Campus and Agency News

FUNDING DATABASE WORKSHOP FOR SOCIAL SCIENCES, FINE ARTS, HUMANITIES, AND EDUCATION

COS Pivot is a funding opportunities database available to our campus. Pivot combines the most comprehensive, editorially maintained database of public and private funding opportunities worth an estimated $33 billion. Come learn how to use Pivot, one of the largest databases for identifying grant opportunities for sponsored research, programs, travel, fellowships and more. Hosted by the Office of Research.

Day: Monday, November 2
Time: 1-2pm
Place: SSMS 1005

REMEMBER: BORCHARD OPPORTUNITIES IN FRANCE

*Please note you must call (818) 730-0353 to talk with program officer before submitting application online*

Scholars in Residence: $30,000
Must be on sabbatical to reside at Chateau de la Bretesche for research and/or writing of research. During 2016-17 academic year.

International Colloquium: $35,000
To host a 3 day international colloquia in academic field at Chateau de la Bretesche during summer 2016. Equal number of participants from US as Europe.

Deadline: October 15, 2015
URL: http://www.borchardcenter.org/

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: Advanced Technological Education (ATE) Program Support for Manufacturing Innovation Institutes (MIIs) and Investing in Manufacturing Communities Partnerships (IMCPs)

The National Network for Manufacturing Innovation (NNMI) Initiative is a federal inter-agency effort supporting the development of Manufacturing Innovation Institutes (MIIs) (http://www.manufacturing.gov/welcome.html). The MIIs have unique areas of concentration, but one common goal across the MIIs is building a workforce pipeline to support advanced manufacturing. A second interagency effort is the Investing in Manufacturing Communities Partnership (IMCP) initiative (http://www.eda.gov/challenges/imcp/). This initiative encourages communities to develop economic development strategies to attract manufacturing and supply chain investments. A part of a comprehensive economic development strategy includes supporting or developing a qualified workforce for the industries. The National Science Foundation's (NSF) Advanced Technological Education (ATE) program is supporting the development of a highly qualified entry-level workforce for both the NNMI and IMCP initiatives through partnerships between both MIIs and IMCPs and ATE Centers and projects.
Dear Colleague Letter: Optics and Photonics (OP)
Through this Dear Colleague Letter, NSF encourages innovative research proposals on
optics and photonics that are relevant to one or more Divisions in the Directorates for
Mathematical and Physical Sciences (MPS), Engineering (ENG), Biological Sciences (BIO),
and Computer and Information Science and Engineering (CISE). Currently the OP Program
encompasses efforts of more than 30 disciplinary programs within 9 divisions; the detailed
list of the disciplinary programs involved and of the research areas of particular interest to
each division is given in the document PD 15-9102.

Dear Colleague Letter: EFRI Research Experience and Mentoring (REM)
Program
The National Science Foundation Directorate for Engineering (NSF/ENG), Emerging Frontiers
in Research and Innovation (EFRI) program continually seeks to further progress in EFRI topic
areas while broadening participation of underrepresented groups in science, technology,
engineering, and mathematics (STEM) fields. This letter seeks to call your attention to an op-
portunity to pursue both of these goals through supplements to active EFRI research awards.

Awardees with active EFRI research grants may apply for supplemental funding for this
Research Experience and Mentoring program. REM funding will support costs associated
with bringing Research Participants (RPs) into the laboratory over the summer to participate
in research aligned with the EFRI-supported research goals. REM funds may also be used to
extend the duration of structured mentoring into the academic year.

TRAINING FOR ADMINISTRATORS IN RESEARCH (STAR)
The Sponsored Projects Training for Administrators in Research (STAR) program is a compre-
hensive 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 under-
standing 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 Pro-
gram 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/

Proposal Budget Preparation (3 hours)
This course provides an in-depth exploration of the components of a proposal budget,
including salary and benefit costs, equipment, participant support, supplies, and indirect
cost calculation. This course will also include interactive exercises for preparation of proposal
budgets and Academic Titles.
Offered: Wednesday, October 28, 2015; 9:00am-12:00noon
Location: Marine Science Building Auditorium (MSB 1302)
Instructors: Jenny Martinez, Jessica Ajao, Jane Allen & Joanna Kettmann

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.

Offered: Wednesday, November 18, 2015; 9:00am-12noon
Instructors: Hilda Vasquez, Janet Kim & Kelly Hayton
Location: Marine Science Building Auditorium (MSB 1302)

LIMITED SUBMISSION DEADLINES

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

Programs with upcoming campus deadlines include:

- NIH NINDS Institutional Center Core Grants to Support Neuroscience Research (P30)—Campus Notice of Intent 10/27/2015; Letter of Intent 11/9/2015; Application 12/9/2015

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

- NSF Natural Hazards Engineering Research Infrastructure (NHERI)—Letter of Intent 10/16/2015; Full Proposal 11/04/2015
- NIH Claude D. Pepper Older Americans Independence Centers—Letter of Intent 9/21/2015; Full Application 10/21/2015
- NIH Comprehensive Evaluation of Interactions between Engineered Nanomaterials and Biological System (U01)—Letter of Intent 10/30/2015; Full Proposal 11/30/2015
- NSF ADVANCE Increasing The Participation and Advancement of Women in Academic Science and Engineering Careers—Letter of Intent Institutional Transformation 11/05/2015; Full Proposal Institutional Transformation 01/20/2016
- NSF IUSE / Professional Formation of Engineers: Revolutionizing engineering and computer science Departments (RED)—Letter of Intent 11/10/2015; Full Application 12/15/2015
- NIH NIMHD Transdisciplinary Collaborative Centers for Health Disparities Research on Chronic Disease Prevention (U54)—Letter of Intent 11/16/2015; Full Application 12/16/2015
- NIH NINDS Neuroscience Development for Advancing the Careers of a Diverse Research Workforce (R25)—Full Proposal 1/25/2016
- NSF Mid-Scale Innovations Program in Astronomical Sciences (MSIP)—Preliminary Proposal 9/16/2015; Full Application 2/22/2016
Data provided by Office of Research. “()” represent investigators’ home departments when those are different from the administering unit.

Banerjee, K., Electrical & Computer Engineering, $170,000, National Science Foundation, “NSF: EAGER: 2D Layered Heterostructure based Tunnel Field-Effect Transistors (TFETs) and Circuits.”

Brenner, M.E. (Education), Duran, R.P. (Education), Gevirtz Graduate School of Education, $51,622, UC Links (University-Community Links), “UCSB UC Links.”


Cottle, J.M. (Earth Science), Earth Research Institute, $257,128, National Science Foundation, “Petrologic Constraints on Subduction Termination From Lamprophyres, Ross Orogen, Antarctica.”

Dahlquist, F.W., Chemistry & Biochemistry, $1,381,072, National Institutes of Health, “Mechanistic Studies of Bacterial Chemotaxis.”

Dowdy, E. (Department of Counseling, Clinical, and School Psychology), Gevirtz Graduate School of Education, $351,440, University of South Carolina, “A Psychometric Investigation of Universal Screening for Social-Emotional Development in Preschool Using Parent and Teacher Informants.”

Dozier, J.C. (Geography), Earth Research Institute, $239,066, National Aeronautics and Space Administration, “CAS-NASA Workshops on Snow and Glacier Change and Related Natural Disasters in High Mountain Asia.”


Grafton, S.T. (Psychological & Brain Sciences), Chmelka, B.F. (Chemical Engineering), Institute for Collaborative Biotechnologies, $790,000, Army, “Task 44: Designed Microbial Consortia for Sustainability.”

Han, S., Chemistry & Biochemistry, $1,333,472, National Institutes of Health, “Role of lipid membrane and hydration on the oligomerization and function of PR and A2A.”

Harthorn, B.H. (Anthropology), Partridge, T., Institute for Social, Behavioral, & Economic Research, $107,788, National Science Foundation, “Postdoctoral Fellowship: Energy, Risk and Urgency â€”Emergent Public Perceptions of Unconventional Oil and Gas Extraction.”

Heeger, A.J. (Physics), California Nanosystems Institute, $471,288, University of Akron, “Solution-Processed Infrared Polymer Photodetectors.”

Helgeson, M.E. (Chemical Engineering), Israelachvili, J.N. (Chemical Engineering), College of Engineering (MCAM), $0, Mitsubishi Group (Japan), “NRT-23: Enabling lubricants with robust rheology using Crossi™ colloids.”

Keller, A.A. (Donald Bren School of Environmental Science & Management), Earth Research Institute, $2,479, National Science Foundation, “International travel to participate as reviewer for the third joint transnational call of the ERA-NET SIINN.”


Linz, D.G. (Communication), Institute for Social, Behavioral, & Economic Research, $3,000, Fairleigh Dickinson University, “Campus Sexual Misconduct: Using Perpetrator Risk Assessment and Tailored Treatment to Individualize Sanctioning Phase I.”

Madhow, U., Rodwell, M.J., Electrical & Computer Engineering, $1,600,000, National Science Foundation, “NeTS: Large: Collaborative Research: GigaNets: A Path to Experimental Research in Millimeter Wave Networking.”

Marolf, D.M., Physics, $440,000, Simons Foundation, “Qubit: Simon Collaboration on Quantum Fields, Gravity and Information.”

Meiburg, E.H., Mechanical Engineering, $200,028, National Science Foundation, “Collaborative Research: Multiscale interactions between active particles and stratified fluids during collective vertical migration.”

Mitragotri, S.S., Chemical Engineering, $1,150,000, University of Michigan, “Topobiological Targeting of the Blood Brain Barrier.”
Montell, C. (Molecular, Cellular & Developmental Biology), Neuroscience Research Institute, $3,837,500, National Institutes of Health, “Creation of a new generation of transgenic mosquitoes to control infectious disease.”

Odette, G.R., Mechanical Engineering, $499,711, Oak Ridge National Lab, “Post Irradiation Examination of the UCSB ATR-2 Experiment.”


Polchinski, J.G., Physics, $440,000, Simons Foundation, “Qubit: Simons Collaboration on Quantum Fields, Gravity and Information.”

Pollock, T., materials, $450,000, National Nuclear Security Administration, “New Multimodal Characterization of Additive Structures for Extreme Environments.”

Pollock, T., Begley, M. (Mechanical Engineering), Materials, $1,200,000, National Science Foundation, “DMREF: Accelerating the Design and Synthesis of Multicomponent, Multiphase Metallic Single Crystals.”


Romero, L., Ohlmann, J.C., Earth Research Institute, $1,872,457, Centro De Investigacion Cientifica De Ensenada (Cicese)(Mexico), “Inner-Shelf Near-Surface Horizontal Dispersion in Support of Analysis of Possible Consequences of Large Scale Oil-Spills under Various Scenarios.”

Scott, S.L., Peters, B., Chemical Engineering, $1,380,000, Department of Energy, “Hierarchical Design of Supported Organometallic Catalysts for Hydrocarbon Transformations.”

Stemmer, S., Wilson, S.D., Materials, $543,856, National Science Foundation, “MRI: Acquisition of a versatile cryogen-free dilution refrigerator for materials and condensed matter physics research.”

Tague, C. (Donald Bren School of Environmental Science & Management), Plantinga, A. (Donald Bren School of Environmental Science & Management), Earth Research Institute, $62,980, University of Maryland, “Wildfire Management, Ecosystem Dynamics, and Climate: The Role of Risk Salience in Driving Ecological Outcomes.”


