Funding Resources
UCSB Office of Research
November 2014

The Research Development unit of the Office of Research at the University of California, Santa Barbara publishes Funding Resources. Funding Resources is also available online: http://www.research.ucsb.edu/research-development/find-funding

RESEARCH DEVELOPMENT
CONTACT INFORMATION
Meredith Murr
Director, Research Development
murr@research.ucsb.edu or 893-3925

Barbara Walker, Director, Research Development for the Social Sciences, Humanities, and Fine Arts
walker@research.ucsb.edu or 893-3576

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

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

TABLE OF CONTENTS
Campus and Agency News 1
Contract and Grant Awards 4
Department of Defense (DOD) 6
NASA 7
NARA 9
NEA 10
NEH 10
National Institutes of Health (NIH) 11
National Science Foundation (NSF) 34
Private/Nonprofit Agencies 52
UC and State of California 66

Campus and Agency News

OFFICE OF RESEARCH ORIENTATION FOR NEW FACULTY
Date: Monday, November 17th
Time: 10 - 11am
Location: Henley Board Room, Mosher Alumni House

The Office of Research invites you to join us for an introduction to our office and a description of the services that we provide to campus researchers. This orientation is targeted to new faculty, but all are welcome! Come meet the people that work with you to secure funds for your research projects and learn more about the following topics in particular:

• Indirect Costs
• Cost Sharing
• Everything about Sponsored Projects
• Research Development: Team and Services
• Technology and Industry Alliances
• Research Integrity

2014-15 UC-HBCU INITIATIVE
The UC Office of the President has recently announced its next call for proposals for the systemwide UC-HBCU Initiative. It is designed to assist UC faculty interested in developing and encouraging efforts to achieve a more inclusive educational environment of excellence. The goal of the UC-HBCU Initiative is to increase the number of scholars from Historically Black Colleges and Universities enrolling in UC academic doctoral programs. UC faculty grants are available to support HBCU students conducting summer research with UC faculty at a UC campus. Funds are also available to support departmental efforts to facilitate increased applications from HBCU scholars to UC graduate programs.

To hear from UC faculty how they are involved with the UC-HBCU Initiative, please view this short video on the UC-HBCU website: http://www.ucop.edu/graduate-studies/initiatives-outreach/uc-hbcu-program/index.html

2015-16 CRCC RESEARCH GRANT APPLICATION
URL: http://crcc.ucdavis.edu/
The Cancer Research Coordinating Committee (CRCC) provides seed money for pilot projects (up to $55,000) to promote innovative cancer research. The application for the 2015-16 year is now available, and are due Friday, December 5, 2014, by 5pm.

Eligibility requirements:

• Applicant must be a member of the Academic Senate
• Applicant must be employed minimum 50% time on UC administered payrolls at one of the ten UC campuses
• Applicant must have a UC appointment date of 7/1/13 or earlier
• Applicant must have a total annual laboratory support of less than $350K
NSF DEAR COLLEAGUE LETTERS

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

Dear Colleague Letter: CPS EAGERs Supporting Participation in the Global City Teams Challenge


With this Dear Colleague letter (DCL), the NSF is announcing its intention to accept EARly-Concept Grants for Exploratory Research (EAGER) proposals to support NSF researchers in participating in the NIST GCTC teams, with the goal of pursuing novel research on effective integration of networked computer systems and physical devices that will have significant impact in meeting the challenges of the smart city. Priority will be given to researchers who have previously received funding from CPS, or who have related projects from other NSF programs (e.g., Computer Systems Research (CSR), Energy, Power, Control and Networks (EPCN), Secure and Trustworthy Cyberspace (SaTC), including CAREER awardees), and who are members of, or are seeking to, establish GCTC teams building upon the results of NSF-funded projects. The deadline for submission of EAGERs is January 15, 2015, but earlier submissions are encouraged, and decisions will be made on a first-come, first-serve basis.

Dear Colleague Letter: SaTC EAGERs Enabling New Collaborations


NSF is announcing its intentions to build upon the success of previous Early Concept Grants for Exploratory Research (EAGERs) in the area supported by the Secure and Trustworthy Cyberspace (SaTC) program (see solicitation 14-599: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf14599) and to accept additional EAGER proposals that encourage novel interdisciplinary research resulting from new collaborations between one or more Computer and Information Science and Engineering (CISE) researchers and one or more Social, Behavioral and Economic Science (SBE) researchers.

Dear Colleague Letter: Sustaining CISE Research Infrastructure


Through its CISE Research Infrastructure (CRI) program (NSF 14-593 - http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf14593), the NSF Directorate for Computer and Information Science and Engineering (CISE) supports world-class research infrastructure enabling focused research agendas in computer and information science and engineering. The CRI program funds both the creation of new infrastructure as well as the enhancement of existing infrastructure. CISE recognizes the importance of stable community infrastructure for its researchers. With this Dear Colleague Letter (DCL), CISE notes particular interest in proposals that aim to sustain existing community research infrastructures that have provided, and continue to be of, significant value to the CISE research community.

CAMPUS HONORS AND AWARDS

Matthew Fisher, professor of physics, received the 2015 Oliver E. Buckley Prize from the American Physical Society, for his work in elucidating the process in which superconductors change into insulators.

TRAINING FOR ADMINISTRATORS IN RESEARCH (STAR)

The Sponsored Projects Training for Administrators in Research (STAR) program is a comprehensive certificated training program developed by the UCSB Office of Research to meet UCSB’s research administration needs. The program’s goals are to improve campus understanding of regulations, policies, and procedures; to strengthen internal controls; and to
provide staff members with access to key resources and contacts.

The 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 in the STAR program. The certificate program offers 11 required courses offered from September through May. To earn a certificate, you must take all 11 classes. Staff members who wish to earn a STAR Program Certificate must complete the coursework in one or two years from the date they begin the course series. For more information, including a complete list of courses and registration information, visit http://www.research.ucsb.edu/spo/contracts-and-grants-liaison-resources/star-class-schedule/

Introduction to Proposal Submission (3 hours)
This course provides basic overview of instructions on preparing a proposal, securing the appropriate approvals, and submitting to the funding agency. Topics covered are eligibility to serve as principal investigator, types of proposals, interpreting sponsor guidelines, completing sponsor application forms and internal forms and proposal revisions. This course will also include how to access the ORBiT Data Base. ORBiT is the online contract and grant database used to submit and track proposals and awards.

Offered: Wednesday, November 19, 2014; 9:00am-12noon
Instructors: George Hopwood, Jamie Sprague & Brett Fortier
Location: Marine Science Building Auditorium (MSB 1302)

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. Procurement Services will update you on the system changes happening with business contracts and PO's. We will present on topics pertinent to planning conferences and events, business contracts, professional service agreement, facility use permits, university insurance requirements and signature delegation.

Offered: Wednesday, December 10, 2014; 9:00am-12noon
Instructors: Daniela Gallardo, Lisa King and Kimberly Tapia
Location: Marine Science Building Auditorium (MSB 1302)

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

Programs with open campus spots (please contact funding@research.ucsb.edu if you are interested in submitting to one of these programs):
- NSF IUSE/Professional Formation of Engineers: Revolutionizing Engineering Departments (RED)—Letter of Intent 10/28/2014; Full Application 11/26/2014
- NSF Theory Institute in Atomic, Molecular and Optical Physics—Agency deadline 12/08/2014
Abbey, C.K., Psychological & Brain Sciences, $383,658, National Institutes of Health, “Utility-Based Assessment of Diagnostic Imaging Performance.”

Aguirre, M.O., Millett, K.C. (Mathematics), California NanoSystems Institute, $92,284, Amgen Foundation, “Amgen Biotech Experience.”


Bildsten, L., Kavli Institute for Theoretical Physics, $640,905, Gordon and Betty Moore Foundation, “Support for Early Career Scientists at KITP.”

Bowers, J.E., Electrical & Computer Engineering, $100,000, Morton Photonics, “Miniature Silicon WDM Modulators for Analog Fiber-Optics Links.”

Brenner, M.E. (Education), Ograin, C.M. (Mathematics), Gevirtz Graduate School of Education, $16,000, UC California Math Project, “California Mathematics Project at UC Santa Barbara.”

Brenner, M.E. (Education), Ograin, C.M. (Mathematics), Gevirtz Graduate School of Education, $23,000, UC California Math Project, “California Mathematics Project at UC Santa Barbara (NCLB 11).”

Caselle, J.E., Marine Science Institute, $50,235, UC Santa Cruz, “Scientific collecting permits, rockfish dispersal, and kelp forest monitoring.”

Dewar, T.J. (Education), Gevirtz Graduate School of Education, $36,500, UC California Writing Project, “South Coast Writing Project (NCLB 11).”

Dewar, T.J. (Education), Gevirtz Graduate School of Education, $24,000, UC California Writing Project, “South Coast Writing Project (CSMP 14-15).”


Feinstein, S.C. (Molecular, Cellular & Developmental Biology), Wilson, L. (Molecular, Cellular & Developmental Biology), Neuroscience Research Institute, $630,772, Eisai Research Institute, “Recovery from Chemotherapy-Induced Peripheral Neuropathy: Focus upon Neuronal Cell Biology and Biochemistry.”

Feinstein, S.C. (Molecular, Cellular & Developmental Biology), Smith, J.A., Neuroscience Research Institute, $1,500, American Society for Cell Biology, “Chemotherapy Induced Peripheral Neuropathy.”

Frew, J.E. (Donald Bren School of Environmental Science & Management), Earth Research Institute, $124,000, University Industry Research Corporation, “Intel Science and Technology Center for Big Data - ISTC-BD.”


Hampton, S., Davis, F.W. (Geography), National Center for Ecological Analysis and Synthesis, $49,990, National Science Foundation, “Planning Workshop: Increasing capacity for data-intensive research in environmental biology.”

Ji, C. (Earth Science), Earth Research Institute, $54,630, Total S.A., “Collaborative Project Between Total and University of California, Santa Barbara: Developing and testing a method to simultaneously inverting moment tensor solutions and locations for micro-seismic events near a high velocity interface.”


Lester, S.E., Costello, C.J. (Donald Bren School of Environmental Science & Management), Marine Science Institute, $500,000, Rare, “Fish Forever (Subaward from Waitt Foundation).”


Low, D.A., Molecular, Cellular & Developmental Biology, $12,500, Santa Barbara Cottage Hospital, “Identification of pathways for Rhs-mediated toxicity of Enterobacter cloacae.”


Mazar, B., Physics, $10,000, California Association for Research in Astronomy, “64KRAKENS Science Case Development.”

Meadow, M.A. (History Of Art & Architecture), Interdisciplinary Humanities Center, $20,000, American Academy in Berlin, “Quiccheberg’s Containers: Inventing Pragmatic Knowledge in Early-Modern Collections.”

Miller, R.J. (Earth Research Institute), Marine Science Institute, $3,551,869, NASA, “Demonstrating an effective Marine BON in the Santa Barbara Channel - NASA.”


Raven, M., Neuroscience Research Institute, $3,200, Olympus Corporation of America, “2015 Advanced Microscopy and Digital Imaging Workshop - LIVE.”

Rumberger, R.W. (Education), Gevirtz Graduate School of Education, $50,000, University Of Melbourne (The) (Australia), “US Participation in International Study of City Youth (ISCY).”


Siegel, D.A. (Geography), Earth Research Institute, $223,248, Oregon State University, “MODIS-based phytoplankton carbon and photoacclimation: responses to climate variability.”

Van Koppen, P. (Chemistry & Biochemistry), Gevirtz Graduate School of Education, $21,000, UC California Science Project, “South Coast Science Project.”

Van Koppen, P. (Chemistry & Biochemistry), Gevirtz Graduate School of Education, $36,000, UC California Science Project, “South Coast Science Project (NCLB 11).”

Young, M.D. (VC Student Affairs), Dunlap, J.S. (Women’s Center), Institute for Social, Behavioral, & Economic Research, $299,004, USDJ Office Of Justice Programs, “Strengthening Services for Victims on Campus.”


Teel, A.R., Electrical & Computer Engineering, $1,000, Institute of Electrical and Electronics Engineers, Inc. (IEEE), “26th Southern California Control Workshop.”


Helpful Hints

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

Department of Defense (DOD)

Ongoing

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

U.S. Army Corps of Engineers

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

Contact: Varies with research interest

Solicitation number: W912HZ-13-BAA-01

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

Ongoing

**Behavioral and Social Sciences Broad Agency Announcement for Basic, Applied, and Advanced Scientific Research**

U.S. Army Research Office

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

Contact: Varies with research interest

Solicitation number: W911NF-13-R-0001

The U.S. Army Research Institute for the Behavioral and Social Sciences is the Army’s lead agency for the conduct of research, development, and analyses for the improvement of Army readiness and performance via research advances and applications of the behavioral and social sciences that address personnel, organization, training, and leader development issues. This FOA is divided into two sections: 1) Basic Research and 2) Applied Research and Advanced Technology Development. Basic Research is defined as systematic study directed toward greater knowledge or understanding of the fundamental aspects of phenomena and of observable facts without specific application of processes or products in mind. The Applied Research and Advanced Technology Development Section is divided into four subsections: 1) Training; 2) Leader Development; 3) Team and Inter-O rganizational Performance in Complex Environments; and 4) Soldier/Personnel Issues.
Multidisciplinary Research Program of the University Research Initiative (MURI) FY15

Department of Defense (DoD)

http://www.onr.navy.mil/~/media/Files/Funding-Announcements/BAA/2014/14-012-FOAb.ashx

Contact: Varies by agency

Solicitation number: ONRFOA 14-012

The MURI program supports basic research in science and engineering at U.S. institutions of higher education that is of potential interest to DoD. The program is focused on multidisciplinary research efforts where more than one traditional discipline interacts to provide rapid advances in scientific areas of interest. MURI awards are $1M to $2.5M per year with a maximum potential project period of five years. Typical annual funding is in the $1.25M to $1.5M range, while funding for collaborative US / UK topics should be discussed with the topic chief.

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

1. Emulating the Principles of Impulsive Biological Force Generation
2. Exploiting nitrogen vacancy diamonds for manipulation of biological transduction
3. Noncommutativity in Interdependent Multimodal Data Analysis
4. Multi-scale Response for Adaptive Chemical and Material Systems
5. New Regimes in Quantum Optics
6. Fractional Order Methods for Sharp Interface Flows
7. 2-Dimensional Organic Polymers
8. Network Science of Teams

White papers and full proposals addressing the following topics 9 through 13 should be submitted to the Air Force Office of Scientific Research (AFOSR):

10. Large Scale Nano-Architecture Formation
11. Membrane-Based Electronics: Foldable & Adaptable Integrated Circuits
12. Semantics and Structures for Higher-level Quantum Programming Languages
13. Strong Field Laser Matter Interactions at Mid-Infrared Wavelength

White papers and full proposals addressing the following topics 14 through 19 should be submitted to the Office of Naval Research (ONR):

14. Visual Commonsense for Scene Understanding
16. Role of the Host Microbiome on Behavior/Resilience in Response to Stressors
17. Metalloid Cluster Networks
18. Computational and Experimental Methods towards Understanding the Chemistry and Physics of Materials over 2000°C
19. Quantum Optomechanics

U.S. Army Engineer Research and Development Center BAA

U.S. Army Engineer Research and Development Center (ERDC)

https://www.fbo.gov/index?s=opportunity&mode=form&id=88442561687c1770755b4b38e8231474&tab=core&_cview=1

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.

National Aeronautics and Space Administration (NASA)
C.23 Planetary Major Equipment

National Aeronautics and Space Administration

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

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

Solicitation number: NNH12ZDA001N-PME

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

11/24/2014  Preliminary Proposal (Required)

ROSES 2014: Habitable Worlds

National Aeronautics and Space Administration


Contact: Mitch Schulte, 202/358-2127, mitchell.d.schulte@nasa.gov

Solicitation number: NNH14ZDA001N-HW

The goal of the Habitable Worlds program is to use knowledge of the history of the Earth and the life upon it as a guide for determining the processes and conditions that create and maintain habitable environments and to search for ancient and contemporary habitable environments and explore the possibility of extant life beyond the Earth. Theoretical and experimental studies will be considered, as well as quantitative terrestrial field experiments that improve scientific understanding of how in situ measurements at analog sites can or will improve our understanding of the potential for the environment to support life. Research areas include, but are not limited to, the presence of water and/or exotic solvents, sources of energy for life, presence of organics and their reactivity, and water body physics and chemistry as they pertain to habitability and habitability over time. The target bodies for this program element include, but are not limited to: 1) Mars - the astrobiological potential of past or present environments on or in the Martian surface or subsurface. 2) Icy Worlds - the astrobiological potential of icy worlds in the outer solar system, including Europa, Ganymede, Enceladus, and Titan. 3) Habitable Exoplanets and/or their moons- A potentially habitable exoplanet implies a planet with conditions roughly comparable to those of Earth (i.e., an Earth analog) and thus potentially favorable to the presence of life. The maximum award is estimated to be approximately $150K based on previous awards and has a project period of up to three years in most cases and possibly four in rare cases.

