Summer Research Internship Support Grant, which is a one-year grant to support HBCU students who will conduct summer research at a UC campus, and 2) Summer Research and Graduate Admission Pathways Grant, which is a three-year grant to support students conducting research at a UC campus in 2013 as well as students in 2014 and 2015. Applicants must be Academic Senate Faculty in any discipline at any of the ten UCs. Generally, awards will range from $8.5K to $55K per year of support.