Tyburczy, J.L. (Feminist Studies), Institute for Social, Behavioral, & Economic Research, $1,500, UC Mexus, “Binational Museum Exhibition of Women Artists in the US and Mexico.”


Van der Ven, A., Materials, $120,000, Oak Ridge National Lab, “Research Support to the CASL Project.”

Wei, G., Mathematics, $151,044, National Science Foundation, “Spaces with Curvature Bounded from Below.”
## Program Announcements

### Helpful Hints

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

### Department of Commerce (DOC)

<table>
<thead>
<tr>
<th>Date</th>
<th>Requirement</th>
<th>Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/23/2015</td>
<td>Pre-proposal (required)</td>
<td></td>
</tr>
<tr>
<td>1/8/2016</td>
<td>Full Proposal</td>
<td></td>
</tr>
</tbody>
</table>

**Ocean Exploration Funding Opportunity**

**Department of Commerce**


**Contact:** 301/734-1002, oer.ffo2016@noaa.gov

**Solicitation number:** NOAA-OAR-OER-2016-2004629

This FOA is soliciting pre-proposals followed by full proposals for bold, innovative, multi-partner, interdisciplinary ocean exploration projects in the following areas of interest: 1) physical, chemical and biological characterizations of unknown or poorly known regions of the deep ocean, especially areas deeper than 500 m. 2) baseline characterization of marine archaeological resources at any depth; and 3) technology that advances ocean exploration and has application to NOAA related missions. Approximately $50K to $1.5M will be awarded to 3 to 10 awards for projects that are one to two years in duration.

### Department of Defense (DOD)

**Ongoing**

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

**Air Force Research Laboratory**


**Contact:** Varies with research interest

**Solicitation number:** BAA-AFRL-AFOSR-2015-0001

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

**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-Organizational Performance in Complex Environments; and 4) Solider/Personnel Issues.
**NSA Mathematical Sciences Program**

National Security Agency

https://sam.msp.org/nsa-ams/about/program/guidelines.html

Contact: Charles Toll, 443-634-4390, chtoll@nsa.gov

Solicitation number:

The program supports self-directed, unclassified research in the areas of Algebra, Number Theory, Discrete Mathematics, Probability and Statistics. The program does not support research in cryptology. As of 2015, the FOA will accept proposals for Young Investigator Grants and proposals for conferences, research experiences for undergraduates, and special situations only. Applications for the Standard Grant will not be accepted; next year, it is expected that applications for Standard Grants will be accepted. The Young Investigator Grant award is available to promising investigators within ten years after receiving the Ph.D. The basic award has a bottom line figure of $20K per year for each of two years. Awards cover the direct costs of up to two months of summer salary per year plus fringes, up to $4K for travel expenses, and up to $2.5K for other expenses, such as computers or software.
Multidisciplinary Research Program of the University Research Initiative (MURI) FY16

Department of Defense (DoD)

http://www.grants.gov/web/grants/view-opportunity.html?oppId=277226

Contact: Varies by agency

Solicitation number: ONR-15-FOA-0011

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. For topic 3, proposals are invited that include participation from UK academic institutions (see Section III.2).

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

1. Sequence-Defined Synthetic Polymers Enabled by Engineered Translation Machinery
2. Discovering Hidden Phases with Electromagnetic Excitation
3. Modeling and Analysis of Multisensory Neural Information Processing for Direct Brain-Computer Communications
4. Modular Quantum Systems
5. Spin Textures and Dynamics Induced by Spin-Orbit Coupling
6. Defining Expertise by Discovering the Underlying Neural Mechanisms of Skill Learning
7. Media Analytics for Developing & Testing Theories of Social Structure & Interaction
8. Fundamental Properties of Energy Flow and Partitioning at Sub-nanoscale Interfaces

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

9. Active Ionosphere-Thermosphere Coupling: Mechanisms and Effects
10. Attojoule Nanooptoelectronics
11. 4-D Electromagnetic Origami
12. Radiation-Balanced Lasers – New Vistas in Optical Gain and Refrigeration Materials
13. Quantum Many-Body Physics with Photons

White papers and full proposals addressing the following topics 14 through 21 should be submitted to the Office of Naval Research (ONR):

14. The Role of Epigenetics in Human Performance
15. Realistic Dynamic Formalism for Advanced Cyber Interaction
16. Synthetic Electronics
17. Ultrahigh Thermal Conductivity Materials
18. Characterization of Gas Transport through Biological Membranes
19. Neural Basis of Symbolic Processing
20. Prediction of Multi-Physics Sprays and their Control
21. Dynamic Events in Solid Composite Materials at Ultra High Temperature and Pressure

Stand-Off and Remote Improvised Explosive Device Detection and Neutralization

Department of Defense (DoD)

http://www.grants.gov/web/grants/view-opportunity.html?oppId=278566

Contact: Joong Kim, joong.kim@navy.mil

Solicitation number: N00014-15-R-SN16

Office of Naval Research along with many government agencies have invested in research and development of various concepts of detecting explosive threats (mines, IEDs, and Home-Made Explosives) and their related components (metallic and none-metallic) at stand-off distances. While improvement in sensitivity and selectivity of explosive detection sensors have increased, challenges still remain to acquire relevant information rapidly enough to maintain an operational tempo while maintaining a safe stand-off distance in expeditionary operation (vehicle or other small platform operation). In order to address these challenges, this announcement is seeking innovative research topics that can address the following research areas. ONR plans to fund multiple awards up to $250K per year, however, proposals outside of this cost range will be considered. The period of performance for projects may be up to three years.
Industrial Natural Gas Energy Efficiency Grants

This FOA is soliciting proposals to demonstrate pre-commercial and/or emerging energy efficient technologies that can directly reduce natural gas use in California’s industrial sectors. For purposes of this solicitation, “energy efficient” technologies are those that either use less natural gas to provide the same service at an industrial, agriculture and water facility, or provide more services with the same amount of natural gas input. This solicitation excludes energy generation projects or those that produce renewable natural gas, such as biogas, as a substitute for natural gas. Funded technologies must be past the “proof-of-concept” stage and ready to be demonstrated in industrial settings under “real-world” operational conditions. Projects will accelerate commercialization of natural gas-related, energy efficient industrial, agriculture and water/wastewater processes. Eligible technologies must have completed performance testing (e.g., field, lab, bench-scale, pilot-scale) and have verified data to justify that the technology is ready for demonstration in various industrial settings. Additionally, independent third-party measurement and verification (M&V) is required to address the natural gas savings and economic benefits at each demonstration site. There will be a $500K minimum but no more than $2M for each project.

Contact: Janna Franks, 916/654-4921, janna.franks@energy.ca.gov

Solicitation number: GFO-15-501

Bioenergy Technologies Incubator 2

The overall strategic goal of the Bioenergy Technology Office (BETO) is to develop commercially viable bioenergy and bioproducts to enable sustainable, nationwide production of biofuels that are compatible with today’s transportation infrastructure, can reduce GHG (greenhouse gas) emissions relative to petroleum-derived fuels, and can displace a share of petroleum-derived fuels to reduce U.S. dependence on foreign oil and encourage the creation of a new domestic bioenergy industry. BETO has targeted a performance goal of validating, at pilot scale, at least one technology pathway for hydrocarbon biofuel at a mature modeled cost of $3/GGE (gasoline gallon equivalent) with GHG emissions reduction of 50% or more compared to petroleum-derived fuel by 2017, and validating two additional pathways by 2022. These high level strategic and performance goals are expanded in further detail in BETO’s multi-year program plan (MYPP). However, BETO recognizes that there may be very novel and potentially disruptive ideas that do not necessarily satisfy the requirement of specific FOAs yet still meet BETO’s goals and mission. The program is intended to identify these potentially impactful ideas that are not meaningfully addressed in BETO’s strategic plan or project portfolio. It is NOT intended to fund projects that are incremental improvements to current products or processes or for established work in BETO’s strategic plan or current portfolio. Individual awards may vary between $1M or less and $2M.
Graduate Research Fellowship in Science, Technology, Engineering, and Mathematics

Department of Justice


Contact: GRF-STEM@usdoj.gov

Solicitation number: NIJ-2016-4320

This fellowship provides awards to accredited academic institutions to support graduate research leading to doctoral degrees in areas that are relevant to ensuring public safety, preventing and controlling crime, and ensuring the fair and impartial administration of criminal justice in the United States. Applicant academic institutions sponsoring doctoral students are eligible to apply only if: 1) The doctoral student’s degree program is in a science, technology, engineering, or mathematics (STEM) discipline; and 2) The student’s proposed dissertation research has direct implications for providing solutions to problems that affect public safety, crime, and the fair and impartial administration of criminal justice in the United States. Each fellowship award will initially be made for a 12-month period. Each year of support (i.e., the initial award, and possible second and third year supplements) includes a $35K allowance usable toward a salary/stipend for the student and related costs, and up to $15K to cover the student’s tuition and fees, research expenses, and related costs.

Graduate Research Fellowship Program in the Social and Behavioral Sciences

Department of Justice


Contact: GRF@usdoj.gov

Solicitation number: NIJ-2016-4321

This program is open to doctoral students in all social and behavioral science disciplines. It provides awards to accredited academic institutions to support graduate research leading to doctoral degrees in areas that are relevant to ensuring public safety, preventing and controlling crime, and ensuring the fair and impartial administration of criminal justice in the United States. NIJ invests in doctoral education by supporting universities that sponsor students who demonstrate the potential to successfully complete doctoral degree programs in disciplines relevant to the mission of NIJ and who are in the final stages of graduate study. Applicants sponsoring doctoral students are eligible to apply only if: 1) The doctoral student’s degree program is in a social and behavioral science discipline; and 2) The student’s proposed dissertation research has direct implications for criminal justice policy and practice in the United States. NIJ estimates that it will make multiple awards of up to $32K. Additional funds will not be provided.

DOI Small Grants Program

Department of the Interior


Contact: Rodecia Mcknight, 703/358-2266, rodecia_mcknight@fws.gov

Solicitation number:

The North American Wetlands Conservation Council created the Small Grants Program in 1996 to encourage new grantees and partners to carry out smaller-scale, long-term wetlands conservation projects that may otherwise not be able to compete in the U.S. Standard Grants Program. The program is a competitive, matching grants program that supports public-private partnerships carrying out projects in the United States that further the goals of the North American Wetlands Conservation Act. These projects must involve long-term protection, restoration, and/or enhancement of wetlands and associated uplands habitats for the benefit of all wetlands-associated migratory birds. Grant requests may not exceed $75K, and funding priority is given to grantees or partners new to the Act’s Grants Program.

National Aeronautics and Space Administration (NASA)
Nancy Grace Roman Technology Fellowships in Astrophysics for Early Career Researchers

National Aeronautics and Space Administration


Contact: Max Bernstein, 202/358-0879, sara@nasa.gov

Solicitation number: NNH15ZDA001N-RTF

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

National Endowment for the Arts (NEA)

10/20/2015 Application

Research Art Works

National Endowment for the Arts

http://arts.gov/grants-organizations/research-art-works

Contact: nearesearchgrants@arts.gov

Solicitation number:

The NEA will make awards to support research that investigates the value and/or impact of the arts, either as individual components within the U.S. arts ecology or as they interact with each other and/or with other domains of American life. The agency has determined that all grants awarded under this category will have the following for their primary outcome: Evidence of the value and/or impact of the arts is expanded and promoted. The Arts Endowment anticipates awarding up to 20 grants, based on the availability of funding. Grants generally will range from $10K to $30K and cover a period of two years.