1/23/2015  Notice of Intent
3/20/2015  Full Proposal

ROSES 2014: Astrophysics Research and Analysis

National Aeronautics and Space Administration


Contact: Michael Garcia, 202/358-1053, Michael.R.Garcia@nasa.gov

Solicitation number: NNH14ZDA001N-APRA

The Astrophysics Research and Analysis Program (APRA) 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 particle astrophysics. Awards may be for up to four years’ duration (up to five years for suborbital investigations), but shorter-term proposals are typical; four-year or five-year proposals must be well justified. Proposals for suborbital investigations are particularly encouraged. The maximum duration of a project period solicited under this FOA is four years (five years for suborbital investigations).
ROSES 2014: Strategic Astrophysics Technology

National Aeronautics and Space Administration


Contact: Varies with research interest

Solicitation number: NNH14ZDA001N-SAT

NASA's Astrophysics Division has established the Strategic Astrophysics Technology (SAT) program to support the maturation of key technologies to the point at which they are feasible for implementation in space flight missions. The SAT program is not intended to support "basic" research into new technologies and demonstration of their feasibility (technology readiness level, TRL, 1-3), nor is it intended to support flight qualification of mature technologies (TRL 7-9). On the contrary, Low-TRL research is funded through the Astrophysics Research and Analysis program (APRA; Appendix D.3 of this NRA) while flight qualification of technologies is funded through the associated flight project. The SAT Program is designed to support the maturation of technologies whose feasibility has already been demonstrated (i.e., TRL 3), to the point where they can be incorporated into NASA flight missions (TRL 6-7). The maximum duration for a project period solicited under this FOA is three years for TDEM and TCOR elements, two years for TPCOS; proposals with a term shorter than two years will be accepted, but are not encouraged.

National Archives and Records Administration (NARA)

12/4/2014 Application

FY2015 Publishing Historical Records in Documentary Editions

National Archives and Records Administration


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

Solicitation number: CFDA 89.003

The National Historical Publications and Records Commission seeks proposals to publish documentary editions of historical records of national significance. Projects may focus on the papers of major figures from American life or cover broad historical movements in politics, military, business, social reform, the arts, and other aspects of the national experience. The goal of this program is to provide access to and editorial context for the historical documents and records that tell the American story. Applicants may apply for funding for one year, and award amounts may range from $30K to $200K. Cost sharing is required as the Commission ordinarily provides no more than 50 per cent of total project costs.

12/4/2014 Application

FY15 Literacy and Engagement with Historical Records

National Archives and Records Administration

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

Contact: Lucy Barber, 202/357-5306, lucy.barber@nara.gov

Solicitation number: LITERACY-201412

The Literacy and Engagement grant program offers support for projects that will result in archives reaching audiences through digital literacy programs and workshops, new tools and applications, and citizen engagement in archival processes. The NHPRC is looking to fund pilot projects in areas that: 1) Develop partnerships among archives, historical records repositories, educational, and community-based institutions to provide educational opportunities for people, particularly students, to develop their digital literacy skills when they find, evaluate, and use primary source documents online. In addition, projects may seek to increase individual understanding of technology operations and concepts so that they can engage in effective personal digital archiving or other types of digital archives curriculum development; 2) Create or develop new online tools and applications, including mobile apps, to enhance public understanding and access to historical records; and 3) Enlist "citizen archivists" in projects to accelerate digitization and online public access to historical records. This may include, but is not limited to, improving crowdsourcing efforts for identifying, tagging, transcribing, annotating, or otherwise enhancing digitized historical records. The NHPRC is looking for projects to experiment with new techniques and methods in these three areas that will provide models for other organizations and that people and institutions can adopt for free. The Commission expects to make up to six grants of between $50K and $150K. Cost sharing is required and the Commission provides no more than 50 percent of total project costs.
Archives Leadership Institute

National Archives and Records Administration

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

Contact: Lucy Barber, 202/357-5306, lucy.barber@nara.gov

Solicitation number: LEADERSHIP-201412

The National Historical Publications and Records Commission (NHPRC), a part of the National Archives and Records Administration (NARA), supports projects that promote the preservation and use of America's documentary heritage essential to understanding our democracy, history, and culture. The National Historical Publications and Records Commission seeks proposals from organizations to continue the Archives Leadership Institute. The Archives Leadership Institute seeks to bring to tomorrow's leaders the insights and understanding necessary for increasing public use and appreciation of archives. The NHPRC envisions a minimum of a one-week program that will tailor contemporary best practices in leadership skills to issues specific to archives professionals. The grantee will be responsible for all project phases, from curriculum design and development through administering the program for the attendees it selects. Topics for the Institute may include issues in technology, economics, public policy, and constituent relations, along with practical questions of administration, strategic planning, leading change, and fund raising. In addition, there should be opportunities for participants to develop solutions to the specific needs of their institutions. To cover these topics and needs, Institute faculty should include experts and educators in leadership development and organizational management as well as experienced archival leaders. The maximum award is $225K for up to three years.

National Endowment for the Arts (NEA)

12/8/2014 Application

Translation Projects

National Endowment for the Arts

http://arts.gov/grants-individuals/translation-projects/grant-program-description

Contact: Nicki Jacobs, 202/682-5546, jacobsn@arts.gov

Solicitation number:

The Arts Endowment supports projects for the translation of specific works of prose, poetry, or drama from other languages into English. We encourage translations of writers and of work that are not well represented in English translation. All proposed projects must be for creative translations of literary material into English. The work to be translated should be of interest for its literary excellence and value. Priority will be given to projects that involve work that has not previously been translated into English. The maximum award amount may reach up to $25K.

National Endowment for the Humanities (NEH)

11/26/2014 Draft Proposal (optional)
1/7/2015 Application

Collaborative Research Grants

National Endowment for the Humanities

http://www.neh.gov/grants/research/collaborative-research-grants

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

Solicitation number:

Collaborative Research Grants support interpretive humanities research undertaken by a team of two or more scholars, for full-time or part-time activities for periods of one to three years. Support is available for various combinations of scholars, consultants, and research assistants; project-related travel; field work; applications of information technology; and technical support and services. Eligible projects include 1) research that significantly adds to knowledge and understanding of the humanities; 2) conferences on topics of major importance in the humanities that will benefit scholarly research; 3) archaeological projects that include the interpretation and communication of results (projects may encompass excavation, materials analysis, laboratory work, field reports, and preparation of interpretive monographs); and research that uses the knowledge and perspectives of the humanities and historical or philosophical methods to enhance understanding of science, technology, medicine, and the social sciences. It is expected that awards will reach up to $100K for a maximum of three years.
This program helps cultural institutions meet the complex challenge of preserving large and diverse holdings of humanities materials for future generations by supporting preventive conservation measures that mitigate deterioration and prolong the useful life of collections. This program therefore helps cultural repositories plan and implement preservation strategies that pragmatically balance effectiveness, cost, and environmental impact. Projects should be designed to be as cost effective, energy efficient, and environmentally sensitive as possible, and they should aim to mitigate the greatest risks to collections rather than to meet prescriptive targets. This program offers two kinds of awards: grants for planning and for implementation. Planning grants of up to $40K will help an institution develop and assess preventive conservation strategies. Implementation grants of up to $350K will help an institution implement a preventive conservation project. Although cost sharing is not required, NEH is rarely able to support the full costs of projects approved for funding. In most cases, NEH Sustaining Cultural Heritage Collections grants cover no more than 80% of project costs for planning projects and 50% of project costs for implementation projects.

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

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. Applications from recipients of NEH's Digital Humanities Start-Up Grants are welcome. Unlike NEH's start-up grant program, which emphasizes basic research, prototyping, experimentation, and potential impact, the Digital Humanities Implementation Grants program seeks to identify projects that have successfully completed their start-up phase and are well positioned to have a major impact. Awards range from $100K to $325K over a period of one to three years.
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.

Research Supplements to Promote Diversity in Health-Related Research

National Institutes of Health, Cross-Institute

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

Contact: Varies with research interest

Solicitation number: PA-12-149

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

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

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-12-150

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

Small Grants Program for Cancer Epidemiology (R03)

National Institutes of Health, National Cancer Institute (NCI)


Contact: Mukesh Verma, 301/594-7344, vermam@mail.nih.gov

Solicitation number: PAR-12-039

This FOA encourages the submission of Small Research Grant (R03) applications for research on cancer etiology and epidemiology. The overarching goal of this FOA is to provide support for pilot projects, testing of new techniques, secondary analyses of existing data, development and validation of measurement methods, linkage of genetic polymorphisms with other variables related to cancer risk, and development of innovative projects for more comprehensive research in cancer etiology and epidemiology. Applicants may request a maximum budget of $50K per year for up to two years.
Revisions for Early-Stage Development of Informatics Technology (R01)

National Institutes of Health, National Cancer Institute (NCI)


Contact: Varies with research interest

Solicitation number: PAR-12-286

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

Advanced Development of Informatics Technology (U24)

National Institutes of Health, National Cancer Institute (NCI)


Contact: Varies with research interest

Solicitation number: PAR-12-287

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

National Institutes of Health, National Cancer Institute (NCI)

Contact: Varies with research interest

Solicitation number: PAR-12-288

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

NIAMS Small Grant Program for New Investigators (R03)

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

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

Solicitation number: PAR-12-045

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

Training Modules to Enhance Data Reproducibility (R25)

National Institutes of Health

Contact: Michael Rogers, 301/594-3827, rogersm@nigms.nih.gov

Solicitation number: RFA-GM-15-006

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this NIH R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation’s biomedical, behavioral and clinical research needs and foster a better understanding of biomedical, behavioral and clinical research and its implications. To accomplish the stated overarching goal, this FOA will support creative educational activities with a primary focus on developing courses for skills development, specifically, training modules for graduate students, postdoctoral fellows, and beginning investigators designed to enhance data reproducibility. The maximum award is $150K for up to five years.
Approaches to Eliminate HIV and Opportunistic Pathogens from Oral Reservoirs (R01)

National Institutes of Health


Contact: Isaac Rodriguez-Chavez, 301/594-7985, isaac@mail.nih.gov

Solicitation number: RFA-DE-15-003

The goal of this FOA is to support novel basic and translational research projects that focus on the biology of residual oral reservoirs for HIV and opportunistic oral pathogens. These studies will advance our understanding of the immunologic, pathogenic, molecular and cellular mechanisms important for eliminating latently persistent, reactivation competent HIV and other opportunistic pathogens from residual oral reservoirs. Specifically, this FOA encourages studies on: 1) purging and abolishing these pathogens after using Highly Active Anti-Retroviral Therapy (HAART) to induce cytopathic killing and immunoclearance; or 2) developing alternative strategies that directly eliminate latently infected cells in which HAART resistant HIV and opportunistic pathogens persist in oral reservoirs.

Diabetes Impact Award-Closed Loop Technologies: Development and Integration of Novel Components for an Auto

National Institutes of Health


Contact: Guillermo Arreaza-Rubín, 301/594-4724, arreazag@mail.nih.gov

Solicitation number: RFA-DK-12-021

This initiative encourages applications from institutions/organizations proposing groundbreaking original research to develop a highly reliable, wearable, portable and easy to operate system linking continuous glucose monitoring and pancreatic hormones delivery in a closed loop system to improve glucose control and quality of life of patients with diabetes. This FOA will give preference to cutting edge research leading to the development of a new generation of devices engineered to maintain euglycemia and avoid hypoglycemia. The goal is to address barriers that limit progress toward a closed loop system tackling the most important obstacles at the level of sensing, hormone delivery and the design of proper controllers/algorithms able to manage an integrated platform adaptable to remote monitoring when needed. The maximum award amount is for $2.5M for a maximum of five years. This FOA runs in parallel with a FOA of identical scientific scope, RFA-DK-14-014, that utilizes the DP3 Type 1 Diabetes Targeted Research Award mechanism.

Diabetes Impact Award-Closed Loop Technologies: Clinical, Physiological and Behavioral Approaches to Improve Ty

National Institutes of Health


Contact: Guillermo Arreaza-Rubín, 301/594-4724, arreazag@mail.nih.gov

Solicitation number: RFA-DK-12-020

This FOA encourages applications from institutions/organizations proposing human studies to develop and/or test a highly reliable, wearable, portable, easy to operate system linking continuous glucose monitoring and pancreatic hormone delivery in a closed loop system. This research is intended to improve glucose control and quality of life of patients with type 1 diabetes. Only human studies will be considered responsive to this FOA. The maximum award amount is up to $2.5M for a maximum of five years. This FOA runs in parallel with a FOA of identical scientific scope, RFA-DK-14-015, that utilizes the DP3 Type 1 Diabetes Targeted Research Award mechanism.
Gut-Microbiome-Brain Interactions and Mental Health (R21/R33)

National Institutes of Health


Contact: Nancy Desmond, 301/443-3107, ndesmond@nih.gov

Solicitation number: RFA-MH-15-850

This FOA encourages research grant applications from institutions/organizations to investigate mechanisms by which the gut microbiome modulates the development and function of brain circuits that subserve behavioral functions of direct relevance to the mission of the NIMH. Because initial colonization of the gut by microbiota occurs early in life and may influence the subsequent development and modifiability of the central nervous system, developmental studies are of interest. Applicants may propose to use wild-type, gnotobiotic, and/or specific pathogen-free model organisms. With this FOA, the NIMH encourages investigator teams to initiate hypothesis-driven research in this cross-cutting research area and to identify promising mechanistic leads for future basic and translational research that will advance the mission of the NIMH. The maximum award is limited to $175K per year for the R21 and less than $500K per year for the R33 phase. The total project period for each application may not exceed five years.

Global Brain and Nervous System Disorders Research Across the Lifespan (R01)

National Institutes of Health


Contact: Kathleen Michels, 301/496-1653, brainfic@nih.gov

Solicitation number: PAR-14-332

This FOA encourages grant applications for the conduct of innovative, collaborative research projects between U.S. and low- and middle-income country (LMIC) scientists, on brain and other nervous system function and disorders throughout life, relevant to LMICs. Scientists in upper middle income countries (UMICs) are eligible to partner directly with scientists at other LMIC institutions. Income categories are defined by the World Bank at http://data.worldbank.org/about/country-classifications/country-and-lending-groups.

The collaborative research programs are expected to 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, treatment and implementation strategies. The proposed work will also contribute to developing a base for research networking and evidence-based policy beyond the specific research project.

This FOA runs in parallel with a FOA of identical scope, PAR-14-331, that utilizes the R21 Exploratory/Developmental Grant mechanism.

Multidisciplinary Studies of HIV/AIDS and Aging (R01)

National Institutes of Health, Cross-Institute

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

Contact: Varies with research interest

Solicitation number: PAR-12-175

This FOA invites applications proposing to study HIV infection, HIV-associated conditions, HIV treatment, and/or biobehavioral or social factors associated with HIV/AIDS in the context of aging and/or in older adults. Research approaches of interest include clinical translational, observational, and intervention studies in domestic and international settings. The maximum project period is five years. This FOA runs in parallel with two FOAs of identical scientific scope, PAR-12-174, which utilizes the R21 Exploratory/Developmental Grant mechanism, and PAR-12-176, which utilizes the R03 Small Grant mechanism.
Detection of Pathogen-Induced Cancer (DPIC) (R01)
National Institutes of Health, National Cancer Institute (NCI)
Contact: Jacob Kagan, 301/435-1594, kaganj@mail.nih.gov
Solicitation number: PAR-13-190
The purpose of this FOA is to encourage research projects which focus on the interactions of carcinogenic pathogens with the human microbiome and the host for the detection of pathogen-induced cancer (DPIC). This FOA encourages research to assess molecular signatures associated with risk and early detection of pathogen-induced cancer and chronic inflammation associated with progression to invasive cancer. Application budgets are not limited, but need to reflect actual needs of the proposed project. The maximum project period is five years. There are four additional FOAs issued under the DPIC Initiative that cover additional types of projects at different stages: 1) PAR-13-172, R01 Revisions; 2) PAR-13-173, U01 Research Project – Cooperative Agreements Revisions; 3) PAR-13-171, P01 Program Project Grant Revisions; and 4) PAR-13-170, P50 Specialized Centers Revisions.

Imaging and Biomarkers for Early Cancer Detection (R01)
National Institutes of Health, National Cancer Institute (NCI)
Contact: Varies with research interest
Solicitation number: PAR-13-189
This FOA invites research project (R01) applications that combine imaging and biomarkers. The overall objective of this FOA is to facilitate collaborative imaging and biomarker research to improve cancer screening, early cancer detection and diagnosis by integrating multi modality imaging strategies and multiplexed biomarker methodologies. Application budgets are not limited, but need to reflect the actual needs of the proposed project. The maximum project period is five years. This FOA runs in parallel with other FOAs of identical scientific scope: 1) PAR-13-177, R01 Research Project Grant Revisions; 2) PAR-13-176, U01 Research Project - Cooperative Agreements Revisions; 3) PAR-13-175, P01 Program Project Grant Revisions; and 4) PAR-13-174, P50 Specialized Centers Revisions.

Biomarkers of Alzheimer's Disease in Down Syndrome (R01)
National Institutes of Health
Contact: Laurie Ryan, 301/496-9350, ryanl@mail.nih.gov
Solicitation number: RFA-AG-15-011
The goal of this funding opportunity announcement is to enable the identification of the longitudinal progression of Alzheimer's disease in adults with Down Syndrome using clinical, cognitive, imaging, genetic and biochemical biomarkers. The maximum award is $2.5M a year for up to five years.

NHLBI Systems Biology Collaborations (R01)
National Institutes of Health, National Heart, Lung, and Blood Institute (NHLBI)
Contact: Pankaj Qasba, 301/435-0050, qasbap@nhlbi.nih.gov
Solicitation number: PAR-12-138
This FOA encourages Research Project Grant (R01) applications from institutions/organizations that propose collaborative systems biology research projects by multi-disciplinary teams to advance our understanding of normal physiology and perturbations associated with heart, lung, blood, and sleep (HLBS) diseases and disorders. Multi-disciplinary expertise across experimental and computational domains is required, and the multi-PI mechanism is allowed, as integration across these domains is a critical element of the proposed research plan. The maximum project period is five years.
Systems Developmental Biology for Understanding Embryonic Development and the Ontogeny of Structural Birth
National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), Nation
Contact: Varies with research interest
Solicitation number: PAR-15-020
The purpose of this funding opportunity announcement (FOA) is to promote systems developmental biology. In the context of this FOA, systems developmental biology is defined as research focused on understanding how biological components work together to produce the complex biological phenomena encompassing embryonic development.

Cutting-Edge Basic Research Awards (CEBRA) (R21)
National Institutes of Health, National Institute on Drug Abuse (NIDA)
Contact: Susan Volman, 301/435-1315, svolman@mail.nih.gov
Solicitation number: PAR-12-086
This award is designed to foster highly innovative or conceptually creative research related to drug abuse and addiction and how to prevent and treat them. It supports research that is high-risk and potentially high-impact that is underrepresented or not included in NIDA's current portfolio. The proposed research should: 1) test a highly novel and significant hypothesis for which there are scant precedent or preliminary data and which, if confirmed, would have a substantial impact on current thinking; and/or 2) develop or adapt innovative techniques or methods for addiction research, or that have promising future applicability to drug abuse research. Direct costs are limited to $125K per year for up to two years.

Definition of Resilience and Pre-Symptomatic Disease in Lung Health and Disease (R01)
National Institutes of Health
Contact: Patricia Noel, 301/435-0202, noelp@nhlbi.nih.gov
Solicitation number: RFA-HL-15-024
The purpose of this FOA is to invite applications that will seek to prospectively define and/or validate pulmonary or immune system attributes associated with pre-symptomatic disease states or resilience, with the goal of informing the development of primary prevention strategies for chronic lung diseases. The maximum award is $250K per year for up to three years.

Immune and Inflammatory Mechanisms in Alzheimer's Disease (R01)
National Institutes of Health
Contact: Bradley Wise, 301/496-9350, wiseb@nia.nih.gov
Solicitation number: RFA-AG-15-018
The goal of this FOA is to establish the role of the brain innate immune system, the systemic immune system, and the crosstalk and changes with age between the two in the development and progression of Alzheimer’s disease. An interdisciplinary and integrative research approach to identify the cell networks and mediators of the brain and systemic immune and inflammatory systems is expected to give greater insight into the etiological mechanisms underlying Alzheimer’s disease. The maximum award is $500K per year for no more than five years.
Aging and Neuromuscular Junctions (R01)

The purpose of this FOA is to encourage cross-disciplinary research to investigate the mechanisms underlying age-related declines in neuromuscular junctions (NMJs) as a functional unit of nerve and muscle, and explore potential avenues for maintaining the NMJs during aging or reversing the age-dependent loss in function of the NMJs using model organisms. The maximum award is $250K per year for up to five years.

Contact: John Williams, 301/496-6403, williamsj6@mail.nih.gov

4D Nucleome Imaging Tools (U01)

The purpose of this FOA is to solicit applications that will accelerate the development and validation of imaging technologies for visualizing the structural and functional organization of the mammalian genome and its spatiotemporal dynamics. Projects must propose innovative, high resolution, high throughput, quantitative technologies that can be used to study a statistically significant number of single cells to address critical unmet needs in our understanding of nuclear organization. The award amount should reflect the needs of the project and may not exceed a total project period of five years. This FOA runs in parallel with other FOAs of identical scope: RFA-RM-14-006, RFA-RM-14-007, RFA-RM-14-008, RFA-RM-14-010, RFA-RM-14-011. These FOAs utilize the U01 Research Project mechanism with exception to the first FOA listed which utilizes the U54 Specialized Center mechanism.

Interdisciplinary Research to Understand the Vascular Contributions to Alzheimer's Disease (R01)

The goal of this FOA is to support interdisciplinary research that will lead to a greater understanding of the mechanisms by which vascular factors contribute to the complex etiology of Alzheimer's disease. The maximum award is $750K per year for up to five years.

Contact: Suzana Petanceska, 301/496-9350, petanceskas@nia.nih.gov

Eradication of HIV-1 from Central Nervous System Reservoirs (R01)

This FOA invites research grant applications to address the problem of HIV-1 persistence focused solely on the central nervous system (CNS) of HIV-infected persons treated with Highly Active Anti-Retroviral Therapy (HAART). This FOA will support innovative research in five areas: (1) basic research to identify and characterize persistent HIV-1 in CNS derived cells such as macrophages, microglia, and/or astrocytes in the setting of suppressive anti-retroviral therapy, with or without substance use; (2) basic research to determine the mechanisms involved in the temporal establishment, maintenance, and resurgence of persistent HIV-1 in the CNS in relationship to the timing of antiretroviral therapy; (3) development of physiologically relevant animal models and CNS-based cellular assays that recapitulate HIV-1 persistence and latency in the presence of effective HAART including effects of chronic substance use; (4) assessment of current and emerging eradication approaches on whether and/or how well they have successfully reactivated persistent HIV from CNS-derived cells such as macrophages, microglia and astrocytes; and (5) assessment of CNS toxicity and adverse impacts of current and emerging eradication strategies. Applications ranging from basic to translational research in domestic and international settings are of interest. Multidisciplinary research teams are encouraged but not required. The maximum period of five years.

Contact: Jeymohan Joseph, 301/443-6100, jjeymoha@mail.nih.gov
Centers of Excellence on Environmental Health Disparities Research (P50)

National Institutes of Health


Contact: Symma Finn, 919/541-4258, finns@niehs.nih.gov

Solicitation number: RFA-ES-14-010

This FOA encourages grant applications to support Centers of Excellence on Environmental Health Disparities Research to stimulate basic and applied research on environmental health disparities. The proposed research is expected to develop innovative approaches to understand environmentally-driven health disparities and improve access to healthy environments for vulnerable populations and communities. The proposed Centers are expected to support research efforts, mentoring, research translation and information dissemination.

BRAIN Initiative: New Technologies and Novel Approaches for Large-Scale Recording and Modulation in the Nervous System

National Institutes of Health


Contact: Kip Ludwig, 301/496-1447, NINDS-Brain-Initiative@nih.gov

Solicitation number: RFA-NS-15-003

This FOA seeks applications for proof-of-concept testing and development of new technologies and novel approaches for large scale recording and manipulation of neural activity, to enable transformative understanding of dynamic signaling in the nervous system. In particular we seek to address major challenges associated with recording and manipulating neural activity, at or near cellular resolution, at multiple spatial and/or temporal scales, in any region and throughout the entire depth of the brain. Proposed technologies should be compatible with experiments in behaving animals, and should include advancements that enable or reduce major barriers to hypothesis-driven experiments. Technologies may engage diverse types of signaling beyond neuronal electrical activity for large-scale analysis, and may utilize any modality such as optical, electrical, magnetic, acoustic or genetic recording/manipulation. Applications that seek to integrate multiple approaches are encouraged. Awards offer up to three years of support. This FOA runs in parallel with two other FOAs of identical scientific scope, RFA-NS-15-004 U01 and RFA-NS-15-005 U01, that both utilize the Research Project - Cooperative Agreement mechanism.

Tobacco Control Regulatory Research (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-12-267

The purpose of this FOA is to encourage biomedical, behavioral, and social science research that will inform the development and evaluation of regulations on tobacco product manufacturing, distribution, and marketing. Research projects must address the research priorities related to the regulatory authority of the Food and Drug Administration (FDA) Center for Tobacco Products (CTP) as mandated by the Family Smoking Prevention and Tobacco Control Act (FSPTCA), Public Law 111-31. The awards under this FOA will be administered by NIH using designated funds from the FDA CTP for tobacco regulatory science. Research results from this FOA are expected to generate findings and data that are directly relevant to inform the FDA’s regulation of the manufacture, distribution, and marketing of tobacco products to protect public health. Application budgets are not limited, but need to reflect actual needs of the proposed project. The maximum project period is five years. This FOA runs in parallel with FOAs of identical scientific scope: PAR-12-266, which utilizes the R21 Exploratory/Developmental Grant mechanism, and PAR-12-268, which utilizes the R03 Small Grant Program mechanism.
**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-14-183

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.

**NEI Translational Research Program (TRP) on therapy for Visual Disorders (R24)**

National Institutes of Health, National Eye Institute (NEI)


Contact: Neeraj Agarwal, 301/451-2020, agarwalnee@nei.nih.gov

Solicitation number: PAR-13-370

This program focuses on the development of novel therapies to treat visual diseases and disorders. In the context of this program, an expert develops a multi-disciplinary research team that applies an integrative approach to develop rapid and efficient translation of innovative laboratory research findings into clinical therapeutic development. It involves collaborative teams of scientists and clinicians with expertise in multiple disciplines, operating according to a clear leadership plan. Such a collaborative approach is particularly appropriate for research focused on pathways that will likely be targeted by biological intervention, such as gene therapy, cell-based therapy, and pharmacological approaches. The intention of this program is to make resources available to scientists from several disciplines to address scientific and technical questions that would be beyond the capabilities of any one research group. Each project should have a well-defined end-point, achievable within a five-year time frame, of developing a specific treatment for a specific ocular disease. The suggested topics of research include, but are not limited to: 1) Gene transfer; 2) Selectively targeted cell-based therapies; 3) Stem cell therapy; 4) Rational drug design; and 5) Small Molecules. Applicants may request up to $1.75 million per year direct costs for a total project period of five years.

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

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-13-005

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

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


Contact: Stuart Moss, 301/435-6979, mosstua@mail.nih.gov

Solicitation number: PAR-13-385

The purpose of this FOA is to encourage applications from the scientific community to support the development of comprehensive reference epigenomes for male and female gametes, and pre-implantation embryos after exposure to a particular environmental factor/insult. What is envisioned is the establishment of a compendium/atlas annotating epigenetic changes during various stages of spermatogenesis, oogenesis, and pre-implantation embryo development, the identification of the affected genes, and the characterization of any resulting phenotype in the offspring. Application budgets are limited to $250K (direct costs) per year over a maximum project period of two years.

Consortium on Beta-cell Death and Survival (HIRN-CBDS) (UC4)

National Institutes of Health


Contact: Olivier Blondel, 301/451-7334, blondelol@niddk.nih.gov

Solicitation number: RFA-DK-14-021

This FOA requests applications for the development of medium- to high-throughput "omics" technologies that can be used to explore human pancreatic tissues with single cell- or near single cell- resolution. Successful applicants will join the Consortium on Beta cell Death and Survival (CBDS), whose mission is to identify the mechanisms of beta cell stress and destruction central to the development of Type 1 Diabetes (T1D) in humans, with the long-term goal of protecting the residual beta cell mass in T1D patients as early as possible in the disease process, and preventing the progression towards autoimmunity. CBDS is part of the Human Islet Research Network (HIRN). The maximum award is $900K per year for up to five years.

Functional Genetics, Epigenetics, and Non-coding RNAs in Substance Abuse (R01)

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


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

Solicitation number: PA-14-014

Genetic and genomic studies have identified genes and gene variants that potentially modulate the fundamental biological mechanisms underpinning addictive processes. Discovery of these genes/variants, while extremely valuable, is only a first step in understanding molecular mechanisms of addiction. This FOA encourages basic functional genetic and 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. It is anticipated that the size and duration of awards will vary. This FOA runs in parallel with a FOA of identical scientific scope, PA-14-013, that utilizes the R21 Exploratory/Developmental Grant 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-14-139

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-14-138, which solicits applications under the R21 Exploratory/Developmental Grant mechanism.
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-13-216

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.

Reducing Health Disparities Among Minority and Underserved Children (R01)
National Institutes of Health, Cross-Institute


Contact: Varies with research interest
Solicitation number: PA-14-033

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.

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-13-133

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.
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. Projects periods are limited to 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) http://grants.nih.gov/grants/guide/pa-files/PAR-14-309.html
Contact: Chiiko Asanuma, 301/443-5288, casanuma@mail.nih.gov
Solicitation number: PAR-14-309
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-14-310, which utilizes the R21 Exploratory/Developmental Research Grant Award mechanism.

Renal Function and Chronic Kidney Disease in Aging (R01)
Contact: Varies with research interest
Solicitation number: PA-12-211
This FOA invites applications that propose basic, clinical, and translational research on chronic kidney disease (CKD) and its consequences in aging and in older persons. Applications should focus on the 1) biology and pathophysiology of CKD in animal models; 2) etiology and pathophysiology of CKD in older adults; 3) epidemiology and risk factors for the development of CKD with advancing age; and/or 4) diagnosis, medical management and clinical outcomes of CKD in this population. Research supported by this initiative should enhance knowledge of CKD and its consequences in older adults and provide evidence-based guidance in the diagnosis, prevention, and treatment of CKD in older persons. This FOA runs in parallel with a FOA of identical scientific scope, PA-12-210, that utilizes the R21 Exploratory/Developmental Research Grant Award mechanism. The maximum project period is five years.

Identifying Non-coding RNA Targets for Early Detection of Cancer (R01)
Contact: Wendy Wang, 301/594-7607, wangw@mail.nih.gov
Solicitation number: PA-12-213
This FOA encourages research projects on non-coding RNAs (ncRNAs) and their targets in preneoplastic lesions and early stage cancers. This FOA also encourages research projects to assess the usefulness of stable microRNAs (miRNAs) and ncRNAs to predict progression to cancer and as biomarkers for early cancer detection and screening. Building on both basic and biomarker research on microRNAs (miRNA), this FOA will further promote research on all classes of ncRNAs and support the translation of stable miRNAs into cancer screening or diagnostic tests. This FOA runs in parallel with a FOA of identical scientific scope, PA-12-214, that utilizes the R21 Exploratory/Developmental Research Grant Award. The maximum project period is five years.
Women's Mental Health During Pregnancy and the Postpartum Period (R01)
National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institu
Contact: Varies with research interest
Solicitation number: PA-12-216
The purpose of this FOA is to outline priority areas for research related to women’s mental health during pregnancy and the postpartum period. Priority areas include basic and clinical neuroscience, studies of clinical course, epidemiological factors and risk factors, as well as interventions and services research. The NIMH, NICHD, and NIDA are committed to supporting research that will increase scientific understanding of and treatments for mental disorders experienced by women during and following pregnancy. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-12-215, that utilizes the R21 Exploratory/Developmental Research Grant.