National Endowment for the Humanities (NEH)

12/9/2015 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; and 3) archaeological projects that include the interpretation and dissemination of results (projects may encompass excavation, materials analysis, laboratory work, field reports, and preparation of interpretive monographs). Awards are made for one to three years and normally range from an average of $25K to $100K per year.

National Institutes of Health (NIH)

10/20/2015 Application

Identification of Genetic and Genomic Variants by Next-Gen in Sequencing Non-human Animal Models (U01)

National Institutes of Health


Contact: Da-Yu Wu, 301/435-4649, wudy@nida.nih.gov

Solicitation number: PAR-15-120

The goals of this initiative are to identify gene variants of traits associated with addiction and substance abuse in selectively bred, and outbred non-human animal models using methodologies of Next Gen-Sequencing, mapping, and genotyping. The maximum project period is five years.
Claude D. Pepper Older Americans Independence Centers (P30) - Limited Submission

National Institutes of Health


Contact: Basil Eldadah, 301/496-6761, eldadahb@mail.nih.gov

Solicitation number: RFAG-AG-16-011

This FOA supports applications for Claude D. Pepper Older Americans Independence Centers (OAICs), centers of excellence in geriatrics research and research education. The OAIC awards are designed to develop or strengthen awardee institutions' programs that focus and sustain progress on a key area in aging research. Application budgets are limited to $800K in annual direct costs. The maximum project period is 5 years.

Collaborative Projects to Accelerate Research in Organ Fibrosis (R01)

National Institutes of Health


Contact: Bishow B. Adhikari, 301/435-0504, adhikarb@mail.nih.gov

Solicitation number: RFAG-HL-16-003

This FOA invites Research Project Grant (R01) applications from collaborating investigators to characterize and compare mechanisms of aberrant fibrogenesis and/or fibrosis resolution in different organ systems; develop novel therapeutic strategies aimed to lessen organ fibrosis; or develop novel technologies to study fibrosis. Application budgets may not exceed $350K in direct costs per year.

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

National Institutes of Health


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

Solicitation number: RFAG-MH-15-600

This award is intended to support the research and research career development of outstanding, exceptionally productive scientists who are in the early, formative stages of their careers and who plan to make a long term career commitment to research in specific mission areas of the NIMH. This award seeks to assist these individuals in launching an innovative clinical, translational, basic or services research program that holds the potential to profoundly transform the understanding, diagnosis, treatment, or prevention of mental disorders. The maximum award is $1.625M for up to five years.

Novel Nucleic Acid Sequencing Technology Development (R01)

National Institutes of Health


Contact: Michael Smith, 301/402-1114, smithmw@mail.nih.gov

Solicitation number: RFAG-HG-15-032

This FOA solicits R01 grant applications to develop novel technologies that will enable new approaches to DNA and direct RNA sequencing. Applicants may propose to develop novel complete sequencing systems, investigate challenges underlying key novel system components, or propose improvements of at least an order of magnitude improvement to existing systems. Exploration of methods other than those currently in use is highly encouraged. High-risk/high-payoff applications are appropriate to achieve the goals of this FOA. An applicant may request direct costs of up to $700K per year. 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.

NINDS Institutional Center Core Grants to Support Neuroscience Research (P30) - Limited Submission

National Institutes of Health


Contact:  Randall Stewart, 301-496-1917, stewartr@mail.nih.gov

Solicitation number:  RFA-NS-16-004

This Funding Opportunity Announcement (FOA) invites applications for Center Core Grants that provide resources and facilities shared by a minimum of six NINDS-supported investigators, and supporting a wider base of neuroscience research. The proposed Centers should offer services and expertise that would be difficult or impractical to support in individual labs. The Centers are expected to capitalize on economies and synergies associated with shared resources, and to foster a collaborative environment among neuroscientists at host institutions.

NIDCD Small Grant Program (R03)

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


Contact: Varies with research interest

Solicitation number:  PAR-13-057

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

Oral Immune System Plasticity in Chronic HIV Infection Under Treatment and Oral Co-Infections (R01)

National Institutes of Health


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

Solicitation number:  RFA-DE-16-002

This FOA solicits research projects that study the mechanisms of oral immune system plasticity relevant to chronic HIV infection and oral coinfections. In this context, we encourage studies on reversal of immune activation, residual inflammation, immune reconstitution inflammatory syndrome (IRIS), and microbial and by-product translocation. These conditions occur in persons chronically infected with HIV who are treated with combination antiretroviral therapy (cART) and who also experience oral opportunistic infections. The ultimate goals of this FOA are: 1) to gain knowledge regarding the pathogenesis and persistence of these oral conditions; and 2) to guide the development of novel oral immune modulatory therapies that will aid in re-building the oral immune system to reverse these diseases, mitigate their progression, prevent their occurrence, and eliminate persistence of residual HIV and other oral pathogens in reservoirs. The maximum project period is five years.
Comprehensive Evaluation of Interactions between Engineered Nanomaterials and Biological System (U01) - Limit

This Funding Opportunity Announcement (FOA) seeks applications for research projects as part of NHIR. These research projects will investigate interactions between ENMs and biological systems to generate comprehensive biological response profiles for ENMs that will be provided by Engineered nanomaterials Resource and Coordination Core (ERCC) being solicited through a companion FOA (RFA-ES-15-012). This consortium will generate biological response profiles for a select set of ENMs representing the landscape of nanotechnology applications. The research projects to be funded through this FOA will contribute to long range goals of the NIEHS Nano EHS program, i.e., to derive detailed molecular, biochemical and pathophysiological characterization of ENMs-biological interactions as influenced by physicochemical properties of ENMs. The investigators of the U01 projects as part of the NHIR consortium will carry out investigations on a common set of ENMs, and participate in annual meetings of the consortium coordinated by ERCC. Budgets are limited to $300K direct costs.

Clinical Observational (CO) Studies in Musculoskeletal, Rheumatic, and Skin Diseases (R01)

This FOA is to encourage Research Project Grant (R01) applications to pursue clinical observational (CO) studies to obtain data necessary for designing clinical trials for musculoskeletal, rheumatic, or skin diseases or conditions. Research data from observational cohort studies can enhance clinical trial design by providing essential information about disease symptoms, stages and timing of disease progression, comorbid conditions, availability of potential clinical trial participants, and outcomes that are important to patients. CO studies also can facilitate efforts to develop and/or validate objective biomarkers or subjective outcome measures for use in a future trial or trials. Applicants to this FOA are encouraged to propose studies that address significant obstacles or questions in the design of a clinical trial, such as determining the appropriate primary or secondary outcome measures, or identifying the stages of disease during which patients are most likely to respond to an intervention. Only observational studies will be supported through this FOA. The maximum award is $450K over a three-year period. This FOA runs in parallel with multiple FOAs of identical scientific scope, PAR-14-192, PAR-14-199, and PAR-14-200, which utilize the R21 Exploratory Clinical Trials Research Grant, the U34 Planning Cooperative Agreement, and the U01 Research Project – Cooperative Agreements respectively.

Pragmatic Research in Healthcare Settings to Improve Diabetes and Obesity Prevention and Care (R18)

The purpose of this Research Demonstration and Dissemination Projects (R18) FOA is to encourage research applications to test approaches to improve diabetes and obesity prevention and/or treatment in routine healthcare settings. Research applications should be designed to test practical and potentially sustainable strategies to improve processes of care and health outcomes for individuals who are overweight or obese or at risk for becoming overweight or obese and/or at risk for or have type 1 or type 2 diabetes. The goal of the research is to obtain results that will improve routine healthcare practice and inform healthcare policy for the prevention or management of these conditions. The maximum project period is five years.
Role of the Microflora in the Etiology of Gastro-Intestinal Cancer (R01)

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


Contact: Varies with research interest

Solicitation number: PAR-14-140

This FOA encourages innovative multidisciplinary research projects that will advance our mechanistic understanding of microflora influences on Gastro-Intestinal (GI) carcinogenesis. This FOA seeks applications that leverage and integrate information from large, meta-omic data sets to guide studies that identify critical microbial activities that can be mechanistically linked to GI carcinogenesis. Applicants are encouraged to take advantage of existing methodologies and technologies developed by the microbiome and integrative cancer biology communities as well as other relevant technology sources, and to apply existing or new sophisticated data analysis, integration, and modeling methodologies to inform and guide hypothesis driven mechanistic studies on the role of the GI microflora during carcinogenesis. The common goal of the projects should be to understand how the resident microbes interact with the host and the host environment to prevent or enhance carcinogenesis in the GI tract. The maximum project period is five years.

Short-term Measurements of Improved Physical and Molecular Resilience in Pre-clinical Models (R01)

National Institutes of Health


Contact: Felipe Sierra, 301/451-4515, sierraf@nia.nih.gov

Solicitation number: RFA-AG-16-006

This FOA invites applications to develop short-term surrogate tests that provide a comprehensive measure of resilience in animal models of aging. Applicants may also include aims to assess resilience in humans to identical or analogous stressors to those proposed for their animal model studies. Resilience is defined here as the ability of an organism to adequately respond to physical or molecular challenges or stresses. Greater resilience has been hypothesized to correlate with longevity and better healthspan, but appropriate methodology to test this in animal models is currently lacking. The purpose of this FOA is to develop tests that can be used to measure resilience to physical or molecular stresses, but does not include psychological or social stressors. The outcomes should lead to short-term tests of resilience that are predictive of subsequent health. In the context of animal studies, this predictability should be tested against manipulations known to increase lifespan and healthspan. The award maximum is $250K per year over five years.

Improving Health and Reducing Cardiometabolic Risk in Youth with Serious Emotional Disturbance and Young Adu

National Institutes of Health


Contact: Susan Azrin, 301/443-3267, azrinst@mail.nih.gov

Solicitation number: RFA-MH-16-600

This FOA aims to support research grants focused on rigorous effectiveness testing of innovative services interventions that demonstrably reduce the prevalence and magnitude of common health risk factors related to shortened lifespan in youth with serious emotional disturbance (SED) and young adults with severe mental illness. These risk factors include, but are not limited to, smoking, obesity, hypertension, dyslipidemia, low physical activity, substance use, poor fitness and diet. This FOA aims to generate the service delivery knowledge necessary to achieve 100% screening of this population for common, cardiometabolic risks and 100% referral to appropriate care to manage the identified risks. This FOA aims to support population-based approaches to prevention, identification and intervention, i.e., targeting cardiometabolic risk in entire populations of youth with SED and/or young adults with SMI within a given community or healthcare setting. Application budgets are not limited but need to reflect the actual needs of the proposed project.
BRAIN Initiative: Short Courses in Computational Neuroscience (R25)

National Institutes of Health


Contact: Erica Rosemond, 301/443-3107, Erica.Rosemond@nih.gov

Solicitation number: RFA-MH-16-700

The over-arching goal of this 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. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Courses for Skills Development. This FOA will support short courses to facilitate the development of a sophisticated cadre of investigators with the requisite knowledge and skills in computational neuroscience perspectives and techniques for analyzing and interpreting complex, high-dimensional neuroscience data to advance the BRAIN Initiative. For the purposes of this FOA, computational neuroscience encompasses theoretical neuroscience, computational and mathematical modeling of neural systems, and/or statistical perspectives and techniques. Each short course is expected to include both didactics and in-person/hands-on experiences. This FOA is intended for participants who are graduate students, medical students, postdoctoral scholars, medical residents, and/or early-career faculty. Application budgets are limited to $200K in direct costs annually over a maximum period of 3 years.

U.S.-India Collaborative Vision Research Program (R01)

National Institutes of Health


Contact: Lisa Neuhold, 301/451-2020, lneuhold@mail.nih.gov

Solicitation number: PAR-15-320

This FOA encourages applications from U.S.-based institutions with an Indian institution partner to establish bilateral collaborations that will advance science and technology important to understanding, preventing, and treating blinding eye diseases, visual disorders, and their complications. The program is designed to develop collaborations between scientists and institutions in the United States and India to conduct high quality vision research of mutual interest and benefit to both countries while developing the basis for future institutional and individual scientific collaborations. Application budgets are limited to $250K annual direct cost over a period of three years, but need to reflect the actual needs of the proposed project.

NCI Exploratory Developmental Research Grant Program (NCI Omnibus R21)

National Institutes of Health


Contact: varies with research interest

Solicitation number: PAR-15-340

The purpose of this FOA is to promote the early and conceptual stages of research efforts on novel scientific ideas that have the potential to substantially advance cancer research in all areas relevant to the mission of the NCI. By using the R21 mechanism, this FOA will support exploratory/developmental projects. These studies may involve considerable risk but may lead to a breakthrough in a particular area, and/or to the development of novel techniques, agents, methodologies, models, or applications that could have a major impact on a field of cancer research (biomedical, behavioral, or clinical). The combined budget for direct costs for the 2-year project period may not exceed $275K. No more than $200K may be requested in any single year. This FOA runs in parallel with a FOA of identical scope, PAR-14-007, that utilizes the R03 Small Grant Program 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: Richard Mazurchuk, 240/276-7126, richard.mazurchuk@nih.gov

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.

NIMHD Transdisciplinary Collaborative Centers for Health Disparities Research on Chronic Disease Prevention (U54)

National Institutes of Health


Contact:

Solicitation number: RFA-MD-15-014

This Funding Opportunity Announcement (FOA) invites applications to establish specialized Transdisciplinary Collaborative Centers (TCCs) for health disparities research focused on chronic disease prevention, with an emphasis on developing, implementing and disseminating community-based multilevel interventions. Application budgets are limited to $1.5M in direct costs annually.

Collaborative Interdisciplinary Team Science in NIDDK Research Areas (R24)

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


Contact: Corinne Silva, 301/451-7335, silvacm@mail.nih.gov

Solicitation number: PAR-13-305

These awards will foster the application of interdisciplinary, integrative and/or paradigm-shifting approaches to address complex challenges in biomedical research. This grant is designed to apply the flexibility of the Research Resource Project Grant mechanism (R24) to accommodate many forms of approaches including discovery-based or resource-generating and hypothesis-driven or hypothesis-generating science. Application budgets are not limited over a maximum five-year project period.
**Interdisciplinary Training in Bioinformatics and Diabetes, Obesity and Metabolic Disease (T32)**

**National Institutes of Health**


Contact: Arthur Castle, 301/594-7719, castlea@mail.nih.gov

Solicitation number: PAR-15-182

The purpose of this Funding Opportunity Announcement (FOA) is to promote the development of an interdisciplinary workforce for conducting bioinformatics research in diabetes, obesity and related metabolic diseases that are relevant to the research mission of NIDDK. This FOA will support institutional training programs for predoctoral and postdoctoral level researchers with backgrounds in bioinformatics, mathematics and/or computational sciences with mentors from both computational and biological backgrounds.

In order to advance bioinformatics science and encourage its application to these diseases and disorders, NIDDK invites applications for implementing novel institutional training and education programs. These programs should focus on interdisciplinary approaches and mentorship between mathematics and computer science and medicine and diabetes, obesity and related metabolic diseases. These programs will support a variety of new and innovative didactic and research activities designed to provide trainees with the necessary knowledge and research experience to apply bioinformatics skills to the prevention, treatment or cure of diabetes, obesity and related disorders. It is expected that these interdisciplinary training programs would involve multiple departments including bioinformatics and the biological, medical, computational, engineering, and mathematical sciences. Trainees in these programs should be mentored by two or more faculty mentors, one from computational and the other from biology or medical sciences of diabetes, obesity and metabolism, and, ideally, spend time in both mentors’ laboratories. Applicants are encouraged to build these new training/education programs around existing institutional research programs in diabetes, obesity and related metabolic diseases that are relevant to the research mission of NIDDK and the computational sciences, whether formal (e.g., research programs supported by program project, center, or cooperative agreement mechanisms) or informal (e.g., networks of collaborating R01 grantees).

Application budgets are not limited, but need to reflect the actual needs of the proposed project. The maximum project period is 5 years.

**Biomedical and Behavioral Research Innovations to Ensure Equity (BRITE) in Maternal and Child Health (R15)**

**National Institutes of Health**


Contact: Reiko Toyama, 301/435-2723, toyamar@mail.nih.gov

Solicitation number: PAR-15-319

The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) seeks to increase the diversity of the pool of researchers involved in health equity research related to NICHD mission areas including: preterm birth; infant mortality; sudden infant death syndrome (SIDS); maternal mortality; reproductive health; uterine fibroid tumors; childhood, adolescent, and/or adult obesity; violence prevention; perinatal HBV and HIV/AIDS prevention; HIV/AIDS prevention; asthma; intellectual and developmental disabilities; pediatric injury prevention; and medical rehabilitation. The goal of the Biomedical and Behavioral Research Innovations To Ensure Equity (BRITE) in maternal and child health program is to stimulate maternal and child health equity research. Applicants may request a maximum of $300K direct costs plus applicable Facilities & Administrative (F&A) costs/indirect costs for the entire project period of up to three years. No more than $150K may be spent in any single year without prior approval from NICHD.
Chemistry, Toxicology, and Addiction Research on Waterpipe Tobacco (R01)

National Institutes of Health


Contact: Rachel Grana, 240/276-5899, granar@mail.nih.gov

Solicitation number: RFA-OD-15-005

This FOA encourages biomedical, behavioral, and social science research that informs the development and evaluation of regulations on waterpipe (or hookah) tobacco products. Research projects must address research priorities related to the regulatory authority of the FDA, CTP as mandated by the FSPTCA, Public Law 111-31. The research findings generated from this FOA are expected to provide scientific underpinnings to inform the regulation of the manufacture, distribution, and marketing of waterpipes to protect public health. Application budgets are not to exceed $300K in direct costs per year and the maximum project period is three years.

BRAIN Initiative: Technology Sharing and Propagation (R03)

National Institutes of Health


Contact: Fred Friedman, 301/443-4058, ffriedma@mail.nih.gov

Solicitation number: RFA-MH-16-725

The purpose of this Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative FOA is to encourage the transfer of new technologies and new data analysis techniques into a research laboratory. One of the key goals of the BRAIN Initiative is to develop new technologies to improve our understanding of the brain. In order for those technologies to be useful, they need to be broadly disseminated beyond the laboratory or company where they originated. This FOA promotes this goal by providing funds to enable the incorporation of new technologies or data analysis techniques into research programs that further the aims of the BRAIN initiative. Total direct costs may not exceed $100K. The maximum project period is one year.

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

National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), Nation
Contact: Varies with research interest
Solicitation number: PAR-15-346
This FOA establishes an accelerated review/award process to support time-sensitive research to evaluate a new policy or program expected to influence obesity related behaviors (e.g., dietary intake, physical activity, or sedentary behavior) and/or weight outcomes in an effort to prevent or reduce obesity. This FOA is intended to support research where opportunities for empirical study are, by their very nature, only available through expedited review and funding. All applications to this FOA must demonstrate that the evaluation of an obesity related policy and/or program offers an uncommon and scientifically compelling research opportunity that will only be available if the research is initiated with minimum delay. The maximum project period is five years.

Health Disparities and Alzheimer's Disease (R01)

National Institutes of Health
Contact: Cerise Elliott, 301/496-9350, elliottce@mail.nih.gov
Solicitation number: PAR-15-349
This FOA invites applications proposing to study health disparities in Alzheimer’s disease (AD) and related disorders. Health-disparities research related to AD should include the study of biological, behavioral, sociocultural, and environmental factors that influence population level health differences. Research approaches of interest include 1) improving recruitment and retention of populations underrepresented in AD research, 2) identifying priority factors or locating pathways and mechanisms that create and sustain AD health disparities, 3) addressing the challenges faced by informal/family caregivers from diverse racial, ethnic and socioeconomic backgrounds that are associated with the growing population of individuals with Alzheimer’s Disease, and 4) understanding the disparities in access to and utilization of formal long-term supports and services for those with dementia. NIH intends to fund an estimate of 10 - 12 awards, corresponding to a total of $10 million for fiscal year 2016. Future year amounts will depend on annual appropriations.

Aging Research on Stress and Resilience to Address Health Disparities in the United States (R01)

National Institutes of Health
Contact: Lyndon Joseph, 301/496-6761, josephlj@mail.nih.gov
Solicitation number: RFA-AG-16-022
The purpose of this FOA is to stimulate interdisciplinary health-disparities research related to aging that considers the role that stress, stress response, and stress resilience play in differential health outcomes in priority health disparity populations in the U.S. In particular, this FOA seeks applications proposing to clarify pathways linking stress and aging-relevant health outcomes (e.g. mortality, cognitive impairment, multiple chronic conditions, disability, quality of life) through the investigation of links between environmental, sociocultural, behavioral, and biological factors. Direct costs should be limited to a maximum of $500K per year.
NEI Audacious Goal Initiative: Discovery-based Science to Identify Factors Influencing Neural Regeneration in the V
National Institutes of Health


Contact: Lisa Neuhold, 301/451-2020, lneuhold@mail.nih.gov

Solicitation number: RFA-EY-15-002

The NEI Audacious Goal Initiative is to restore vision through regeneration of neurons and neural connections in the eye and visual system. Recent advances have identified molecules and signaling pathways that can either promote or inhibit regeneration of neurons in the visual pathway. These advances have led to significant axon growth in mouse optic-nerve crush and other regeneration models. The purpose of this FOA is to invite applications proposing to use discovery-based approaches to identify unknown factors critical to the regeneration of neurons, guiding their axons to targets, and making new functional connections. Future FOAs will focus on understanding the biological mechanisms through which these factors influence regeneration. Application budgets are limited to $500K annual direct costs. The project period is limited to three years.