Functions of Skeletal Muscle beyond Contraction (R01)
National Institutes of Health, National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)
http://grants.nih.gov/grants/guide/pa-files/PA-12-208.html
Contact: Amanda Boyce, 301/594-5055, boycea@mail.nih.gov
Solicitation number: PA-12-208
This FOA encourages applications for support of innovative, projects aimed at studying the spectrum of activities of skeletal muscle in health and disease that are beyond its role in contraction and locomotion. These activities include endocrine and paracrine functions of skeletal muscle, resting muscle thermogenesis, sensing of biomechanical stimuli, storing amino acids, regulating systemic metabolism, etc. Advancing understanding of these important functions of muscle may lead to novel strategies for the prevention or treatment of common conditions such as cachexia, obesity, diabetes and sarcopenia. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-12-209, that utilizes the R21 Exploratory/Developmental Grant.

Biomarkers for Early Detection of Hematopoietic Malignancies (R01)
National Institutes of Health, National Cancer Institute (NCI)
http://grants.nih.gov/grants/guide/pa-files/PA-12-221.html
Contact: Lynn Sorbara, 301/435-0584, lynns@mail.nih.gov
Solicitation number: PA-12-221
This FOA encourages research projects for the development and validation of biomarkers for: a) early detection, prediction of progression, and recurrence of hematopoietic malignancies, especially in high-risk individuals; and, b) for risk assessment of primary and secondary hematopoietic malignancies. This FOA also encourages the development and improvement of specific technologies and methods for quantitative detection of novel biomarkers associated with hematopoietic malignancies. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-12-220, that utilizes the R21 Exploratory/Developmental Research Grant Award.
Unconventional Roles of Ethanol Metabolizing Enzymes, Metabolites, and Cofactors in Health and Disease (R01)

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


Contact: Andras Orosz, 301/443-2193, orosza@mail.nih.gov

Solicitation number: PA-14-198

The purpose of this FOA is to provide support for integrated, innovative research on the novel and unconventional contributions of ethanol metabolizing pathways, their metabolites, cofactors, and interactions with synergizing biological pathways in the development of alcohol-induced diseases and end organ injuries. It is anticipated that this FOA will generate data that may lead to breakthroughs in our understanding of identifying key cellular and molecular components in the initiation, progression and maintenance of the diverse medical disorders caused by excessive, long term alcohol consumption. In the future this knowledge may be critical in the diagnosis, treatment and management of vulnerable patient population debilitated by the vast array of alcohol-induced pathologies and enable clinicians to improve disease outcomes and, consequently, public health. Application budgets are not limited, but need to reflect actual needs of the proposed project. The maximum project period is five years. This FOA runs in parallel with FOAs of identical scientific scope, PA-12-234 and PA-12-235, that utilize the R21 Exploratory/Developmental Grant and R01 Research Project Grant mechanisms, respectively.

Stem Cells and Alcohol-induced Tissue Injuries (R01)

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


Contact: Peter Gao, 301/443-6106, gaozh@mail.nih.gov

Solicitation number: PA-12-233

This FOA encourages applications to study human and non-human stem cells involved in alcohol-induced tissue injuries. Alcohol abuse is known to cause pathology in a number of organ systems. Disorders most commonly associated with chronic alcohol consumption include alcoholic liver disease (ALD), pancreatitis, cardiovascular disease, neural damage, endocrine dysfunction, osteoporosis, cancer, and immune dysfunction. The objective of this FOA is to understand the role of stem cells in alcohol-induced tissue damage and recovery, particularly how they are influenced by alcohol metabolism and their role in alcohol-related cancers. Application budgets are not limited, but need to reflect actual needs of the proposed project. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PAR-12-232, that utilizes the R21 Exploratory/Developmental Grant.

Examination of Survivorship Care Planning Efficacy and Impact (R01)

National Institutes of Health, National Cancer Institute (NCI)


Contact: Carly Parry, 301/435-4540, carla.parry@nih.gov

Solicitation number: PA-12-275

The purpose of this FOA is to stimulate research to evaluate the effect of care planning on cancer survivors’ health and psychosocial outcomes; self-management of late effects and adherence to cancer screening and health behavior guidelines; utilization of follow-up care; organizational-level factors influencing the implementation of care planning; and associated costs. Specifically, the FOA aims to stimulate research that will: 1) develop and test metrics for evaluating the impact of survivorship care planning; 2) evaluate the impact of survivorship care planning on cancer survivors’ morbidity, self-management and adherence to care recommendations, utilization of follow-up care, and on systems outcomes, such as associated costs and impact on organizations implementing care planning; and 3) identify models and processes of care that promote effective survivorship care planning. The ultimate goal of this FOA is to generate a body of science that will inform the development and delivery of interventions and best practices in follow-up care for cancer survivors. Application budgets are not limited, but need to reflect actual needs of the proposed project. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-12-274, which utilizes the R21 Exploratory/Developmental Grant mechanism.
Home and Family Based Approaches for the Prevention or Management of Overweight or Obesity in Early Childho
This FOA invites Research Project Grant (R01) applications from institutions/organizations that propose randomized clinical trials testing novel home- or family-based interventions for the prevention or management of overweight in infancy and early childhood. Tested interventions can use behavioral (including dietary and physical activity), environmental, or other relevant approaches. Applications should focus on infants and young children and emphasize the role of home environment and the influence of family/extended family members and parents (including guardians/substantial care-providers) within the child’s home environment. Research should consider the familial mechanisms of behavior such as the role of families in the initiation, support, and reinforcement of fundamental food and beverage consumption, physical activity practices, and sedentary behaviors. In addition it is of interest to elucidate various underlying behavioral determinants that are crucial to initiate or sustain changes in behaviors that impact energy balance. Research designs may include linkages with other settings (e.g., daycare, pre-school, or other community venues) or other care providers (e.g., health care providers or teachers) but must include infants or children less than age six years as the primary study participant along with parents, and/or other family members residing with the child. The overarching goal is to identify interventions that influence parent and child behaviors that contribute to inappropriate weight gain, and thereby improve subsequent health status in childhood, adolescence, and adulthood for which overweight is a known risk factor. Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size and duration of each award will also vary. This FOA runs in parallel with a FOA of identical scientific scope, PA-13-154, that utilizes the R21 Exploratory/Developmental Grant mechanism.

Understanding User Needs and Context to Inform Consumer Health Information Technology (IT) Design (R01)
This FOA looks to bridge the chasm that currently exists between consumer health IT designers and the users themselves, by bolstering basic research to better understand users’ PHIM practices, needs, and goals as they are intrinsically shaped by an array of contextual factors. Each application must clearly identify at least one of these research areas as the primary research area to be addressed: 1) The needs and preferences of diverse user groups in different contexts; 2) User goals, activities, and personal health information management practices; 3) User capacities (e.g., cognitive, physical, health literacy); 4) User motivation (including beliefs and preferences); and 5) Identifying “expert” user groups (e.g., frequent health care consumers and their caregivers) and studying them as models. The total costs awarded to a grant under this FOA will not exceed $500K per year for up to five years.

Research on Autism Spectrum Disorders (R01)
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 (ASD). Basic, clinical, and applied studies are encouraged. Areas of interest include, but are not limited to, the following: 1) Epidemiology; 2) Screening, Early Identification, and Diagnosis; 3) Genetic Studies; 4) Brain Mechanisms; 5) Shared Neurobiology of Autism with Fragile X, Rett Syndrome, and Related Disorders; 6) Cognitive Science; 7) Communication Skills; 8) Pharmacological/Biological Interventions; 9) Pharmacogenomic Studies; 10) Psychosocial/Behavioral Interventions; and 11) Services Research. Application budgets are not limited and the total project period may not exceed 5 years. This FOA runs in parallel with FOAs of identical scientific scope, PA-13-217, which utilizes the R21 Exploratory/Developmental Grant mechanism; and PA-13-218, which utilizes the R03 Small Grant Program mechanism.
Prevention and Treatment of Substance Using Populations with or at Risk for HCV (R01)
National Institutes of Health, National Institute on Drug Abuse (NIDA)
Contact: Will Aklin, 301/443-3207, aklinwm@nida.nih.gov
Solicitation number: PA-14-137
This FOA (R01) outlines priority areas for high impact clinical and basic research for at-risk substance using populations, including those infected with or at risk for HIV. In particular, this FOA encourages research focused on prevention and treatment of Hepatitis C Virus (HCV) to reduce new infections and identify and treat existing infections more effectively. This FOA is informed by priority areas in the 2011 HHS Action Plan, Combating the Silent Epidemic of Viral Hepatitis: Action Plan for the Prevention, Care and Treatment of Viral Hepatitis. The maximum duration of a project period solicited under this FOA is five years. This FOA runs in parallel with FOAs of identical scientific scope, PA-14-136 and PA-14-135, that utilize the R21 Exploratory/Developmental Grant and R34 Planning Grant mechanisms, respectively.

Alcohol-Induced Effects on Tissue Injury and Repair (R01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
http://grants.nih.gov/grants/guide/pa-files/PA-14-123.html
Contact: William Dunty, 301/443-7351, duntyw@mail.nih.gov
Solicitation number: PA-14-123
This FOA encourages Research Project Grant (R01) applications to study molecular and cellular mechanisms of tissue injury and repair associated with alcohol use in humans. Excessive alcohol consumption has the potential to adversely affect multiple organ systems including the liver, brain, heart, pancreas, lung, kidney, endocrine and immune systems, as well as bone and skeletal muscle. In addition, there is accumulating evidence that long term alcohol consumption is associated with reduced host capacity for recovery and repair following trauma. The mechanisms for these alcohol-induced effects on tissue injury and repair are currently not fully understood. NIAAA is especially interested in integrative research that elucidates alcohol’s effects on complex mechanisms of injury and repair that are either common or specific to each organ system. This FOA also encourages the study of alcohol’s effect on stem cells, embryonic development, and regeneration. Also encourages are studies on molecular and cellular actions of moderate alcohol consumption. A better understanding of these underlying mechanisms may provide new avenues for developing more effective and novel approaches for prognosis, diagnosis, intervention, and treatment of alcohol-induced organ damage. The maximum duration of a project period solicited under this FOA is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-14-124, that utilizes the R21 Exploratory/Developmental Grant mechanism.

Strengthening Adherence to Antiretroviral-Based HIV Prevention and Treatment (R01)
National Institutes of Health, National Institute of Allergy and Infectious Diseases (NIAID), National Institute of Mental Health (NI
Contact: Varies with research interest
Solicitation number: PA-14-126
This FOA encourages research to understand and promote adherence to antiretroviral (ARV) regimens for HIV treatment and prevention. Studies addressing pre-exposure prophylaxis (PrEP) and antiretroviral therapy (ART) are the foci of this FOA. The overarching emphasis is on the development of feasible interventions to improve and sustain PrEP or ART adherence which could be rapidly implemented in clinical, community, and policy environments to improve HIV treatment and prevention outcomes. The maximum duration of a project period solicited under this FOA is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-14-125, that utilizes the R21 Exploratory/Developmental Grant mechanism.
Targeted Basic Behavioral and Social Science and Intervention Development for HIV Prevention and Care (R01)

The goal of this FOA is to provide a global outline of areas for innovative, targeted basic behavioral and social science research and intervention development research to reduce the number of new HIV infections and improve the overall health of those living with HIV and encourage research grant applications in these areas. This FOA encourages research designed to (a) conduct basic behavioral and social science research that is needed to advance the development of HIV prevention and care interventions, (b) translate and operationalize the findings from these basic studies to develop interventions and assess their feasibility and (c) conduct tests of the efficacy of HIV prevention and care interventions. The maximum duration of a project period solicited under this FOA is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-14-128, that utilizes the R21 Exploratory/Developmental Grant mechanism.

A Family-Centered Self-Management of Chronic Conditions (R01)

The purpose of this FOA is to encourage research that seeks to build the science of family-centered self-management (FCSM) in chronic conditions. Examples of approaches to this opportunity are as follows but are not limited to: 1) Develop and test FCSM interventions that promote family equilibrium for individuals with chronic conditions as well as when multiple family members have chronic conditions and are at risk of exacerbation of their illness; 2) Develop innovative research designs to determine which FCSM interventions are most efficient to include variability across developmental life stages and who will benefit most; and 3) Incorporate novel technologies for individual and family members to facilitate FSCM such as: monitoring symptom status, promoting health behavioral modifications and accessing/imparting health information. The maximum duration of a project period solicited under this FOA is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-14-113, that utilizes the R21 Exploratory/Developmental Grant mechanism.

Behavioral Interventions to Address Multiple Chronic Health Conditions in Primary Care (R01)

This FOA seeks Research Project Grant (R01) applications that propose to use a common conceptual model to develop behavioral interventions to modify health behaviors and improve health outcomes in patients with comorbid chronic diseases and health conditions. Specifically, this FOA will support research in primary care that uses a multi-disease care management approach to behavioral interventions with high potential impact to improve patient-level health outcomes for individuals with three or more chronic health conditions. The proposed approach must modify behaviors using a common approach rather than administering a distinct intervention for each targeted behavior and/or condition. Diseases and health conditions can include, but are not limited to: mental health disorders (e.g., depression), diabetes, smoking, obesity, chronic pain, alcohol and substance abuse and dependence, chronic obstructive pulmonary disorder, cancer and hypertension. The maximum duration of a project period solicited under this FOA is five years.
Early Stage Development of Technologies in Biomedical Computing, Informatics, and Big Data Science

National Institutes of Health, Cross-Institute

http://grants.nih.gov/grants/guide/pa-files/PA-14-155.html - Section VII. Agency

Contact: Varies with research interest

Solicitation number: PA-14-155

The NIH is interested in promoting a broad base of research and development of technologies in biomedical computing, informatics, and Big Data Science that will support rapid progress in areas of scientific opportunity in biomedical research. It is expected that this research and development is conducted in the context of important biomedical and behavioral research problems. As such, applications are intended to develop enabling technologies that could apply to the interests of most NIH Institutes and Centers and range from basic biomedicine and including research to all relevant organ systems and diseases. Major themes of research include collaborative environments; data integration; analysis and modeling methodologies; and novel computer science and statistical approaches. New opportunities are also emerging as large and complex data sets are becoming increasingly available to the research community. This initiative aims to address biomedical research areas in biomedical computing, informatics, and Big Data science through the early stage development of new software, tools and related resources, as well as the fundamental research (e.g., methodologies and approaches) leading up to that development. Acceptable budgets are not to exceed $300K direct costs per year over a maximum project period of three years. This FOA runs in parallel with FOAs of identical scientific scope, PA-14-156, PA-14-154 and PA-14-157, that utilize the R01, R43/R44 and R41/R42 grant mechanisms, respectively.

2/5/2015 Application

Extended Development, Hardening and Dissemination of Technologies in Biomedical Computing, Informatics and Big Data Science

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-14-156

The goal of this program announcement is to support the extended development, maintenance, testing, evaluation, hardening and dissemination of existing biomedical software. The NIH is interested in promoting a broad base of research and development of technologies in biomedical computing, informatics, and Big Data Science that will support rapid progress in areas of scientific opportunity in biomedical research. It is expected that this research and development is conducted in the context of important biomedical and behavioral research problems and that domain researchers are consulted to make sure that the software is relevant to users. As such, applications are intended to develop enabling technologies that could apply to the interests of most NIH Institutes and Centers and range from basic biomedicine and including research to all relevant organ systems and diseases. Major themes of research include collaborative environments; data integration; analysis and modeling methodologies; and novel computer science and statistical approaches. New opportunities are also emerging as large and complex data sets are becoming increasingly available to the research community. The proposed work should apply best practices and proven methods for software design, construction, and implementation to extend the applicability of existing technologies in biomedical computing, informatics and big data science to a broader biomedical research community. The maximum duration of a project period is five years. This FOA runs in parallel with FOAs of identical scientific scope, PA-14-155, PA-14-154 and PA-14-157 that utilize the R21, R43/R44 and R41/R42 grant mechanisms, respectively.
Temporal Dynamics of Neurophysiological Patterns as Potential Targets for Treating Cognitive Deficits in Brain Dis

A rich body of evidence suggests that cognitive processes are associated with particular patterns of neural activity. These data indicate that oscillatory rhythms, their co-modulation across frequency bands, spike-phase correlations, spike population dynamics, and other patterns might be useful drivers of therapeutic development for cognitive improvement in neuropsychiatric disorders. This initiative encourages applications to test whether modifying electrophysiological patterns during behavior can improve cognitive abilities. Applications should use experimental designs that incorporate active manipulations to address at least one, and ideally more, of the following topics: (1) in behaving animals, determine which parameters of neural coordination, when manipulated in isolation, improve particular aspects of cognition; (2) in animals or humans, determine how particular abnormalities at the cellular or molecular level, such as specific receptor dysfunction, affect the coordination of electrophysiological patterns during behavior; (3) determine whether in vivo, systems-level electrophysiological changes in behaving animals predict analogous electrophysiological and cognitive improvements in normal humans or clinical populations; and (4) use systems-level computational modeling to develop a principled understanding of the function and mechanisms by which oscillatory and other electrophysiological temporal dynamic patterns unfold across the brain (cortically and subcortically) to impact cognition. Projects are limited to five years in duration. This FOA runs in parallel with a FOA of identical scientific scope, PAR-14-158, that utilizes the R21 Exploratory/Developmental Grant mechanism.