Phased Innovation Award for Mechanistic Studies to Optimize Mind and Body Interventions in NCCIH High Priority
National Institutes of Health


Contact: Wen Chen, 301/451-3989, chenw@mail.nih.gov

Solicitation number: RFA-AT-16-005

The purpose of this FOA is to encourage the use of a phased research approach to strengthen our understanding and utilization of the underlying mechanisms and processes associated with mind and body interventions. This FOA will support two-phased research applications to (1) uncover the underlying biological, neurological, physiological, and/or behavioral mechanisms or processes relevant to mind and body interventions (e.g. meditation, spinal manipulation, massage, yoga, tai chi, hypnosis, acupuncture) and then, (2) to utilize the results from the initial phase to improve, refine, enhance, or strengthen the identified mechanisms or processes through either rigorous validation and refinement of the intervention, or using combined approaches that, together, will modulate the underlying mechanism or process. This second phase should also be able to provide preliminary evidence that the mechanism or process modulated by the intervention is associated with a functional outcome or clinical benefit for a specific condition or disorder. The first phase in the form of an R61 will provide funding for up to two years to support hypothesis-driven pilot testing and assessment of an intervention’s mechanisms of action. The second phase in the form of an R33 will provide up to three years of support for the larger scale validation and/or optimization incorporating the initial findings. Subject to the availability of funds, transition from the R61 to the R33 phase of the award will be administratively reviewed and determined by successful completion of the “Go/No-Go Criteria” that need to be clearly specified in the R61 phase. The R61 phase cannot exceed $275K in direct costs in any given year. If awarded, the R33 phase cannot exceed $500K in direct costs in any given year.

This FOA runs in parallel with a FOA of identical scope, RFA-AT-16-006, that utilizes the R33 Exploratory/Developmental Grants Phase II mechanism.

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-15-079

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.
Educational Programs for Demography & Population Science, Family Planning & Contraception, & Reproductive Research

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


Contact: Regina Bures, 301/496-9485, regina.bures@nih.gov

Solicitation number: PAR-11-292

This FOA encourages Research Education Project (R25) grant applications for educational activities related to Demography and Population Science, Family Planning and Contraception, and Reproductive Research. NICHD encourages applications for educational programs for interdisciplinary approaches, methodology, and the dissemination and use of existing datasets. Although total direct costs are not capped, budget requests of more than $175K per year must be fully justified. The maximum project period is five years.

NICHD Research Short Courses (R25)

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


Contact: Dennis Twombly, 301/451-3371, dtwombly@mail.nih.gov

Solicitation number: PA-12-207

NICHD invites applications for grants to develop and conduct short-term research education programs to improve the knowledge and skills of a broad-based community of biomedical and behavioral researchers conducting research on reproductive, developmental, behavioral, social, and rehabilitative processes that determine the health and well-being of newborns, infants, children, adults, families, and populations. The program should include both didactic and hands-on experiences. If appropriate, the program may include activities to disseminate course materials and instructional experience to the scientific community. Programs focusing on uses of model organisms are encouraged. Direct costs for an application are limited to a maximum of $125K per year for up to five years. Course duration can vary from 1-12 weeks.

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

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.
Tobacco Regulatory Science Small Grant Program for New Investigators (R03)

National Institutes of Health


Contact: Rachel Grana, 240/276-5899, granar@mail.nih.gov

Solicitation number: RFA-OD-15-004

The purpose of this FOA is to support New Investigators in the biomedical, behavioral, and social sciences who are in the early stages of establishing independent careers in tobacco regulatory research. The R03 grant mechanism supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology. Applicants are encouraged to conduct projects that ultimately have potential to inform 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. Application budgets are limited to $75K per year for up to two years in length.

Early-Stage Pharmacological Validation of Novel Targets and Accompanying Pre-Therapeutic Leads for Diseases of I

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


Contact: Aaron Pawlyk, 301/451-7299, pawlykac@mail.nih.gov

Solicitation number: PAR-13-007

The overarching goal of this FOA is to promote translation of basic science research into knowledge and tools that can be utilized to provide strong justification for later-phase drug discovery and development efforts in areas relevant to the National Institute of Diabetes and Digestive and Kidney Diseases. This includes obesity, diabetes and related aspects of endocrinology and metabolism, digestive diseases, liver diseases, nutrition, kidney and urological diseases, hematology, and specific aspects of cystic fibrosis. Its objective is to stimulate research and technology development to promote the early-stage pharmacological validation of drug targets and accompanying small molecule chemical scaffolds or non-viral biologics that are not currently a focus within the biotechnology and pharmaceutical industries. It is expected that there is significant novelty in either the target, chemical scaffold, or non-viral biologic itself, or in the approaches used to pursue further target validation. It is not intended to support research focused on understanding normal biology, disease processes, or generating lists of putative new targets. At the end of the project period, a successful project will have provided a significant contribution to the data supporting the validity of modulating a target’s activity for safe, efficacious treatment of a disease using a small molecule or non-viral biologic approach. Applications are limited to $500K in direct costs and the budget must reflect the scope of the proposed project. The maximum project period is 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.

Hydrologic Sciences

National Science Foundation, Geosciences (GEO)


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

Solicitation number: NSF 15-558

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.
Ongoing

Geobiology and Low-Temperature Geochemistry
National Science Foundation, Geosciences (GEO)
Contact: Enriqueta Barrera, 703/292-7780, ebarrera@nsf.gov
Solicitation number: NSF 15-559
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.

Sedimentary Geology and Paleobiology (SGP)
National Science Foundation, Geosciences (GEO)
Contact: Harold Lane, 703/292-4730, hlane@nsf.gov
Solicitation number: NSF 15-561
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 $5.5M annually for Track 1 and $4M biannually for Track 2.

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.
**Geomorphology and Land Use Dynamics**

National Science Foundation, Geosciences (GEO)


Contact: Richard Yuretich, 703/292-8548, ryuretic@nsf.gov

Solicitation number: NSF 15-560

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.

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

National Science Foundation


Contact: Vasant Honavar, vhanavar@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.

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

National Science Foundation


Contact: David Lambert, 703/292-8558, dlambert@nsf.gov

Solicitation number: NSF 15-516

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 (see [http://www.nsf.gov/div/index.jsp?div=EAR](http://www.nsf.gov/div/index.jsp?div=EAR)). EAR/IF will consider proposals for: 1) Acquisition or Upgrade of Research Equipment, 2) Development of New Instrumentation, Techniques or Software, 3) Support of National or Regional Multi-User Facilities or 4) Support for Early Career Investigators.

**Archaeology Program - Doctoral Dissertation Research Improvement Awards**

National Science Foundation


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

Solicitation number: NSF 15-554

The Archaeology Program supports anthropologically relevant archaeological research. This means that the value of the proposed research can be justified within an anthropological context. The Program sets no priorities by either geographic region or time period. It also has no priorities in regard to theoretical orientation or question and it is the responsibility of the applicant to explain convincingly why these are significant and have the potential to contribute to anthropological knowledge. While the Program, in order to encourage innovative research, neither limits nor defines specific categories of research type, most applications either request funds for field research and/or the analysis of archaeological material through multiple approaches. The Program also supports methodological projects which develop analytic techniques of potential archaeological value. Doctoral Dissertation Research Improvement (DDRI) awards may not exceed $20K over the duration of the three-year project period.
**Major Research Instrumentation Program FY16 (MRI) - Limited Submission**

National Science Foundation


Contact: Randy Phelps, 703/292-8040, mri@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.

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

National Science Foundation


Contact: Sara B. Nerlove, 703-292-7077, snerlove@nsf.gov

Solicitation number: NSF 15-610

This program supports academe-industry partnerships which are led by an interdisciplinary academic research team collaborating with at least one industry partner. In this program, there is a heavy emphasis on the quality, composition, and participation of the partners, including the appropriate contributions for each role. These partnerships focus on the integration of technologies into a specified human-centered service system with the potential to achieve transformational change, satisfying a real need by making an existing service system smart(er) or by spurring the creation of an entirely new smart service system. The selected service system should function as a test bed. Awards may be up to $1M with an award duration of three (3) years.
SBE Postdoctoral Research Fellowships (SPRF)
National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)
Contact: Fahmida Chowdhury, 703/292-4672, fchowdhu@nsf.gov
Solicitation number: NSF 14-595
SBE offers Postdoctoral Research Fellowships in two tracks: 1) Broadening Participation (SPRF-BP) which aims to increase the diversity of researchers who participate in NSF programs in the social, behavioral and economic sciences and thereby increase the participation of scientists from under-represented groups in selected areas of science in the United States; and 2) Interdisciplinary Research in Behavioral and Social Sciences (SPRF-IBSS), which aims to support interdisciplinary training where at least one of the disciplinary components is an SBE science. Salary plus fringe benefits (per institutional rates) are not to exceed $62K per year for a maximum of two years. Research and travel expenses may run up to $10K per year.

Graduate Research Fellowship Program (GRFP)
National Science Foundation, Cross-Directorate
Contact: Gisele Muller-Parker, 866/673-4737, info@nsfgrfp.org
Solicitation number: NSF 15-597
This program seeks to help ensure the vitality and diversity of the scientific and engineering workforce in the United States. The program also recognizes and supports outstanding graduate students who are pursuing research-based master's and doctoral degrees in fields within NSF’s mission. The GRFP provides three years of support during a five-year fellowship period for the graduate education of individuals who have demonstrated their potential for significant achievements in STEM and STEM education. For each year of support, NSF provides a stipend of $34K to each Fellow and a cost-of-education allowance of $12K to the degree-granting institution.

Division of Physics: Investigator-Initiated Research Project (PHY)
National Science Foundation
Contact: Varies with research interest
Solicitation number: NSF 15-579
This program supports physics research and education in the nation’s colleges and universities across a broad range of physics disciplines that span scales of space and time from the largest to the smallest and the oldest to the youngest. The program is comprised of disciplinary programs covering experimental and theoretical research in the following major subfields of physics: Accelerator Science; Atomic, Molecular, Optical and Plasma Physics; Computational Physics; Elementary Particle Physics; Gravitational Physics; Integrative Activities in Physics; Nuclear Physics; Particle Astrophysics; Physics of Living Systems; Plasma Physics (supported under a separate solicitation); and Quantum Information Science. Estimated program budget is $90M and estimated number of awards is 300. See solicitation for full listing of deadlines for other areas of research.
Partnerships for Innovation: Building Innovation Capacity (PFI:BIC) 2015 - Limited Submission

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.

Collaborative Research in Computational Neuroscience (CRCNS)

Through the CRCNS program, the NSF and its affiliates support collaborative activities that will advance the understanding of nervous system structure and function, mechanisms underlying nervous system disorders, and computational strategies used by the nervous system. Two classes of proposals will be considered in response to this solicitation: 1) Research Proposals describing collaborative research projects; and 2) Data Sharing Proposals to enable sharing of data and other resources. Proposals selected for funding must be responsive to the mission of a participating funding organization. Award sizes are expected to range from approximately $100K to $250K per year in direct costs with durations of three to five years. Awards for Data Sharing Projects will be scaled according to the needs of the project; typically they will be smaller in size than research awards.

Improving Undergraduate STEM Education (IUSE: EHR)

This program invites proposals that address immediate challenges and opportunities that are facing undergraduate STEM education, as well as those that anticipate new structures (e.g. organizational changes, new methods for certification or credentialing, course re-conception, cyberlearning, etc.) and new functions of the undergraduate learning and teaching enterprise. The program features two tracks: 1) Engaged Student Learning and 2) Institutional and Community Transformation. Two tiers of projects exist within each track: i) Exploration and Design and ii) Development and Implementation. These tracks will entertain research studies in all areas. In addition, IUSE also offers support for a variety of focused innovative projects that seek to identify future opportunities and challenges facing the undergraduate STEM education enterprise. The maximum award is varies with each track.
Postdoctoral Research Fellowships in Biology (PRFB)

National Science Foundation


Contact: Sophie George, 703/292-8470, bio_dbf_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.

Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR)

National Science Foundation


Contact: Myles Boylan, 703/292-4617, mboylan@nsf.gov

Solicitation number: NSF 15-585

This program invites proposals that address immediate challenges and opportunities that are facing undergraduate STEM education, as well as those that anticipate new structures (e.g. organizational changes, new methods for certification or credentialing, course re-conception, cyberlearning, etc.) and new functions of the undergraduate learning and teaching enterprise. This program recognizes and respects the variety of discipline-specific challenges and opportunities facing STEM faculty as they strive to incorporate results from educational research into classroom practice and work with education research colleagues and social science learning scholars to advance our understanding of effective teaching and learning. The program features two tracks: (1) Engaged Student Learning and (2) Institutional and Community Transformation. Two tiers of projects exist within each track: (i) Exploration and Design and (ii) Development and Implementation. The estimated award amounts for each track are as follows: Engaged Student Learning: Exploration and Design - up to $300K; Engaged Student Learning: Development and Implementation, Level I - up to $600K; Engaged Student Learning: Development and Implementation, Level II - from $601K up to $2M; Institutional and Community Transformation: Exploration and Design - up to $300K; Institutional and Community Transformation: Development and Implementation - up to $3M. See solicitation for full list of proposal deadlines for other areas of research.

This FOA is offered in alignment with the NSF-wide undergraduate STEM education initiative, Improving Undergraduate STEM Education (NSF-IUSE).

Advancing Informal STEM Learning (AISL)

National Science Foundation, Education and Human Resources (EHR)


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

Solicitation number: NSF 15-593

The Advancing Informal STEM Learning (AISL) program seeks to advance new approaches to and evidence-based understanding of the design and development of STEM learning in informal environments; provide multiple pathways for broadening access to and engagement in STEM learning experiences; advance innovative research on and assessment of STEM learning in informal environments; and develop understandings of deeper learning by participants. The AISL program supports seven types of projects: (1) Exploratory Pathways, (2) Research in Service to Practice, (3) Innovations in Development, (4) Broad Implementation, (5) Conferences, (6) an Informal STEM Learning Resource Center (FY 2016 only), and (7) Collaborative Planning. Funding varies for these categories (see full FOA for details).
Computing and Communication Foundations (CCF): Core Programs

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


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

Solicitation number: NSF 15-573

This FOA supports transformative research and education projects that explore the foundations of computing and communication in three core programs: 1) The Algorithmic Foundations (AF) program; 2) The Communications and Information Foundations (CIF) program; and 3) The Software and Hardware Foundations (SHF) program. The AF supports potentially transformative research and education projects advancing design and analysis of algorithms and characterized by algorithmic thinking accompanied by rigorous analysis and to obtain efficient solutions within those limits. The CIF program supports research that addresses the theoretical underpinnings and current and future enabling technologies for information acquisition, transmission, and processing in communications and information processing systems, and the SHF program supports research and education projects on the design, verification, operation, utilization, and evaluation of computer hardware and software through novel approaches, robust theories, high-leverage tools, and lasting principles. Proposers are invited to submit proposals in three project classes, which are defined as follows: 1) Small Projects - up to $500K total budget with durations up to three years; 2) Medium Projects - $500K to $1.2M total budget with durations up to four years; and 3) Large Projects - $1.2M to $3M total budget with durations up to five years.

Information and Intelligent Systems (IIS): Core Programs

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


Contact: Varies with research interest

Solicitation number: NSF 15-574

This FOA supports research and education projects that develop new knowledge in three core programs: 1) The Cyber-Human Systems (CHS) program; 2) The Information Integration and Informatics (III) program; and 3) The Robust Intelligence (RI) program. CHS research applies knowledge of computing and communications together with theoretical and practical understanding of behavioral, social and design sciences to better develop diverse kinds of systems. The III program supports research to realize the full transformative potential of data, information and knowledge in this increasingly digital and interconnected world. The RI program advances and integrates the research traditions of artificial intelligence, computer vision, human language research, robotics, machine learning, computational neuroscience, cognitive science, and related areas. Proposers are invited to submit proposals in three project classes, which are defined as follows: 1) Small Projects - up to $500K total budget with durations up to three years; 2) Medium Projects - $500K to $1.2M total budget with durations up to four years; and 3) Large Projects - $1.2M to $3M total budget with durations 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 15-572

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 $500K total budget with durations up to three years; 2) Medium Projects - $500K to $1.2M total budget with durations up to four years; and 3) Large Projects - $1.2M to $3M total budget with durations up to five years.
Louis Stokes Alliances for Minority Participation (LSAMP)

National Science Foundation


Contact: 703/292-8640, LSAMP_national@nsf.gov

Solicitation number: NSF 15-594

The program assists universities and colleges in their efforts to significantly increase the numbers of students matriculating into and successfully completing high quality degree programs in science, technology, engineering and mathematics (STEM) disciplines in order to diversify the STEM workforce. There are four alliance award types: (1) Alliances (Multi-institutional Partnerships), (2) Bridge to the Baccalaureate (B2B) Alliances (Alliances with a community college as lead institution), (3) Bridge to the Doctorate (BD), (4) Pre-Alliance Planning Grants. Award sizes and durations vary for the different LSAMP award type.

Natural Hazards Engineering Research Infrastructure (NHERI) - Limited Submission

National Science Foundation


Contact: Joy M. Pauschke, 703/292-7024, jpauschk@nsf.gov

Solicitation number: NSF 15-598

The planned outcome of this solicitation is to establish the final three awards for the NSF-supported Natural Hazards Engineering Research Infrastructure (NHERI) - Network Coordination Office (NCO), Computational Modeling and Simulation Center (SimCenter), and Post-Disaster, Rapid Response Research (RAPID) Facility. Under this solicitation, one cooperative agreement for the NCO, one cooperative agreement for the SimCenter, and one cooperative agreement for the RAPID Facility are anticipated to commence in early calendar 2016, with a five-year award duration. These three Awardees will not conduct research. The primary research enabled by NHERI will be conducted by investigators supported through separate NSF awards. The NCO, SimCenter, and RAPID Facility Awardees, along with the other NHERI Awardees and the natural hazards engineering community, will work together, through Governance and Awardee activities, to establish a shared vision for NHERI, set natural hazards engineering research and education agendas and priorities, and make NHERI a value-added and productive research infrastructure. The anticipated funding amount of $19.1M is the estimated total for up to five years for up to three awards.

CISE Computing Research Infrastructure (CRI)

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


Contact: Harriet G. Taylor, 703/292-8950, htaylor@nsf.gov

Solicitation number: NSF 15-590

CRI drives discovery and learning in the computing disciplines by supporting the creation, enhancement, and operation of world-class computing research infrastructure. The CRI program supports two classes of awards. Institutional Infrastructure (II) awards support the creation of new computing research infrastructure or the enhancement of existing computing research infrastructure and will be made in the $200K to $750K range. Community Infrastructure (CI) awards support the planning for computing research infrastructure, the creation of new computing infrastructure, or the enhancement of existing computing research infrastructure and will be made in the $1M to $2.5M range. The majority of the Community Infrastructure Planning (CI-P) awards will be made in the $50K - $100k range.
East Asia and Pacific Summer Institutes for U.S. Graduate Students (EAPSI)

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


Contact: Emig Anne, 703/292-7241, eapsi@nsf.gov

Solicitation number: NSF 13-593

NSF and selected foreign counterpart science and technology agencies sponsor international research institutes for US graduate students in seven East Asia and Pacific locations at times set by the counterpart agencies between June and August each year. These Summer Institutes (EAPSI) operate similarly and the research visits to a particular location take place at the same time. Although applicants apply individually to participate in a Summer Institute, awardees become part of the cohort for each location. Applicants must propose a location, host scientist, and a research project that is appropriate for the host site and duration of the international visit. An EAPSI award provides U.S. graduate students in science, engineering, and education: 1) first-hand research experiences in Australia, China, Japan, Korea, New Zealand, Singapore or Taiwan; 2) an introduction to the science, science policy, and scientific infrastructure of the respective location; and 3) an orientation to the society, culture and language. It is expected that EAPSI awards will help students initiate professional relationships to enable future collaboration with foreign counterparts. The NSF award includes participation in the Pre-Departure Orientation, summer stipend of $5K, and roundtrip airplane ticket to the host location. EAPSI partner agencies pay in-country living expenses during the Summer Institutes.

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

National Science Foundation


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

Solicitation number: NSF 14-561

This FOA supports multifaceted research which advances scientific knowledge of human biology and ecology, including understanding of our evolutionary history and mechanisms which have shaped human and nonhuman primate biological diversity. Supported research focuses on living and fossil forms of both human and nonhuman primates, addressing time scales ranging from the short-term to evolutionary, encompassing multiple levels of organization and analysis (molecular and organismal, to the population and ecosystem scales), and conducted in field, laboratory, and captive research environments. Areas of inquiry which promote understanding of the evolution, biology, and adaptability of our diverse species include, but are not limited to, human genetic and epigenetic variation and relationships to phenotype; human and nonhuman primate ecology, socioecology, functional anatomy and skeletal biology; human and nonhuman primate paleontology; and the anthropological science of forensics. Multidisciplinary research which fully integrates biological anthropology with other anthropological fields, such as bioarchaeological or biocultural research, also receives support through the Program. Proposal budgets cannot exceed $20K in direct costs.
The Principal Investigator(s) must be a department chair/head (or equivalent) to establish institutional accountability. Additionally, there must be a RED team that includes (at a minimum) an expert in engineering education or computer science education research, who can ground the research plan in the literature, and a social science expert who can evaluate department dynamics and monitor change processes. The social scientist must have expertise to advise on strategies for developing a culture of change and on strategies for creating meaningful collective ownership of the effort among faculty, students, and staff.

Prior engineering education research has led to successes in the introductory and capstone years. However, little research has been done to bridge the innovations in introductory- and capstone-level engineering and computer science education across the entire undergraduate experience, including extracurricular professional activities and student transitions in and out of the program. Furthermore, prior research also has revealed the need for faculty development, faculty reward systems, and academic cultures that encourage engagement of faculty and students of diverse backgrounds in the full undergraduate-level formation process.