Biology of Manual Therapies (R01)

This FOA encourages research grant applications (R01) from institutions/organizations that propose to investigate the basic science and mechanisms of action underlying the neurophysiological (especially the central nervous system responses), immunological, endocrinological and/or biomechanical consequences of manual therapies, such as spinal manipulation, mobilization and massage therapy. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-14-167, that utilizes the R21 Exploratory/Developmental Grant mechanism.

Clinical Studies of Mental Illness Not Involving Treatment Development, Efficacy, or Effectiveness Trials (Collaborat

This FOA seeks to support collaborative clinical studies, not involving treatment development, efficacy, or effectiveness trials. Primary areas of focus include mental health genetics, biomarker studies, and studies of mental illnesses (e.g. psychopathology, neurodevelopmental trajectories of psychopathology). Applicants should respond to this FOA when two or more sites are needed to complete the study. Accordingly, the collaborating studies share a specific protocol across the sites and are organized as such in order to increase sample size, accelerate recruitment, or increase sample diversity and representation. In studies with a large number of sites, it is expected that one site will be submitted as a coordinating site for data management and/or other centralized administration. For a linked set of collaborative R01s, each site has its own Program Director/Principal Investigator and the program provides a mechanism for cross-site coordination, quality control, database management, statistical analysis, and reporting. The maximum project period is five years.
Research on Psychopathology In Intellectual Disabilities (R01)

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


Contact: Lisa Gilotty, 301/443-3825, gilottyl@mail.nih.gov

Solicitation number: PA-12-219

The purpose of this FOA issued by the National Institute of Mental Health (NIMH), National Institutes of Health (NIH), is to invite grant applications for research designed to elucidate the epidemiology, etiology, treatment, and prevention of mental disorders, including emotional and behavioral problems, in persons of any age with intellectual disabilities. Although intellectual disabilities and autism often co-occur, other separate FOAs are intended for investigators interested in autism: “Research on Autism and Autism Spectrum Disorders” under the NIH Research Project Grant (R01) (PA-10-158), the NIH Small Research Grant (R03) (PA-10-159), and the NIH Exploratory/Developmental Grant (R21) (PA-10-160) award mechanisms. The maximum project period is five years.

Healthy Habits: Timing for Developing Sustainable Healthy Behaviors in Children and Adolescents (R01)

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


Contact: Varies with research interest

Solicitation number: PA-14-177

This FOA seeks to encourage applications that employ innovative research to identify mechanisms of influence and/or promote positive sustainable health behavior(s) in children and youth (birth to age 21). Applications to promote positive health behavior(s) should target social and cultural factors, including, but not limited to: schools, families, communities, population, food industry, age-appropriate learning tools and games, social media, social networking, technology and mass media. Topics to be addressed in this announcement include: effective, sustainable processes for influencing young people to make healthy behavior choices; identification of the appropriate stage of influence for learning sustainable lifelong health behaviors; the role of technology and new media in promoting healthy behavior; identification of factors that support healthy behavior development in vulnerable populations, identification of barriers to healthy behaviors; and, identification of mechanisms and mediators that are common to the development of a range of habitual health behaviors. Given the many factors involved in developing sustainable health behaviors, applications from multidisciplinary teams are strongly encouraged. The ultimate goal of this FOA is to promote research that identifies and enhances processes that promote sustainable positive behavior or changes social and cultural norms that influence health and future health behaviors. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-14-176, that utilizes the R21 Exploratory/Developmental Grant mechanism.

Long-Term Retention in Care for U.S. Substance Using Populations (R01)

National Institutes of Health


Contact: Will Aklin, 301/443-3207, aklinwm@nida.nih.gov

Solicitation number: PA-14-224

The purpose of this FOA is to encourage research on long-term retention in care leading to sustained viral suppression among substance abusers. Award amount is dependent upon the needs of proposed project for a maximum project period of five years. Examples of studies under this initiative include but are not limited to: 1) Research to identify the key elements of peer navigation; 2) Comparative effectiveness studies of different retention approaches; and 3) Studies that look at multiple barriers to care (individual, network, structural) and approaches to address them. This FOA runs in parallel with a FOA of identical scientific scope, PA-14-223 and PA-14-222, that utilizes the R21 Exploratory/Developmental Grant and the R34 Planning Grant mechanism, respectively.
Research on Chronic Overlapping Pain Conditions (R01)

The purpose of this FOA is to encourage epidemiological, clinical and translational research that will increase our understanding of the natural history, prevalence, biological mechanisms, psychological variables, and clinical risk factors responsible for the presence of multiple chronic pain conditions in people with pain. Recent clinical findings suggest that substantial overlap may exist between chronic pain conditions. Individuals diagnosed with one disorder often exhibit characteristics of additional chronic painful conditions or transition to other diagnostic categories. A better understanding is needed of the prevalence of overlapping pain conditions, the underlying etiologies, the progression of these conditions, the evolution of these overlaps, and the therapeutic approaches best suited for treating subjects with these conditions. The main objective of this FOA is the formation of research groups with interests bridging expertise in pain mechanisms with translational and clinical expertise to address important unresolved questions about overlapping pain conditions. Applicants are encouraged to leverage existing and develop new resources pertinent to the study of these conditions. Applicants are encouraged to include researchers with complementary expertise from outside the pain field in their research teams who will enhance the breadth of research and understanding of comorbid chronic pain conditions. The maximum award reflect the needs of the proposed project and has a maximum duration of five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-14-243, that utilizes the R21 Exploratory/Developmental Grant mechanism.

Advancing Interventions to Improve Medication Adherence (R01)

This funding opportunity announcement (FOA) is being issued by the NIH Adherence Network through the Office of Behavioral and Social Sciences Research (OBSSR), with participation from multiple NIH Institutes and Centers. This FOA seeks Research Project Grant (R01) applications that propose interventions to significantly improve medication adherence in individuals. Applications may target medication adherence in the context of treatment for a single illness or chronic condition (e.g., hypertension), to stave off a disease recurrence (e.g., cancer) or for multiple comorbid conditions (e.g., hypertension, diabetes, alcohol use disorders and HIV/AIDS). A well-articulated theoretical or conceptual framework is key for applications encouraged under this announcement. Primary outcomes of the research can include a patient self-report of medication adherence, but must also at least one non-self-report measure of medication adherence (e.g., pharmacy refill records, electronic monitoring, etc.). In addition, applications are encouraged to include a relevant health outcome or biomarker (e.g., blood pressure, viral load in HIV-infected individuals, cholesterol levels, HbA1c) that is expected to be affected by changes in the targeted adherence behavior. For diseases without identified biomarkers, inclusion of a clinical assessment (e.g., a medicine blood level, diagnostic interview or an independent clinician rating of the symptoms and behaviors) may be considered.

This FOA runs in parallel with a FOA of identical scope, PA-14-335, that utilizes R21 Exploratory/Developmental Grant mechanism.
**Obesity and Asthma: Awareness and Self-Management (R01)**

National Institutes of Health


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

Solicitation number: PA-14-316

The purpose of this FOA is to stimulate research to examine the relationship between asthma, obesity and self-management. The prevalence of both asthma and obesity has significantly risen in the past few decades. Although the association between these two conditions has been found in many studies, the exact mechanisms for how this association arises are unresolved to include self-management and achieving control. 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 and transition into adulthood. Studies that investigate the molecular pathways linking asthma and obesity are encouraged as long as the studies describe how this relates to self-management. In addition, intervention studies targeting asthma or obesity and their effects on each other, and possible mechanisms of action and effect on behavior, are encouraged.

**Biobehavioral and Technological Interventions to Attenuate Cognitive Decline in Individuals with Cognitive Impair**

National Institutes of Health


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

Solicitation number: PA-15-017

The purpose of FOA is to stimulate clinical research focused on biobehavioral or technological interventions to attenuate cognitive decline in individuals with dementia (such as Alzheimer’s disease, Lewy body dementia, vascular dementia), mild cognitive impairment (MCI), or disease- or age-related cognitive decline. There is particular interest in interventions that can be implemented in community settings by the affected individual, informal caregivers, or others in the community. Research to inform the development of such interventions is also of interest, as well as research examining underlying mechanisms and biomarkers associated with response to interventions. It is anticipated that the results of this research will help affected individuals maintain independence and quality of life, improve their ability to perform activities of daily living (ADLs) and instrumental activities of daily living (IADLs), and additionally help to reduce stress, burden, and other poor outcomes in their caregivers. The award must reflect the needs of the project and has a maximum duration of five years.

**National Science Foundation (NSF)**

Ongoing

**Earth Sciences Instrumentation and Facilities (EAR IF)**

National Science Foundation, Geosciences (GEO)


Contact: Varies with research interest

Solicitation number: NSF 11-544

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

National Science Foundation, Cross-Directorate


Contact: Varies with research interest

Solicitation number: NSF 12-513

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

NSF-FDA Scholar-in-Residence at FDA

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


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

Solicitation number: NSF 10-533

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

ADVANCE Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

National Science Foundation, Cross-Directorate


Contact: Kelly Mack, 703/292-8575, kmack@nsf.gov

Solicitation number: NSF 12-584

The goal of the ADVANCE program is to develop systemic approaches to increase the representation and advancement of women in academic science, technology, engineering and mathematics (STEM) careers, thereby contributing to the development of a more diverse science and engineering workforce. For this deadline, the program will support Institutional Transformation (IT) awards. IT awards are expected to include innovative systemic organizational approaches to transform institutions of higher education in ways that will increase the participation and advancement of women in STEM academic careers. These awards support comprehensive programs for institution-wide change. NSF expects to make approximately seven Institutional Transformation five-year awards, at various award sizes. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

High-Risk Research in Biological Anthropology and Archaeology (HRRBAA)

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


Contact: John Yellen, 703/292-8759, jyellen@nsf.gov

Solicitation number: NSF 08-523

Anthropological research may be conducted under unusual circumstances, often in distant locations. As a result the ability to conduct potentially important research may hinge on factors that are impossible to assess from a distance and some projects with potentially great payoffs may face difficulties in securing funding. This program gives small awards that provide investigators with the opportunity to assess the feasibility of an anthropological research project. The information gathered may then be used as the basis for preparing a more fully developed research program. Projects which face severe time constraints because of transient phenomena or access to materials may also be considered. Individual awards are limited to $35K and one year duration.
**SBE Doctoral Dissertation Research Improvement Grants (SBE DDRIG)**
National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)


Contact: Varies with research interest

Solicitation number: NSF 11-547

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

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

National Science Foundation


Contact: Vasant Honavar, v honavar@nsf.gov

Solicitation number: NSF 13-093

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

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

National Science Foundation


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

Solicitation number: NSF 13-574

The National Science Foundation (NSF) and the National Institute of Information and Communications Technology (NICT) of Japan have agreed to embark on a collaborative research program to address compelling research challenges that arise from networks supporting future demands of device proliferation and data objects. This NSF solicitation parallels an equivalent NICT solicitation. Proposals submitted under this solicitation must describe joint research with Japanese counterparts who are requesting funding separately under the NICT solicitation. This research and development program addresses three specific challenges that arise when environments with trillions of device and information objects are connected via networks: 1) Network Design and Modeling; 2) Mobility; and 3) Optical Networking. Each award may be up to $300K over three years.
Dynamics of Coupled Natural and Human Systems (CNH)
National Science Foundation, Cross-Directorate
Contact: Tom Baerwald, 703/292-7301, tbaerwal@nsf.gov
Solicitation number: NSF 10-612
This program promotes interdisciplinary analyses of relevant human and natural system processes and complex interactions among human and natural systems at diverse scales. CNH intends to support three types of activities: CNH Large Interdisciplinary Research Projects; CNH Interdisciplinary Team Exploratory Projects; and CNH Research Coordination Networks, with respective award amounts of $500K to $1.5M for two to five years, $150K to $250K for one to two years, and $250K to $500K for five years.

Ecology and Evolution of Infectious Diseases (EEID)
National Science Foundation
Contact: Samuel Scheiner, 703/292-7175, sscheine@nsf.gov
Solicitation number: NSF 14-592
This program supports research on the ecological, evolutionary, and socio-ecological principles and processes that influence the transmission dynamics of infectious diseases. The central theme of submitted projects must be quantitative or computational understanding of pathogen transmission dynamics. The intent is discovery of principles of infectious disease transmission and testing mathematical or computational models that elucidate infectious disease systems. Projects should be broad, interdisciplinary efforts that go beyond the scope of typical studies. They should focus on the determinants and interactions of transmission among humans, non-human animals, and/or plants. Proposals for research on disease systems of public health concern to developing countries are strongly encouraged, as are disease systems of concern in agricultural systems. It is anticipated that there will be $12M in funds to support 9 grants per year.

Secure and Trustworthy Cyberspace (SaTC)
National Science Foundation
Contact: Jeremy Epstein, 703/292-8338, jepstein@nsf.gov
Solicitation number: NSF 14-599
NSTC, with the cooperation of NSF, issued a broad, coordinated Federal strategic plan for cybersecurity research and development to "change the game," minimize the misuses of cyber technology, bolster education and training in cybersecurity, establish a science of cybersecurity, and transition promising cybersecurity research into practice. This program welcomes proposals that address Cybersecurity from a Trustworthy Computing Systems perspective and/or a Social, Behavioral and Economic Sciences perspective, or from the Secure, Trustworthy, Assured and Resilient Semiconductors and Systems perspective. In addition, we welcome proposals that integrate research addressing all of these perspectives. The maximum award is dependent on the category in which the proposal is submitted. Small projects may receive up to $500K with a duration of up to three years. Medium projects may receive up to $1.2M with a duration of up to four years. Large projects may receive up to $3M with a duration of up to five years.
Computing and Communication Foundations (CCF): Core Programs

National Science Foundation


Contact: John Cozzens, 703/292-8910, jcozzens@nsf.gov

Solicitation number: NSF 14-598

CISE’s Division of Computing and Communication Foundations (CCF) supports research and education projects that develop new knowledge in three core programs: 1) The Algorithmic Foundations (AF) program; 2) The Communication and Information Foundations (CIF) program; and 3) The Software and Hardware Foundations (SHF) program. Proposals may be submitted in one of the following three categories: 1) Small projects: up to $500K in total budget, with durations of up to three years; 2) Medium projects: $500K to $1.2M in total budget, with durations of up to four years; and 3) Frontier projects: $1.2M to $10M in total budget, with durations of up to five years.

Computer and Network Systems (CNS): Core Programs

National Science Foundation


Contact: Mimi McClure, 703/292-8950, mmcclure@nsf.gov

Solicitation number: NSF 14-597

CISE’s Division of Computer and Network Systems (CNS) supports research and education projects that develop new knowledge in two core programs: 1) Computer Systems Research (CSR) program; and 2) Networking Technology and Systems (NeTS) program. Proposers are invited to submit proposals in three project classes, which are defined as follows: 1) Small Projects - up to $500,000 total budget with durations up to three years; 2) Medium Projects - $500,001 to $1,200,000 total budget with durations up to four years; and 3) Large Projects - $1,200,001 to $3,000,000 total budget with durations up to five years.

Sociology Program Doctoral Dissertation Research Improvement Awards (Soc-DDRI)

National Science Foundation


Contact: Patricia White, 703/292-8762, pwhite@nsf.gov

Solicitation number: NSF 14-604

This program supports basic research on all forms of human social organization -- societies, institutions, groups and demography -- and processes of individual and institutional change. The program encourages theoretically focused empirical investigations aimed at improving the explanation of fundamental social processes. Included is research on organizations and organizational behavior, population dynamics, social movements, social groups, labor force participation, stratification and mobility, family, social networks, socialization, gender roles, and the sociology of science and technology. The maximum award is $12K.
The Revolutionizing Engineering Departments (RED) solicitation is the first project in the Engineering Directorate’s (ENG) multi-year initiative, the Professional Formation of Engineers, established to create and support an innovative and inclusive engineering profession for the 21st Century. Professional Formation of Engineers (PFE) refers to the formal and informal processes and value systems through which people become engineers. It also includes the ethical responsibility of practicing engineers to sustain and grow the profession in order to improve quality of life for all peoples. The goal of Revolutionizing Engineering Departments (RED) is to address the stated challenges and develop well-functioning departments that may overcome them with a focus on student success in their PFE attainment. Specific activities supported by the RED solicitation may include, but are not limited to: 1) Establishing convergent technical and professional threads that must be woven across the four years, especially in core technical courses of the middle two years, in internship opportunities in the private and public sectors, and in research opportunities with faculty; 2) Exploring strategies for institutional, systemic, and cultural change, including new approaches to faculty governance or department structures and to restructuring faculty incentive or reward systems; 3) Exploring collaborative arrangements with industry and other stakeholders who are mutually interested in developing the best possible PFE environment and opportunities for students; 4) Exploring strategies to bridge the engineering education research-to-practice gap, primarily through faculty development and adoption of best practices in the professional formation of engineers; 5) Devising mechanisms to make change sustainable in the department beyond the award period; and 6) Devising mechanisms to make change adaptable to other departments and institutions.