Thus, the goal of REvolutionizing engineering and computer science 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 professional formation attainment. Specific activities supported by the RED solicitation may include, but are not limited to:

- 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;
- 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;
- Exploring collaborative arrangements with industry and other stakeholders who are mutually interested in developing the best possible professional formation environment and opportunities for students;
- Exploring strategies to bridge the engineering and computer science education research-to-practice gap, primarily through faculty development and adoption of best practices in the professional formation of engineers and computer scientists;
- Devising mechanisms to make change sustainable in the department beyond the award period; and
- 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 and T-shaped skills (i.e., cross-disciplinary breadth), and they should be aligned with stakeholder expectations. Awards will range from $1M - $2M total over a maximum of five years.
**East Asia and Pacific Summer Institutes for U.S. Graduate Students (EAPSI)**

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


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

Solicitation number: NSF 13-593

NSF and selected foreign counterpart science and technology agencies sponsor international research institutes for US graduate students in seven East Asia and Pacific locations at times set by the counterpart agencies between June and August each year. These Summer Institutes (EAPSI) operate similarly and the research visits to a particular location take place at the same time. Although applicants apply individually to participate in a Summer Institute, awardees become part of the cohort for each location. Applicants must propose a location, host scientist, and a research project that is appropriate for the host site and duration of the international visit. An EAPSI award provides U.S. graduate students in science, engineering, and education: 1) first-hand research experiences in Australia, China, Japan, Korea, New Zealand, Singapore or Taiwan; 2) an introduction to the science, science policy, and scientific infrastructure of the respective location; and 3) an orientation to the society, culture and language. It is expected that EAPSI awards will help students initiate professional relationships to enable future collaboration with foreign counterparts. The NSF portion of the EAPSI award consists of several parts: a stipend of $5K, attendance at the pre-departure orientation, and round-trip transportation from the Fellow's home to the host location in the form of a non-refundable airline ticket on a U.S. flag carrier in accordance with GSA requirements and issued by the NSF travel contractor. The foreign counterparts provide in-country room and board and travel for research visits. There will be an anticipated $2.4M to support as many as 205 research grants, pending the availability of funds.

**Petascale Computing Resource Allocations (PRAC)**

National Science Foundation, Office of Cyberinfrastructure


Contact: Rudolf Eigenmann, 703) 292-2598, reigenma@nsf.gov

Solicitation number: NSF 14-518

The purpose of this solicitation is to invite research groups that have a compelling science or engineering challenge that will require petascale computing resources to submit requests for allocations of resources on the Blue Waters system. Proposers must be prepared to demonstrate that they have a science or engineering research problem that requires and can effectively exploit the petascale computing capabilities offered by Blue Waters. Proposals from or including junior researchers are encouraged as one of the goals of this solicitation is to build a community capable of using petascale computing. The maximum award is $40K.

**Innovative Technology Experiences for Students and Teachers (ITEST)**

National Science Foundation, Education and Human Resources (EHR)


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

Solicitation number: NSF 15-599

The ITEST program supports projects that will advance understanding of how to foster increased levels of interest and readiness among students for occupations in science, technology, engineering, and mathematics (STEM), and related fields such as information and communications technologies (ICT). The program seeks to enrich the formal and informal learning experiences of PreK-12 students by supporting projects that: a) increase awareness among students of STEM-related occupations; b) motivate students to pursue appropriate education pathways for STEM-related occupations; and/or c) provide students with technology-rich experiences that develop disciplinary-based knowledge and practices, or promote critical thinking, reasoning skills, or communication skills needed for entering STEM workforce sectors. The ITEST program supports these efforts through two types of research and development projects: (1) Strategies projects that address the initial design, development, and implementation of innovative technology-related interventions, and (2) SPrEaD (Successful Project Expansion and Dissemination) projects that support the further examination of interventions that have demonstrated evidence of impact. Approximately 15-20 Strategies awards with durations up to three years and total budgets up to $1.2M each will be made; and approximately 5-10 SPrEaD awards with durations of three to five years and total budgets up to $2M each will be made.
EarthScope

National Science Foundation, Geosciences (GEO)
Contact: Gregory Anderson, 703/292-4693, greander@nsf.gov
Solicitation number: NSF 15-578

EarthScope is an Earth science program to explore the 4-dimensional structure of the North American continent. The EarthScope Program provides a framework for broad, integrated studies across the Earth sciences, including research on fault properties and the earthquake process, strain transfer, magmatic and hydrous fluids in the crust and mantle, plate boundary processes, large-scale continental deformation, continental structure and evolution, and composition and structure of the deep Earth. In addition, EarthScope offers a centralized forum for Earth science education at all levels and an excellent opportunity to develop cyberinfrastructure to integrate, distribute, and analyze diverse data sets. The estimated total funding amount is $6M and there will be approximately 15 to 25 awards.

Division of Molecular and Cellular Biosciences - Investigator-initiated research projects

National Science Foundation, Biological Sciences (BIO)
Contact: Varies with research interest
Solicitation number: NSF 13-510

The Division of Molecular and Cellular Biosciences (MCB) supports quantitative, predictive, and theory-driven fundamental research and related activities designed to promote understanding of complex living systems at the molecular, subcellular, and cellular levels. MCB is soliciting proposals for hypothesis-driven and discovery research and related activities in four core clusters: 1) Molecular Biophysics; 2) Cellular Dynamics and Function; 3) Genetic Mechanisms; and 4) Systems and Synthetic Biology. MCB gives high priority to research projects that use theory, methods, and technologies from physical sciences, mathematics, computational sciences, and engineering to address major biological questions. Research supported by MCB uses a range of experimental approaches—including in vivo, in vitro and in silico strategies—and a broad spectrum of model and non-model organisms, especially microbes and plants. Typical research supported by MCB integrates theory and experimentation. Projects that address the emerging areas of multi-scale integration, molecular and cellular evolution, quantitative prediction of phenome from genomic information, and development of methods and resources are particularly welcome. The Division funds research projects of varying durations, typically three to five years.

Astronomy and Astrophysics Research Grants (AAG)

National Science Foundation
Contact: James Neff, 703/292-2475, jneff@nsf.gov
Solicitation number: NSF 12-589

The Astronomy and Astrophysics Research Grants (AAG) Program provides individual investigator and collaborative research grants for observational, theoretical, laboratory and archival data studies in all areas of astronomy and astrophysics, including but not limited to Planetary Astronomy, Stellar Astronomy and Astrophysics, Galactic Astronomy, Extragalactic Astronomy and Cosmology. Proposals may span multiple disciplines and/or areas of study and may utilize multiple techniques. The anticipated award amount is $40M and the estimated number of awards is 100.
Integrated Earth Systems (IES)

National Science Foundation, Geosciences (GEO)


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

Solicitation number: NSF 15-600

IES is a program in the Division of Earth Sciences (EAR) that focuses specifically on the continental, terrestrial and deep Earth subsystems of the whole Earth system. Overall, the goals of IES are to: 1) provide opportunity for collaborative, multidisciplinary research into the operation, dynamics and complexity of Earth systems at a budgetary scale between that of a typical project in the EAR Division's disciplinary programs and larger scale initiatives at the Directorate or Foundation level; 2) support study of Earth systems that builds on process-oriented knowledge gained from EAR programmatic research and enables systems-level hypothesis testing and analysis of coupled processes; and 3) to provide a "bridge" among the EAR disciplinary programs in order to foster the exchange of questions, ideas, and knowledge between disciplinary discovery and system-level investigations. The IES focus will be on the operation and evolution of continental, terrestrial and deep Earth systems over spatial scales that range from global to regional to local to grain scale, and on all timescales. Quantifying these complex systems requires extensive data on fluxes, structures, and evolution of the system as well as information on how such fluxes are interconnected within a specific system. IES projects are expected to involve collaborations among investigators from different EAR disciplinary specialties. Inclusion of collaboration with other science fields is also welcome but the primary focus is on advancing EAR disciplines rather than advancing disciplines outside the EAR programmatic structure. The award size for IES projects is expected to range between $1M and $3M for projects of three to five years duration, although smaller awards may be made.

Dynamics of Coupled Natural and Human Systems (CNH)

National Science Foundation, Cross-Directorate


Contact: Betsy Von Holle, 703/292-4974, cnh@nsf.gov

Solicitation number: NSF 14-601

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 Research Projects; CNH Small Research Projects; and CNH Research Coordination Networks, with respective award amounts of $500K to $1.8M for two to five years, $150K to $500K for one to two years, and $300K 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 nine grants per year.
Secure and Trustworthy Cyberspace (SaTC)

National Science Foundation


Contact: Jeremy Epstein, 703/292-8338, jepstein@nsf.gov

Solicitation number: NSF 15-575

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.

NSF/DOE Partnership in Basic Plasma Science and Engineering

National Science Foundation, Cross-Directorate


Contact: Varies with research interest

Solicitation number: NSF 15-601

The goal of this program initiative is to enhance plasma research and education in this broad, multidisciplinary field by coordinating efforts and combining resources of the two agencies. The initiative will address fundamental issues in plasma science and engineering that can have impact in other areas or disciplines in which improved basic understanding of the plasma state is needed. The current solicitation also encourages submission of proposals to perform basic plasma experiments at NSF and DOE supported user facilities, such as the Basic Plasma Science Facility at the University of California, Los Angeles, designed to serve the needs of the broader plasma community. Award sizes are anticipated to range from $25K to $250K per year with a duration of up to three years, depending upon the nature of the research activity.

Interdisciplinary Behavioral and Social Science Research (IBSS)

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


Contact: Thomas Baerwald, 703/292-7301, tbaerwal@nsf.gov

Solicitation number: NSF 15-588

The competition seeks to support research conducted by integrated teams of researchers from two or more social, behavioral, and economic (SBE) disciplines. These teams should engage in integrated research that employs methods and techniques from multiple SBE disciplines, and the results of the team's research should be likely to significantly enhance theoretical understandings or have other stimulating and/or catalytic impacts across a range of SBE disciplinary fields. Although the IBSS competition will consider any proposal that addresses a topic for which the proposal makes a compelling case that the research will enhance broader theoretical understanding across multiple social and behavioral science fields, social and behavioral science researchers are especially encouraged to submit proposals for research on one of the following three general topics: Population Change; Sources and Consequences of Disparities; and Technology, New Media, and Social Networks. The IBSS competition invites proposals for two different kinds of projects: 1) IBSS Large Interdisciplinary Research Projects which may be supported by awards as large as $1M. Most projects will extend from two to five years in duration; and 2) IBSS Interdisciplinary Team Exploratory Projects which may be supported by awards as large as $300K.
Cyber-Enabled Sustainability Science and Engineering (CyberSEES)

National Science Foundation, Cross-Directorate


Contact: Varies with research interest

Solicitation number: NSF 13-500

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

Archaeology and Archaeometry

National Science Foundation


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

Solicitation number: PD 98-1391

The Archaeology Program provides support for anthropologically relevant archaeological research at both a "senior" and doctoral dissertation level. It also funds anthropologically significant archaeometric research and high risk exploratory research proposals. For more information about multi-disciplinary research and training opportunities, please visit the SBE Office of Multidisciplinary Activities (SMA) website.

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.
CISE-MPS Interdisciplinary Faculty Program in Quantum Information Science

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

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.

Contact: Varies with research interest
Solicitation number: NSF 15-512

Discovery Research K-12 (DRK-12)

National Science Foundation, Education and Human Resources (EHR)

The Discovery Research PreK-12 program (DRK-12) seeks to significantly enhance the learning and teaching of science, technology, engineering and mathematics (STEM) by PreK-12 students and teachers, through research and development of STEM education innovations and approaches. The Discovery Research PreK-12 program (DRK-12) seeks to significantly enhance the learning and teaching of science, technology, engineering and mathematics (STEM) by PreK-12 students and teachers, through research and development of STEM education innovations and approaches. Normal limits for funding requests of DRK-12 proposals are as follows: (1) Level I projects up to $450K with duration up to three years; (2) Level II projects up to $3M with duration up to four years; and (3) Level III projects up to $5M with duration up to five years.