For the RED solicitation, proposed efforts for departmental change should be revolutionary, not incrementally reformist, and strategies should be developed with impact on the student as the focus. Revolutionary means radically, suddenly, or completely new; producing fundamental, structural change; or going outside of or beyond existing norms and principles. Proposed efforts must be grounded in sound educational theory and work to enable a continuous progression of professional formation through the four year experience. Efforts should address 21st Century skills and T-shaped skills (i.e. cross-disciplinary breadth), and they should be aligned with stakeholder expectations. Awards range from $1M - $2M for five years.
Cyber-Enabled Sustainability Science and Engineering (CyberSEES)

National Science Foundation, Cross-Directorates


Contact: Varies with research interest

Solicitation number: NSF 13-500

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

Partnerships for Innovation: Building Innovation Capacity (PFI:BIC) 2015 - Limited Submission

National Science Foundation, Mathematical and Physical Sciences (MPS)


Contact: Varies with research interest

Solicitation number: NSF 14-610

This program supports academe-industry partnerships, which are led by an interdisciplinary academic research team with at least one industry partner to build technological, human, and service system innovation capacity. These partnerships focus on the integration of technologies into a specified human-centered smart service system with the potential to achieve transformational change in an existing service system or to spur an entirely new service system. A "smart" service system is a system capable of learning, dynamic adaptation, and decision making based upon data received, transmitted, and/or processed to improve its response to a future situation. The system does so through self-detection, self-diagnosing, self-correcting, self-monitoring, self-organizing, self-replicating, or self-controlled functions. These capabilities are the result of the incorporation of technologies for sensing, actuation, coordination, communication, control, etc. PFI:BIC funds research partnerships working on projects that operate in the post-fundamental discovery space but precede being on a clear path to commercialization. These projects require additional effort to integrate the technology into a real service system with human factors considerations, which in turn might spawn additional discoveries inspired by this interaction of humans with the technology. Awards may be up to $1M with an award duration of three (3) years.
Geophysics (PH)

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

Contact: Robin Reichlin, 703/292-8556, rreichli@nsf.gov
Solicitation number: NSF 12-598

11/29/2014 Full Proposal

Hydrologic Sciences

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

Contact: Thomas Torgersen, 703/292-4738, ttorgers@nsf.gov
Solicitation number: NSF 13-531

12/3/2014 Full Proposal

Theory Institute in Atomic, Molecular and Optical Physics - Limited Submission

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

National Science Foundation


Contact: Gayle Pugh, 703/292-7589, gpugh@nsf.gov

Solicitation number: NSF 14-607

This program offers postdoctoral research fellowships to provide opportunities for scientists early in their careers to work within and across traditional disciplinary lines, develop partnerships, and avail themselves of unique resources, sites and facilities. The fellowship program is intended to recognize beginning investigators of significant potential, and provide them with experience that will establish them in positions of leadership in the scientific community. During tenure, fellows will affiliate with an appropriate research institution(s) and conduct research on topics supported by OCE. The OCE fellowship program has two tracks: 1) Track 1 (Broadening Participation) and 2) Track 2 (International). Fellowships are awards to individuals, not organizations, and are administered by the fellows. The maximum award is $87K per year for Track 1, $97K per year for Track 2. Track 2 also includes a $10K per year international allowance to cover additional moving and living costs.

**12/10/2014   Integrative (INT) Proposals**

**Smart and Connected Health (SCH)**

National Science Foundation, Cross-Directorate


Contact: Varies with research interest

Solicitation number: NSF 13-543

The goal of the SCH Program is to accelerate the development and use of innovative approaches that would support the much needed transformation of healthcare from reactive and hospital-centered to preventive, proactive, evidence-based, person-centered and focused on well-being rather than disease. The purpose of this program is to develop next generation health care solutions and encourage existing and new research communities to focus on breakthrough ideas in a variety of areas of value to health, such as sensor technology, networking, information and machine learning technology, decision support systems, modeling of behavioral and cognitive processes, as well as system and process modeling. Two classes of proposals will be considered in response to this solicitation: 1) Exploratory (EXP) projects: One or more investigators may propose projects to be funded up to $170K direct cost ($250K total cost) per year for up to three years; and 2) Integrative (INT) projects: Multidisciplinary teams of investigators may propose projects with funding between $170K and $370K direct cost (up to $500K total) per year for up to four years.

**12/10/2014   Full Proposal**

**Expeditions in Computing**

National Science Foundation, Computer and Information Sciences and Engineering (CISE), Cross-Directorate, Office of Cyberinfrastructures


Contact: Mitra Basu, 703/292-8910, mbasu@nsf.gov

Solicitation number: NSF 14-519

The purpose of this FOA is to provide the CISE research and education community with the opportunity to pursue ambitious, fundamental research agendas that promise to define the future of computing and information. Projects supported by the Expeditions program comprise the following characteristics: 1) Foster research climates that nurture creativity and informed risk-taking, and value complementary research and education contributions such that the whole Expeditions project is greater than the sum of its parts; 2) Draw upon well-integrated, diverse teams of investigators from one or more disciplines within computer and information science and engineering, as well as investigators from other fields where necessary; 3) Stimulate effective knowledge transfer; and 4) Demonstrate experimental systems or support shared experimental facilities (including instruments, platforms and/or testbeds), where necessary, to enable discovery and learning. Projects with annual budgets up to $2M for durations of five years will be supported.
Integrative Strategies for Understanding Neural and Cognitive Systems (NSF-NCS)

National Science Foundation

Contact: Varies with research interest
Solicitation number: NSF 14-611

The complexities of brain and behavior pose fundamental questions in many areas of science and engineering, drawing intense interest across a broad spectrum of disciplinary perspectives while eluding explanation by any one of them. Innovative, integrative, boundary-crossing approaches are necessary to push the field forward. This solicitation describes the first phase of a new NSF program to support transformative and integrative research that will accelerate understanding of neural and cognitive systems. NSF seeks exceptional proposals that are bold, potentially risky, and transcend the perspectives and approaches typical of disciplinary research programs. For FY 2015, this competition is organized around two research themes: Neuroengineering and Brain-Inspired Concepts and Designs and Individuality and Variation.

Science and Technology Centers - Integrative Partnerships 2014 - Limited Submission

National Science Foundation
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5541

Contact: Dragana Brzakovic, 703/292-8040, dbrzak@nsf.gov
Solicitation number: 14-600

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

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 improvement of Biological Field Stations and Marine Laboratories. 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. Only one proposal may be submitted on behalf of any single facility per round of the FSML competition. This limitation does not prevent a single institution from submitting more than one proposal, as long as each proposal is submitted on behalf of a different eligible facility. Planning proposals are for strategic institutional planning for the long term research and education goals of the station. Proposals may request up to $350K. Requests for planning grants are limited to $25K.
12/10/2014  Application

**Cyber-Physical Systems (CPS)**

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


Contact: Varies with research interest

Solicitation number: NSF 14-542

The goal of the CPS program is to develop the core system science needed to engineer complex cyber-physical systems upon which people can depend with high confidence. The program aims to foster a research community committed to advancing research and education in CPS and to transitioning CPS science and technology into engineering practice. By abstracting from the particulars of specific systems and application domains, the CPS program seeks to reveal cross-cutting fundamental scientific and engineering principles that underpin the integration of cyber and physical elements across all application sectors. To expedite and accelerate the realization of cyber-physical systems in a wide range of applications, the CPS program also supports the development of methods, tools, and hardware and software components based upon these cross-cutting principles, along with validation of the principles via prototypes and testbeds. Three types of research and education projects -- differing in scope and goals -- will be considered through this solicitation: 1) Breakthrough projects must offer a significant advance in fundamental CPS science, engineering and/or technology that has the potential to change the field. This category focuses on new approaches to bridge computing, communication, and control. Funding for Breakthrough projects may be requested for a total of up to $500K for a period of up to three years; 2) Synergy projects must demonstrate innovation at the intersection of multiple disciplines, to accomplish a clear goal that requires an integrated perspective spanning the disciplines. Funding for Synergy projects may be requested for a total of $500K to $1M for a period of three to four years; and 3) Frontier projects must address clearly identified critical CPS challenges that cannot be achieved by a set of smaller projects. Funding may be requested for a total of $1M to $7M for a period of four to five years.

---

1/8/2015  Full Proposal
11/3/2015  Full Proposal

**Postdoctoral Research Fellowships in Biology (PRFB)**

National Science Foundation


Contact: Sophie George, 703/292-8470, bio_dbi_prfb@nsf.gov

Solicitation number: NSF 15-501

The Directorate for Biological Sciences (BIO) awards Postdoctoral Research Fellowships in Biology to recent recipients of the doctoral degree for research and training in selected areas supported by BIO and with special goals for human resource development in biology. The fellowships encourage independence at an early stage of the research career to permit Fellows to pursue their research and training goals in the most appropriate research locations regardless of the availability of funding for the Fellows at that site. For FY 2015 and beyond, these BIO programs are (1) Broadening Participation of Groups Underrepresented in Biology, (2) Research Using Biological Collections, and (3) National Plant Genome Initiative (NPGI) Postdoctoral Research Fellowships. The fellowships are also designed to provide active mentoring of the Fellows by the sponsoring scientists who will benefit from having these talented young scientists in their research groups. The research and training plan of each fellowship must address important scientific questions within the scope of the BIO Directorate and the specific guidelines in this fellowship program solicitation.

---

1/9/2015  Preliminary Proposal (required)
3/30/2015  Full Proposal

**Emerging Frontiers in Research and Innovation (EFRI): 2-DARE**

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


Contact: Varies with research interest

Solicitation number: NSF 15-502

The Office of Emerging Frontiers in Research and Innovation (EFRI) provides funding opportunities for interdisciplinary teams of researchers to embark on rapidly advancing frontiers of fundamental engineering research. EFRI seeks proposals with potentially transformative ideas that represent an opportunity for a significant shift in fundamental engineering knowledge with a strong potential for long term impact on national needs or a grand challenge. For this solicitation, EFRI will consider proposals that aim to investigate emerging frontiers in the following research area: Two-Dimensional Atomic-layer Research and Engineering (2-DARE). The maximum award is $2M over four years, pending the availability of funds.
Tectonics
National Science Foundation, Geosciences (GEO)
Contact: David Fountain, 703/292-4751, dfountai@nsf.gov
Solicitation number: NSF 14-609
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.

National Robotics Initiative (NRI): The realization of co-robots acting in direct support of individuals and groups
National Science Foundation
Contact: Jeffrey Trinkle, 703/292-8327, jtrinkle@nsf.gov
Solicitation number: NSF 15-505
This program seeks to accelerate the development and use of robots in the United States that work beside or cooperatively with people. Innovative robotics research and applications emphasizing the realization of such co-robots working in symbiotic relationships with human partners is supported by multiple agencies of the federal government including the National Science Foundation (NSF), the National Aeronautics and Space Administration (NASA), the National Institutes of Health (NIH), the U.S. Department of Agriculture (USDA), and the U.S. Department of Defense (DOD). 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 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.

Linguistics
National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)
Contact: Joan Maling, (703) 292-8046, jmaling@nsf.gov
Solicitation number: PD 98-1311
NSF accepts unsolicited proposals on basic science in the domain of human language, encompassing investigations of the grammatical properties of individual human languages, and of natural language in general. Research areas include syntax, semantics, morphology, phonetics, and phonology. This program encourages projects that are interdisciplinary in methodological or theoretical perspective, and that address questions that cross disciplinary boundaries.
Sedimentary Geology and Paleobiology (SGP)

National Science Foundation, Geosciences (GEO)

Contact: Lisa Park Boush, 703/292-4724, lboush@nsf.gov
Solicitation number: NSF 12-608

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

Social Psychology

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

Contact: Sally Dickerson, 703/292-7277, sdickers@nsf.gov
Solicitation number: PD 98-1332

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

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

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

Contact: William Badecker, 703/292-5069, wbadecke@nsf.gov
Solicitation number: NSF 14-551

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

National Science Foundation


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

Solicitation number: NSF 14-560

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

---

**Geobiology and Low-Temperature Geochemistry**

National Science Foundation, Geosciences (GEO)


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

Solicitation number: NSF 09-552

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

---

**Geomorphology and Land Use Dynamics**

National Science Foundation, Geosciences (GEO)


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

Solicitation number: NSF 14-550

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

---

**Scalable Nanomanufacturing (SNM)**

National Science Foundation


Contact: Varies with research interest

Solicitation number: NSF 15-507

This program is in response to and is a component of the National Nanotechnology Initiative Signature Initiative: Sustainable Nanomanufacturing - Creating the Industries of the Future (http://www.nano.gov/node/611). Although many nanofabrication techniques have demonstrated the ability to fabricate small quantities of nanomaterials, nanostructures and nanodevices for characterization and evaluation purposes, the emphasis of the Scalable Nanomanufacturing program is on research to overcome the key scientific and technical barriers that prevent the production of useful nanomaterials, nanostructures, devices and systems at an industrially relevant scale, reliably, and at low cost and within environmental, health and safety guidelines.
US Ignite

National Science Foundation


Contact: Varies with research interest

Solicitation number: NSF 15-508

US Ignite is an Administration initiative seeking to promote US leadership in the development and deployment of next-generation gigabit applications with the potential for significant societal impact. The primary goal of US Ignite is to break a fundamental deadlock: there is insufficient investment in gigabit applications that can take advantage of advanced network infrastructure because such infrastructure is rare and dispersed. And conversely, there is a lack of broad availability of advanced broadband infrastructure for open experimentation and innovation because there are few advanced applications and services to justify it. This solicitation builds on the experience gained from initial US Ignite activities to further engage the US academic research and non-profit communities along with local cities, municipalities, and regions in exploring the challenges of developing and applying next-generation networking to problems of significant public interest and benefit. In particular, this solicitation has two tracks: the first encourages the development of applications in national priority areas that explore new uses for networks, giving rise to novel networking and application paradigms; and the second expands and enhances the ecosystems in which these applications will evolve and be evaluated. The maximum award for Track One proposals is $600K for up to three years. The maximum award for Track Two proposals is $6M for up to three years.

1/22/2015 Full Proposal

Major Research Instrumentation Program (MRI) FY15: Instrument Acquisition or Development - Limited Submission

National Science Foundation


Contact: Randy Phelps, 703/292-5049, rphelps@nsf.gov

Solicitation number: NSF 15-504

This program serves to increase access to shared scientific and engineering instruments for research and research training in our Nation's institutions of higher education, not-for-profit museums, science centers and scientific/engineering research organizations. It provides organizations with opportunities to acquire major instrumentation that supports the research and research training goals of the organization and that may be used by other researchers regionally or nationally. Each MRI proposal may request support for the acquisition (Track 1) or development (Track 2) of a single research instrument for shared inter- and/or intra-organizational use. Development efforts that leverage the strengths of private sector partners to build instrument development capacity at MRI submission-eligible organizations are encouraged. The MRI program assists with the acquisition or development of a shared research instrument that is, in general, too costly and/or not appropriate for support through other NSF programs. The instrument acquired or developed is expected to be operational for regular research use by the end of the award period. Instrument acquisition or development proposals that request funds from NSF in the range $100K to $4M may be accepted from any MRI-eligible organization. Proposals that request funds from NSF less than $100K may also be accepted from any MRI-eligible organization for the disciplines of mathematics or social, behavioral and economic sciences and from non-Ph.D.-granting institutions of higher education for all NSF-supported disciplines.

Cost-sharing of precisely 30% of the total project cost is required for Ph.D.-granting institutions of higher education and for non-degree-granting organizations. The Office of Research will coordinate cost-sharing requests for the selected campus proposals. Project groups should not seek cost-sharing at the pre-proposal stage.
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 15-503

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. Awards are not to exceed $90K per year (direct and indirect costs) and $450K over a five-year effort.

Division of Environmental Biology (CORE programs) (DEB)

National Science Foundation, Biological Sciences (BIO)


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

Solicitation number: NSF 15-500

This program supports fundamental research on populations, species, communities, and ecosystems. Scientific emphases range across many evolutionary and ecological patterns and processes at all spatial and temporal scales. Areas of research include biodiversity, phylogenetic systematics, molecular evolution, life history evolution, natural selection, ecology, biogeography, ecosystem structure, function and services, conservation biology, global change, and biogeochemical cycles. About 200 awards will be made each year. The Division also welcomes proposals for Small Grants to the core programs via this solicitation. Projects intending total budgets of $150K or less should be identified as such with the designation "SG:" as a prefix to the project title. These awards are intended to support full-fledged research projects that simply require smaller budgets. Small Grant projects will be assessed based on the same merit review criteria as all other proposals.

Exploiting Parallelism and Scalability (XPS)

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


Contact: Varies with research interest

Solicitation number: NSF 15-511

This program aims to support groundbreaking research leading to a new era of parallel computing. XPS seeks research re-evaluating, and possibly re-designing, the traditional computer hardware and software stack for today's heterogeneous parallel and distributed systems and exploring new holistic approaches to parallelism and scalability. Achieving the needed breakthroughs will require a collaborative effort among researchers representing all areas-- from the application layer down to the micro-architecture-- and will be built on new concepts and new foundational principles. New approaches to achieve scalable performance and usability need new abstract models and algorithms, programming models and languages, hardware architectures, compilers, operating systems and run-time systems, and exploit domain and application-specific knowledge. Research should also focus on energy- and communication-efficiency and on enabling the division of effort between edge devices and clouds. Proposals should address problems related to at least one of the four focus areas: 1) foundational principles, 2) cross-layer and cross-cutting approaches, 3) scalable distributed architectures, and 4) domain-specific design. Exploratory awards will be made up to $300K per award and full-size awards may reach up to $1M per award.
Designing Materials to Revolutionize and Engineer our Future (DMREF)

National Science Foundation


Contact: Varies with research interest

Solicitation number: NSF 14-591

As part of a new national materials initiative entitled Materials Genome Initiative for Global Competitiveness, this program 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. 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 are also of interest. 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. The program anticipates there will be awards totaling $500K to $1.5M for periods of three to four years.

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: 15-506

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.

CISE-MPS Interdisciplinary Faculty Program in Quantum Information Science

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


Contact: Varies with research interest

Solicitation number: NSF 15-512

This program is designed to promote research in the area of Quantum Information Science (QIS) by providing resources to allow QIS researchers and researchers from the CISE or MPS disciplines to actively engage in joint research efforts, addressing problems at the interface between the mathematical and physical sciences and computer and information sciences through long-term visits by faculty to a host institution. NSF anticipates making three to four awards for each deadline. Awards are limited to $250K.
Software Infrastructure for Sustained Innovation - SSE & SSI (SI2 - SSE&SSI)

National Science Foundation, Cross-Directorate


Contact: Varies with research interest

Solicitation number: NSF 14-520

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

2/3/2015 Full Proposal

Cyber-Innovation for Sustainability Science and Engineering (CyberSEES)

National Science Foundation, Biological Sciences (BIO), Cross-Directorate, Geosciences (GEO)


Contact: Phillip Regalia, 703/292-8910, pregalia@nsf.gov

Solicitation number: NSF 14-531

CyberSEES supports research on all sustainability topics that depend on advances in computational areas including optimization, modeling, simulation, prediction, and inference; large-scale data management and analytics; advanced sensing techniques; human computer interaction and social computing; infrastructure design, control and management; and intelligent systems and decision-making. The CyberSEES solicitation will support two types of proposals: Type 1 proposals with total budgets (including indirect costs) not exceeding $400K over a period of two years. These are capacity building or exploratory research and education projects led by two or more investigators. Type 2 proposals with total budgets not exceeding $1.2M over a period of up to four years. These proposals are for integrative research and education projects, suitable for collaborative teams led by two or more investigators.

2/3/2015 Full Proposal
9/10/2015 Full Proposal

EHR Core Research (ECR) - Fundamental Research in Science, Technology, Engineering and Mathematics (STEM) Ed

National Science Foundation


Contact: 703/292-2333, ECR@nsf.gov

Solicitation number: NSF 15-509

The EHR Core Research (ECR) program of fundamental research in STEM education provides funding in critical research areas that are essential, broad and enduring. EHR seeks proposals that will help synthesize, build and/or expand research foundations in the following focal areas: STEM learning, STEM learning environments, STEM workforce development, and broadening participation in STEM. The ECR program is distinguished by its emphasis on the accumulation of robust evidence to inform efforts to (a) understand, (b) build theory to explain, and (c) suggest interventions (and innovations) to address persistent challenges in STEM interest, education, learning, and participation. The program supports advances in fundamental research on STEM learning and education by fostering efforts to develop foundational knowledge in STEM learning and learning contexts, both formal and informal, from childhood through adulthood, for all groups, and from the earliest developmental stages of life through participation in the workforce, resulting in increased public understanding of science and engineering. The ECR program will fund fundamental research on: human learning in STEM; learning in STEM learning environments, STEM workforce development, and research on broadening participation in STEM.

Private/Nonprofit Agencies
Surdna Foundation Grants
Surdna Foundation
http://www.surdna.org/what-we-fund/funding-overview.html
Contact: 212/557-0010, questions@surdna.org

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

Ongoing
Smith Richardson Foundation Grants
Smith Richardson Foundation
https://fdo.foundationcenter.org/grantmaker-profile?collection=grantmakers&key=RICH009
Contact: Varies with research interest

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

Ongoing
Asia Responsive Grants
Henry Luce Foundation
http://www.hluce.org/asiarespongrant.aspx
Contact: 212/489-7700, hlf1@hluce.org

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

Ongoing
PepsiCo Grants
Pfizer Inc.
http://www.pepsico.com/Purpose/Global-Citizenship/Strategic-Grants
Contact: 914/253-2000, pepsico.foundation@pepsi.com

Solicitation number:
PepsiCo is committed to advancing objectives related to education, health and wellness, diversity and inclusion, and thought leadership. In advancing these objectives, PepsiCo provides support to approved organizations on an equal-access basis. Applicants seeking a grant for less than $100K must first submit a brief Letter of Interest. Requests are evaluated on a rolling basis. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
Mellon Foundation Grants
The Andrew W. Mellon Foundation
http://www.mellon.org/grant_programs/programs
Contact: Varies with research interest
Solicitation number:
The Foundation supports grantees within five defined program areas: Higher Education and Scholarship; Scholarly Communications and Information Technology; Museums and Art Conservation; Performing Arts; and Conservation and the Environment. The Foundation is committed to identifying the best ideas, and the ablest intellectual leaders in its areas of interest, as well as making certain that the leaders of the institutions that it supports are both exceptional and fully behind the proposed work. Funding varies with project scope and interested researchers are asked to submit letters of inquiry to the appropriate program. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

National Geographic Society Waitt Grants
National Geographic Society
Contact: waitt@ngs.org
Solicitation number:
Grants are made for exploratory fieldwork that holds promise for new breakthroughs in the natural and social sciences. Applications are processed as they are received and awarded quickly to allow researchers to take advantage of immediate opportunities. About 100 grants of $5K to $15K are awarded annually. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

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

FSSS Grants-in-Aid Program
The Foundation for the Scientific Study of Sexuality (FSSS)
http://www.sexscience.org/honors/fsss_grants_in_aid_program/
Contact: aletk001@umn.edu
Solicitation number:
This program provides up to $1K per grant to support scientific sexuality research in areas not likely to receive support from other sources. The money may be used for either a small project that can be completed with the help of the grant or as part of a larger study that might ultimately be funded from other sources. The competition is open to all professionals conducting research on human sexuality. Proposals involving uniquely timely research opportunities, new investigators, volunteer research teams, and actual, not pilot, projects are especially encouraged. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
Waitt Foundation Grants

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

Michelson Grants in Reproductive Biology

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

Energy Foundation Grants

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

Lannan Foundation Grants

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

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

**Solicitation number:**

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

**Conservation Trust Grant**  
National Geographic Society  

**Contact:** conservationtrust@ngs.org

**Solicitation number:**

The objective of the Conservation Trust is to support conservation activities around the world as they fit within the mission of the National Geographic Society. The trust will fund projects that contribute significantly to the preservation and sustainable use of the Earth’s biological, cultural, and historical resources. Applicants are not expected to have PhDs or other advanced degrees. However, applicants must provide a record of prior research or conservation action as it pertains to the proposed project. While grant amounts vary greatly, most range from $15K to $20K. Pre-applications are accepted throughout the year. Applications are submitted by invitation only. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

**Environment Program**  
The William and Flora Hewlett Foundation  

**Contact:**  650/234-4500

**Solicitation number:**

The Environment Program supports projects with goals to: conserve the Western United States and Canada for wildlife and people; slow global climate change by reducing greenhouse gas emissions; ensure that the US energy supply is clean and consumption is efficient; and address environmental problems that disproportionately affect disadvantaged communities in the San Francisco Bay Area. The Foundation accepts unsolicited letters of inquiry for its Western Conservation Program and its Energy and Climate Program. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

**Pollock-Krasner Grants**  
The Pollock-Krasner Foundation, Inc.  
[http://www.pkf.org/grant.html](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.
Funding for Readings and Workshops

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

Mott Foundation Grants

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

Swiss International Short Visits

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 supports projects which address the concerns of the historical studia humanitatis: a humanistic education rooted in the great traditions of the past; the formation of human beings according to cultural, moral, and aesthetic ideals derived from that past; and the ongoing debate over how these ideals may best be conceived and realized. Programs in the following areas are eligible: history; archaeology; literature; languages, both classical and modern; philosophy; ethics; comparative religion; the history; criticism, and theory of the arts; and those aspects of the social sciences which share the content and methods of humanistic disciplines. Inquiries are reviewed on an ongoing basis. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
Whitehall Foundation Grants

Whitehall Foundation

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

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

Solicitation number:

Research Grants are available to established scientists of all ages working at accredited institutions in the US. Grants normally range from $30K to $75K per year for up to three years. Grants-in-Aid are designed for researchers at the assistant professor level who experience difficulty in competing for research funds because they have not yet become firmly established. These grants can also be made to senior scientists. These grants do not exceed $30K over a one-year period. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Changes in Health Care Financing and Organization (HCFO)

Robert Wood Johnson Foundation

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

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

Solicitation number:

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

Brain and Behavior Research Grants

Brain & Behavior Research Foundation

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

Contact: grants@bbrfoundation.org

Solicitation number:

These grants are awarded to basic and/or clinical investigators. The NARSAD Young Investigator Grant supports scientists at the advanced post-doctoral or assistant professor (or equivalent) level. Grants are up to $60K over a two-year period, or $30K per year. The NARSAD Independent Investigator Grant supports scientists at the associate professor (or equivalent) level. Grants are up to $100K over a two-year period, or $50K per year. The NARSAD Distinguished Investigator Grant supports scientists at the full professor (or equivalent) level. Grants are up to $100K for one year. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
CASIS Unsolicited Proposals
Center for the Advancement of Science in Space
http://www.iss-casis.org/Opportunities/UnsolicitedProposals.aspx
Contact: ideas@iss-casis.org
Solicitation number:
The International Space Station U.S. National Laboratory supports investigations across a broad spectrum of basic and applied research. As manager of this research platform, CASIS regularly provides solicitation opportunities in the life, physical, materials and observational sciences. However, CASIS also welcomes unsolicited proposals for research and product development that might be suitable for the National Lab. The CASIS mission is to fully utilize the National Lab, enabling cutting-edge research on station from every corner of the country. CASIS evaluates unsolicited proposals on a regular basis for scientific and economic merit and potential impact. If you have not yet secured funding for your proposed project, please note that proposals receiving high evaluation scores from this review may qualify for funding assistance from our implementation partners, and CASIS may facilitate matching of funds. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Thriving Cultures Program
Surdna Foundation
http://www.surdna.org/what-we-fund/thriving-cultures.html
Contact: 212/557-0010, grants@surdna.org
Solicitation number:
Culture helps people connect over time, inviting them to build and sustain the vibrant communities they call home. Thriving cultures honor and celebrate the artistic impulse as part of community behavior and as a way to strengthen community identity and cohesion. The Surdna Foundation believes that cultural organizations, programs and projects often provide the opportunity for exploration of values and can act as catalysts for the building of just, sustainable communities. At their best, they contribute to fair access to social goods such as rights, opportunities and dignity. Currently, Surdna’s Thriving Cultures Program will accept letters of inquiry in three lines of work: 1) Teens’ Artistic Advancement, 2) Artists Engaging in Social Change, and 3) Community Driven Design. The anticipated grant size ranges from $35K to $80K annually, with duration ranging from one-to-three years. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Environmental Management Participation Program for the U.S. Army Environmental Command (USAEC)
Oak Ridge Institute for Science and Education (ORISE)
http://see.orau.org/ProgramDescription.aspx?Program=10056
Contact: Kim Myers, 410306-9205, kim.myers@orau.org
Solicitation number:
The Army Environmental Commands mission is to lead and execute Army cleanup and environmental quality programs, providing technical expertise to enable Soldier readiness and sustainable military communities. Through the ORISE Environmental Management Participation Program, opportunities exist to participate in the following areas: environmental projects involving cultural and natural resources, restoration, compliance, conservation, pollution prevention, validation, demonstration, technology transfer, quality assurance and quality control, training, information management and reporting, and related programs. Appointments are made up to one year, full-time or part-time and are renewable up to a total of four years full-time participation for postgraduates and renewable up to a total of five years full-time participation for postdoctorates. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
**AFRL Research Collaboration Program**

The objective of the AFRL Research Collaboration program is to enable collaborative research partnerships between AFRL and Academia and Industry in areas including but not limited to Materials and Manufacturing and Aerospace Sensors that engage a diverse pool of domestic businesses that employ scientists and engineers in technical areas required to develop critical war-fighting technologies for the nation’s air, space and cyberspace forces through specific AFRL Core Technical Competencies (CTCs). This objective will be met by awarding contracts/assistance instruments that provide a broad range of highly unique evolutionary and revolutionary technology advances in nine competency areas: Structural Materials and Applications, Functional Materials and Applications, Support for Operations, Manufacturing Technology, Radio Frequency (RF) Sensing, Electro-Optical Sensing, Spectrum Warfare, Layered Sensing Exploitation and Enabling Sensor Devices/Components. Individual awards are anticipated to be in the range of $100K to $750K per contract. Each award is not anticipated to exceed 48 months.

Contact: Angela Campbell, 937/656-7736, Angela.Campbell@wpafb.af.mil

Solicitation number: BAA-RQKM-2013-0005

---

**Fulbright Specialist Program**

The Fulbright Specialist Program (FSP) promotes linkages between U.S. academics and professionals and their counterparts at host institutions overseas. The program is designed to award grants to qualified U.S. faculty and professionals, in select disciplines, to engage in short-term collaborative 2 to 6 week projects at host institutions in over 100 countries worldwide. International travel costs and a stipend are funded by the U.S. Department of State Bureau of Educational and Cultural Affairs. Participating host institutions cover grantee in-country expenses or provide in-kind services. Project activities focus on strengthening and supporting the development needs of host institutions abroad and do not fund personal or clinical medical research and related projects involving patient contact. Eligible activities include short-term lecturing, conducting seminars, teacher training, special conferences or workshops, as well as collaborating on curriculum planning, institutional and/or faculty development. U.S. faculty and professionals apply to join a Roster of Specialists for a 5 year term. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Contact: Margo Cunniffe, 202/686-6243, mcunniffe@iie.org

Solicitation number:

---

**Anthropological Historical Archives Program**

The objective of this Program is to encourage the preservation of unpublished personal research materials of established anthropologists considered of value for research on the history of anthropology. HAP grants of a maximum of $15K are offered to individuals, to assist senior scholars at the end of their careers (or their heirs) with the expense of preparing and transferring their unpublished research materials for archival deposit. Applicants must show evidence that arrangements have been made with an appropriate archival repository. Funds are strictly limited to covering expenses related to the basic preparation of materials for archival deposit. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Contact: 212/683-5000, inquiries@wennergren.org

Solicitation number:
Humanities Research Projects
Gerda Henkel Foundation
http://www.gerda-henkel-stiftung.de/content.php?nav_id=370&language=en
Contact:
Solicitation number:
The grants for research projects involve, depending on the type of project, the assumption of costs for personnel, travel, materials and/or other costs. The applicants must be actively involved in the research work of the project. It is possible to apply for financing for your own post at a research establishment. The precondition: you have successfully completed your Ph.D. and afterwards have at least five years professional experience working in an academic field. Project participants can also be financed in the form of a research scholarship. As part of a research project, the costs incurred of visiting (foreign) scholars can also be financed. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Research Grants for PhD Candidates
Horowitz Foundation for Social Policy
http://www.horowitz-foundation.org/grant-info/
Contact: info@horowitz-foundation.org
Solicitation number:
The Foundation makes targeted grants for work in all major areas of the social sciences, including anthropology, area studies, economics, political science, psychology, sociology, and urban studies, as well as newer areas such as evaluation research. Preference is given to projects that address contemporary issues in the social sciences and issues of policy relevance. Candidates may propose new projects or they may solicit support for research in progress, including final work on a dissertation, supplementing research funds for a work in progress, or travel funds. Grants reach up to $7.5K. 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.

Practitioner Bellagio Residency
Rockefeller Foundation
http://www.rockefellerfoundation.org/bellagio-center/residency-program/practitioner-residency
Contact: 212/869-8500
Solicitation number:
The Bellagio Residency program offers academic, artists, thought leaders, policymakers, and practitioners a setting conducive to goal-oriented work and the opportunity to establish new connections with fellow residents from a stimulating array of disciplines and geographies. The Bellagio Center community generates new knowledge to solve some of the most complex issues facing our world and creates art that inspires reflection and understanding on global and social issues. Residencies last between two to four weeks. We are interested in practitioner applicants whose work contributes to the well-being of humankind and/or connects with the Rockefeller Foundation’s issue areas of Advance Health, Revalue Ecosystems, Secure Livelihoods, and Transform Cities. 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.

Innovation in Regulatory Science
Burroughs Wellcome Fund
http://www.bwfund.org/grant-programs/regulatory-science/innovation-regulatory-science
Contact: Rusty Kelley, rkelley@bwfund.org
Solicitation number:
This program seeks to aid academic investigators developing new methodologies or innovative approaches in regulatory science that will ultimately inform the regulatory decisions the Food and Drug Administration (FDA) and others make. The maximum award amount is $500K over a period of up to five years. Before applying to foundation opportunities, please contact Janice Hartoch, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
**2015 Blavatnik National Awards - Limited Submission**

Blavatnik Family Foundation


Contact:

Solicitation number:

The Blavatnik National Awards for Young Scientists recognize the country’s most promising young faculty-rank scientists and engineers in the disciplinary categories of Life Sciences, Physical Sciences & Engineering, and Chemistry. One Blavatnik Laureate in each disciplinary category will receive $250K in unrestricted funds and will be offered an opportunity to publish in Annals of the New York Academy of Sciences on the topic for which he/she is being honored.

---

**Rome Prize**

American Academy in Rome

[http://www.aarome.org/apply/rome-prize/procedure-requirements](http://www.aarome.org/apply/rome-prize/procedure-requirements)

Contact: 212/751-7200

Solicitation number:

Each year, the Rome Prize is awarded to about thirty emerging artists and scholars who represent the highest standard of excellence and who are in the early or middle stages of their working lives. Fellows are chosen from the following disciplines: Architecture, Design, Historic Preservation and Conservation, Landscape Architecture, Literature (awarded only by nomination through the American Academy of Arts and Letters), Music Composition, Visual Arts, Ancient Studies, Medieval Studies, Renaissance and Early Modern Studies, and Modern Italian Studies. Rome Prize recipients are generally invited to Rome for eleven months (some design fellowships are six months and some pre-doctoral art history fellowships are two years). The Rome Prize consists of room and board, a stipend and separate work space, and privileged access to Rome.

---

**International Collaborative Research Grants**

The Wenner-Gren Foundation

[http://www.wennergren.org/programs/international-collaborative-research-grants](http://www.wennergren.org/programs/international-collaborative-research-grants)

Contact: internationalprograms@wennergren.org

Solicitation number:

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

---

**Franklin Research Grants**

American Philosophical Society

[http://www.amphilsoc.org/grants/franklin](http://www.amphilsoc.org/grants/franklin)

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

Solicitation number:

The American Philosophical Society awards small grants to scholars in order to support the cost of research leading to publication in all areas of knowledge. The program is particularly designed to help meet the costs of travel to libraries and archives for research purposes; the purchase of microfilm, photocopies, or equivalent research materials; the costs associated with fieldwork; or laboratory research expenses. Applicants are expected to have a doctorate or to have published work of doctoral character and quality. Ph.D. candidates are not eligible to apply. Funding is offered up to a maximum of $6K.
Sustainable Communities and Economies
Columbia Foundation
http://www.columbia.org/sustainable_guidelines.htm
Contact: 415/861-5657
Solicitation number:
The goal of this program is to advance community and economic development programs that work to secure – for the present and future, and within the means of nature – a just and equitable life for all species. The Foundation focuses its grantmaking on the following: promotion of sustainable food systems that work toward: secure livelihood for farmers and farm workers; protection of natural resources and biodiversity; creation and dissemination of economic development models that work toward the goal of sustainability; and development of the intellectual and policy frameworks for sustainability. The geographic priority is San Francisco Bay Area and Northern California for local projects, and California for statewide projects. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Congressional Fellowship Program for Political Scientists
American Political Science Association (APSA)
http://www.apsanet.org/content_3540.cfm?navID=141
Contact: 202/483-2512, apsa@apsanet.org
Solicitation number:
The purpose of this fellowship is to give early- to mid-career political scientists an opportunity to learn more about Congress and the legislative process through direct participation. Office assignments as full-time legislative aides in the House of Representatives and/or Senate run from December to August. Fellows receive a stipend of $38,000, plus a small travel allowance.

Congressional Fellowship Program for Communications Scholars and Journalists
American Political Science Association (APSA)
http://www.apsanet.org/content_3542.cfm
Contact: 202/483-2512, apsa@apsanet.org
Solicitation number:
The purpose of this fellowship is to give early- to mid-career scholars and journalists an opportunity to learn more about Congress and the legislative process through direct participation. Ideal candidates should have an analytical interest in politics, communications, and public policy, and show promise of making a significant contribution to the public's understanding of the political process. Office assignments as full-time legislative aides in the House of Representatives and/or Senate run from December to August. Fellows receive a stipend of $38,000, plus a small travel allowance.

Preterm Birth Initiative
Burroughs Wellcome Fund
http://www.bwfund.org/grant-programs/reproductive-sciences/preterm-birth-initiative
Contact: Rolly Simpson, rsimpson@bwfund.org
Solicitation number:
The Preterm Birth Initiative was created to increase the understanding of the biological mechanisms underlying parturition and spontaneous preterm birth and will provide up to $600K over a four-year period ($150K per year). The initiative is designed to stimulate both creative individual scientists and multi-investigator teams to approach the problem of preterm birth using creative basic and translation science methods.
Arnold O. Beckman Postdoctoral Fellows Award - Limited Submission

Arnold and Mabel Beckman Foundation

http://beckman-foundation.com/aob-postdoc-program-overview

Contact: cbryant@beckman-foundation.com

Solicitation number:

The purpose of the Beckman Postdoctoral Fellows Award is to initiate and support post-Ph.D. postdoctoral fellows at research institutions across the United States, who have the highest potential for success in an independent academic career in chemistry and the life sciences, thus leading to the development of new tools and methods while providing assistance during their transition from “mentored yet independent” postdoctoral to an independent, tenure-track position. The award will range from $57K to $67K, based on years of relevant postdoctoral research experience at the time of application, with funding provided for a stipend and research expenditures. Research Expenditures may include, but are not limited to: travel to scientific meetings, journal subscriptions, books, computers, training courses, lab supplies, and equipment.

12/1/2014 Letter of Intent (Required)
1/1/2015 Full Proposal (By invitation only)

Civic Art Projects

Black Rock Arts Foundation (BRAF)

http://blackrockarts.org/grants/grant-criteria

Contact: Eli Peterson, 415/626-1248, eli@blackrockarts.org

Solicitation number:

This foundation funds highly interactive, community-driven, collaborative works of art that are accessible to the public and civic in scope. The maximum award is $10K per grant. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

12/3/2014 Full Proposal (by invitation only)

Center for Global Partnership Grants

The Japan Foundation

http://www.cgp.org/intellectual-exchange/regular-grants

Contact: Carolyn Fleisher

Solicitation number:

The Japan Foundation Center for Global Partnership (CGP) is dedicated to strengthening the global U.S.-Japan partnership and cultivating the next generation of public intellectuals necessary to sustain this partnership. As globalization proceeds at an unprecedented rate, to develop comprehensive solutions to resolve complex contemporary issues, it is increasingly necessary not only to incorporate a broader spectrum of scholarship, expertise, and societal actors into the dialogue but also necessary to carry out sustained exchange and dialogue amongst these diverse individuals. Bearing this in mind, the CGP Grant Program supports U.S.-Japan collaborative projects conducted by universities, think-tanks, and other non-profit organizations which incorporate one or both of the following formats: 1) fostering dialogue among diverse stakeholders to formulate solutions for a more peaceful, stable, and equitable global order; and 2) promoting partnerships amongst a broad variety of societal actors, both domestic and international, with the aim to overcome the challenges of globalization for communities world wide. The funding maximum is $100K per year for up to three years. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

12/12/2014 Full Proposal (by invitation only)

Building Bridges 2014-15 - Limited Submission

Doris Duke Charitable Foundation

http://www.ddcf.org/Programs/Building-Bridges/Goals-and-Strategies/Building-Bridges-2013-14-Grants-Program/

Contact: Zeyba Rahman, 212/974-7104, ZRahman@DDCF.org;

Solicitation number:

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

**Allen Foundation Grants**

Procter & Gamble

https://www.allenfoundation.org/commoninfo/aboutus.asp

Contact:

Solicitation number:

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

**Advancing Understanding of Education Practice and Its Improvement**

Spencer Foundation

http://www.spencer.org/resources/content/4/0/7/documents/SRAStatementandProcessOverview.pdf

Contact:

Solicitation number:

With this program, the Spencer Foundation aims to reinforce our commitment to intellectually ambitious research, oriented ultimately to improving the practice of education, and independent of any particular reform agendas or methodological strictures. The foundation suggests that a significant share of the successful proposals that will be funded under this initiative will fall into one of three broad categories. These three categories might be labeled studies of instructional practice, of the educational infrastructure that supports or hinders effective practice, and of the research infrastructure that supports inquiry into educational practice. 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.

**Career Awards at the Scientific Interface**

Burroughs Wellcome Fund


Contact: 919/991-5100, info@bwfund.org

Solicitation number:

These awards provide $500K to bridge advanced postdoctoral training and the first three years of faculty service. These awards are intended to foster the early career development of researchers who have transitioned or are transitioning from undergraduate and/or graduate work in the physical, mathematical, or computational sciences or engineering into postdoctoral work in the biological sciences, and who are dedicated to pursuing a career in academic research. These awards are open to U.S. and Canadian citizens or permanent residents as well as to U.S. temporary residents. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
Ford Foundation Dissertation Fellowships 2015

Ford Foundation

http://sites.nationalacademies.org/PGA/FordFellowships/PGA_047959

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

Solicitation number:

Dissertation fellowships will be awarded in a national competition administered by the National Research Council. The awards will be made to individuals who, in the judgment of the review panels, have demonstrated superior academic achievement, are committed to a career in teaching and research at the college or university level, show promise of future achievement as scholars and teachers, and are well prepared to use diversity as a resource for enriching the education of all students. The Dissertation Fellowship includes a one-year stipend of $25K, expenses paid to attend one Conference of Ford Fellows and access to Ford Fellow Liaisons, a network of former Ford Fellows who have volunteered to provide mentoring and support to current fellows. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

MacDowell Fellowships

The MacDowell Colony

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

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

Solicitation number:

A MacDowell Fellowship provides time, space, and an inspiring environment for artists and consists of exclusive use of a studio, accommodations, and meals for up to eight weeks. The Colony accepts applications from artists working in the following disciplines: architecture, film/video arts, interdisciplinary arts, literature, music composition, theatre, and visual arts. The sole criterion for acceptance is artistic excellence. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Hellman Fellowship in Science and Technology Policy

American Academy of Arts & Sciences

http://www.amacad.org/content/about/about.aspx?d=96&t=4&s=94

Contact: 617/576-5029, hellmanfellow@amacad.org

Solicitation number:

The Hellman Fellowship in Science and Technology Policy provides an opportunity for an early-career professional with training in science or engineering to learn about a career in public policy and administration. While in residence, Hellman Fellows work with senior scientists and policy experts on critical national and international policy issues related to science, engineering, and technology. Hellman Fellows contribute to one or more of the ongoing projects under the Academy’s Initiative for Science, Engineering, and Technology. The studies explore how science and technology are evolving, how to help the public understand those changes, and how society can better adapt to those changes.

The Lewis and Clark Fund for Exploration and Field Research

American Philosophical Society

Contact:

Solicitation number:

The Lewis and Clark Fund encourages exploratory field studies for the collection of specimens and data and to provide the imaginative stimulus that accompanies direct observation. Applications are invited from disciplines with a large dependence on field studies, such as archeology, anthropology, biology, ecology, geography, geology, linguistics, paleontology, and population genetics, but grants will not be restricted to these fields. The maximum award amount is $5K depending on travel costs.
Research Associateship Programs

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

Contact:
Solicitation number:

The Lewis and Clark Fund for Exploration and Field Research in Astrobiology

This program is open to field studies in any area of interest to astrobiology. Astrobiology is the study of the origin, evolution, distribution, and future of life on Earth and in the universe. It encompasses research in, among others, the fields of astronomy, chemistry, evolutionary biology, field and population biology, geology, microbiology, molecular biology, oceanography, paleontology, and planetary science. Astrobiology includes investigations of the geologic and fossil record to understand the conditions of the early Earth when life arose. Its scope also includes research of contemporary locations on Earth that might be similar to early earth and to environments elsewhere in our Solar System (such as on Mars, Europa, and Titan), which may be, or have been in the past, suitable for life. The maximum award is $5K.

Contact:
Solicitation number:

Santa Barbara Cottage Hospital Research Grants

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

Contact:
Solicitation number:

Residential Research Groups: Topic Proposals

Residential research groups (RRGs) convene key scholars to work in collaboration on interdisciplinary topics of special significance. RRGs are in essence teams of researchers, often unknown to each other before residency, and assembled to work on a commonly defined research agenda. Research topics for RRGs are determined by open competition or by UCHRI in consultation with its Advisory Committee. Once a topic is approved, UC and non-UC faculty, as well as postdoctoral and doctoral scholars, are invited to apply to participate. 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, public-facing projects, multimedia websites, significant extramural proposals, substantial curriculum plans, or other such significant projects arising from research pursued at UCHRI.
UCHRI Conference Grants 2015-16

University of California Humanities Research Institute (UCHRI)


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

Solicitation number:

UCHRI funds a regular program of conference and event support to promote innovative, collaborative and interdisciplinary research, being particularly responsive to those intellectual activities that cannot readily occur within existing departmental and programmatic structures. Although the conference model is one such means of engaging in these activities, UCHRI invites interested applicants to consider alternative forms of scholarly gatherings, and especially those that result in conversations and projects that have scholarly outcomes beyond the conference or event. Those events that draw upon publics beyond the academy are especially encouraged. The maximum award may reach up to $10K. Cost sharing is required and UCHRI expects that every two dollars of UCHRI funding will be matched by one dollar from another source.

Suedine Nakano, snakano@hri.uci.edu


Contact:

Solicitation number:

UCHRI Research Seminar Grants 2015-16

University of California Humanities Research Institute (UCHRI)

http://uchri.org/cfps/uchri-research-seminar-grants-2015-16/

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

Solicitation number:

The UCHRI invites proposals for research seminars for small groups of UC faculty and advanced graduate students to engage in intensive study of topics chosen by the participants. Seminars may be from a variety of fields in the humanities and humanistic social sciences. Proposed seminars should draw participants from across humanistic disciplines around a clearly defined topic or from a discrete discipline to explore interdisciplinary approaches to a defined topic. Seminars should provide an opportunity for sustained engagement around a shared set of research materials or texts, broadly defined, which might include recent or innovative publications in a field, classic texts or archival material revisited, performances, exhibitions, screenings, etc. Topics and materials should encourage innovative thinking, approaches, or new directions in humanities scholarship. The maximum award amount is $4K per award.