Contact: 703/292-8620, DRLDRK12@nsf.gov
Solicitation number: NSF 15-592

CyberCorps(R): Scholarship for Service (SFS)

This program seeks proposals that address cybersecurity education and workforce development. The Scholarship Track provides funding to award scholarships to students in cybersecurity. All recipients must work after graduation for a Federal, State, Local, or Tribal Government organization in a position related to cybersecurity for a period equal to the length of the scholarship. The Capacity Track seeks innovative proposals leading to an increase in the ability of the United States higher education enterprise to produce cybersecurity professionals. The SFS Scholarship Track supports up to three years of academic year stipends of $22.5K per year for undergraduate students and $34K per year for graduate students. SFS Capacity Track projects may vary in size and may request up to $500K in total, with durations of up to three years.

Contact: Victor Piotrowski, 703/292-5141, vpiotrow@nsf.gov
Solicitation number: NSF 15-584

Solar, Heliospheric, and Interplanetary Environment (SHINE)

Proposals are solicited for research directly related to topics under consideration and discussion at community workshops organized by SHINE. Information on the current activities of SHINE may be found at the following web site:

http://www.shinecon.org. Under this solicitation, proposals may be submitted for any funding amount up to $120K per year for a maximum duration of five years.
Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories

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. Planning proposals are for strategic institutional planning for the long term research and education goals of the station. 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. Proposals may request up to $350K. Requests for planning grants are limited to $25K.

EarthCube: Enterprise Governance

EarthCube aims to create a well-connected and facile environment to share data and knowledge in an open, transparent, and inclusive manner, thus accelerating the ability of the geosciences community to understand and predict the Earth system. Achieving EarthCube will require a long-term dialog between NSF and the interested scientific communities to develop cyberinfrastructure that is thoughtfully and systematically built to meet the current and future needs of geoscientists. This solicitation seeks the services of a qualified organization to provide a science support office for EarthCube governance. This organization will provide the services required to maintain and manage the community governance structures and support the activities articulated within the EarthCube Governance Framework documents. The award, to be administered as a Cooperative Agreement, is intended to cover an initial 3-year period and will range from $500K to $800K per year.

Innovation Corps Program (I-Corps)

The purpose of this program is to identify NSF-funded researchers who will receive additional support -- in the form of mentoring and funding -- to accelerate innovation that can attract subsequent third-party funding. This grant gives the project team access to resources to help determine the readiness to transition technology developed by previously-funded or currently-funded NSF projects. The outcome of the I-Corps projects will be threefold: 1) a clear go/no go decision regarding viability of products and services, 2) should the decision be to move the effort forward, a transition plan to do so, and 3) a technology demonstration for potential partners. Up to 250 awards will be made.
Research Coordination Networks (RCN)
National Science Foundation, Cross-Directorate
Contact: Alan Tessier, 703/292-7198, atessier@nsf.gov
Solicitation number: NSF 15-527

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

Private/Nonprofit Agencies

Ongoing

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

Ongoing

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

PepsiCo Grants
Pfizer Inc.
http://www.pepsico.com/Purpose/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

Waitt Foundation

http://waittfoundation.org/grant-guidelines

Contact: 858/551-4400

Solicitation number:

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

Michelson Grants in Reproductive Biology

Found Animals Foundation

http://michelson.foundanimals.org/michelson-grants

Contact: MichelsonPrize@foundanimals.org

Solicitation number:

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

**Energy Foundation Grants**

The Energy Foundation

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

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

Solicitation number:

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

Ongoing

**Lannan Foundation Grants**

Lannan Foundation


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

Solicitation number:

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

Ongoing

**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.

Ongoing

**Conservation Trust Grant**

National Geographic Society


Contact: conservationtrust@ngs.org

Solicitation number:

The objective of the Conservation Trust is to support conservation activities around the world as they fit within the mission of the National Geographic Society. The trust will fund projects that contribute significantly to the preservation and sustainable use of the Earth’s biological, cultural, and historical resources. Applicants are not expected to have PhDs or other advanced degrees. However, applicants must provide a record of prior research or conservation action as it pertains to the proposed project. While grant amounts vary greatly, most range from $15K to $20K. Pre-applications are accepted throughout the year. Applications are submitted by invitation only. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
Environment Program
The William and Flora Hewlett Foundation
http://www.hewlett.org/programs/environment-program/
Contact: 650/234-4500
Solicitation number:
The Environment Program supports projects with goals to: conserve the Western United States and Canada for wildlife and people; slow global climate change by reducing greenhouse gas emissions; ensure that the US energy supply is clean and consumption is efficient; and address environmental problems that disproportionately affect disadvantaged communities in the San Francisco Bay Area. The Foundation accepts unsolicited letters of inquiry for its Western Conservation Program and its Energy and Climate Program. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

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

Funding for Readings and Workshops
Poets & Writers
http://www.pw.org/content/funding_readingsworkshops
Contact: 310/481-7195
Solicitation number:
Poets & Writers provides fees to writers who give readings or conduct writing workshops. Each year, our Readings/Workshops program supports hundreds of writers participating in events in large cities and small towns throughout New York and California. Grants for readings or spoken word performances range from $50 to $350. Grants for workshops range from $100 to $200 per session. Applicants are encouraged to apply more than eight weeks in advance of the event. Grants are awarded on a rolling basis. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Mott Foundation Grants
The Charles Stewart Mott Foundation
http://www.mott.org/grantseeker.aspx
Contact:
Solicitation number:
The Charles Stewart Mott Foundation supports efforts in civil society, the environment, and pathways out of poverty. The median grant size is in the $100K range. The majority of grants are between $15K and $250K annually. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
Swiss International Short Visits

Swiss National Science Foundation


Contact: international@snf.ch

Solicitation number:

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

Humanities Program Grants

The Gladys Krieble Delmas Foundation

http://delmas.org/?page_id=6 - humanities

Contact: 212/687-0011, info@delmas.org

Solicitation number:

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

Brain and Behavior Research Grants

Brain & Behavior Research Foundation

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

Contact: grants@bbrfoundation.org

Solicitation number:

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

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

Contact: ideas@iss-casis.org

Solicitation number:

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

Thriving Cultures Program

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

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

Solicitation number:

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

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

Oak Ridge Institute for Science and Education (ORISE)
http://see.orau.org/ProgramDescription.aspx?Program=10056

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

Solicitation number:

The Army Environmental Commands mission is to lead and execute Army cleanup and environmental quality programs, providing technical expertise to enable Soldier readiness and sustainable military communities. Through the ORISE Environmental Management Participation Program, opportunities exist to participate in the following areas: environmental projects involving cultural and natural resources, restoration, compliance, conservation, pollution prevention, validation, demonstration, technology transfer, quality assurance and quality control, training, information management and reporting, and related programs. Appointments are made up to one year, full-time or part-time and are renewable up to a total of four years full-time participation for postgraduates and renewable up to a total of five years full-time participation for postdoctorates. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
AFRL Research Collaboration Program
Elsevier Foundation
http://www.grants.gov/custom/viewOppDetails.jsp?oppId=212295
Contact: Angela Campbell, 937/656-7736, Angela.Campbell@wpafb.af.mil
Solicitation number:  BAA-RQKM-2013-0005
The objective of the AFRL Research Collaboration program is to enable collaborative research partnerships between AFRL and Academia and Industry in areas including but not limited to Materials and Manufacturing and Aerospace Sensors that engage a diverse pool of domestic businesses that employ scientists and engineers in technical areas required to develop critical war-fighting technologies for the nation’s air, space and cyberspace forces through specific AFRL Core Technical Competencies (CTCs). This objective will be met by awarding contracts/assistance instruments that provide a broad range of highly unique evolutionary and revolutionary technology advances in nine competency areas: Structural Materials and Applications, Functional Materials and Applications, Support for Operations, Manufacturing Technology, Radio Frequency (RF) Sensing, Electro-Optical Sensing, Spectrum Warfare, Layered Sensing Exploitation and Enabling Sensor Devices/Components. Individual awards are anticipated to be in the range of $100K to $750K per contract. Each award is not anticipated to exceed 48 months.

Fulbright Specialist Program
Council for International Exchange of Scholars
http://www.cies.org/specialists/
Contact: Margo Cunniffe, 202/686-6243, mcunniffe@iie.org
Solicitation number:
The Fulbright Specialist Program (FSP) promotes linkages between U.S. academics and professionals and their counterparts at host institutions overseas. The program is designed to award grants to qualified U.S. faculty and professionals, in select disciplines, to engage in short-term collaborative 2 to 6 week projects at host institutions in over 100 countries worldwide. International travel costs and a stipend are funded by the U.S. Department of State Bureau of Educational and Cultural Affairs. Participating host institutions cover grantee in-country expenses or provide in-kind services. Project activities focus on strengthening and supporting the development needs of host institutions abroad and do not fund personal or clinical medical research and related projects involving patient contact. Eligible activities include short-term lecturing, conducting seminars, teacher training, special conferences or workshops, as well as collaborating on curriculum planning, institutional and/or faculty development. U.S. faculty and professionals apply to join a Roster of Specialists for a 5 year term. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Sundance Documentary Fund
Sundance Institute
http://www.sundance.org/programs/documentary-film
Contact: dfp@sundance.org
Solicitation number:
The Sundance Documentary Fund provides grants to filmmakers worldwide for projects that display: artful and innovative storytelling, contemporary relevance, originality and feasibility, the potential to reach and connect with its intended audience. Development grants provide funds of up to $20K. There is no reel required with an application, but clips, teasers, trailers, or images are highly encouraged. A previous work sample is required. Production/Post-Production grants provide up to $50K to fund projects offering approximately 10 or more minutes of edited material for the project being proposed. The reel should convey the narrative and aesthetic approach for the final film. A previous sample work must also be included with the application. Audience Engagement grants provide up to $20K to previously granted projects funding for strategic audience and community engagement campaigns. Additional opportunities by nomination. 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

**Humanities Research Projects**

Gerda Hengel Foundation

http://www.gerda-henkel-stiftung.de/research_grants

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.

Ongoing

**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.

Ongoing

**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.

Ongoing

**Open Society Fellowship**

Open Society Foundations

http://www.opensocietyfoundations.org/grants/open-society-fellowship

Contact: OSFellows@opensocietyfoundations.org

Solicitation number:

The Open Society Fellowship supports individuals pursuing innovative and unconventional approaches to fundamental open society challenges. The fellowship funds work that will enrich public understanding of those challenges and stimulate far-reaching and probing conversations within the Open Society Foundations and in the world. A fellowship project might identify a problem that has not previously been recognized, develop new policy ideas to address familiar problems, or offer a new advocacy strategy. Project themes should cut across at least two areas of interest to the Open Society Foundations. Among these are human rights, government transparency, access to information and to justice, and the promotion of civil society and social inclusion. Full-time fellows may receive up to a $100K stipend.
Global Research Outreach (GRO) Program
Samsung

The SAMSUNG Global Research Outreach (GRO) Program seeks applications that propose novel research ideas and to work with our R&D teams to foster technological innovation. This has resulted in actively collaborative relationships with over 100 leading universities worldwide. Selected GRO applicants will receive financial support for their proposed project, up to USD $100,000 per year. This funding may be renewed for up to three years, based on measured annual research outcomes and necessity for further research partnership determined by SAMSUNG.

Contact: gro.usa@samsung.com

Targeted Grants in Mathematics and Physical Sciences
Simons Foundation

The program is intended to support high-risk projects of exceptional promise and scientific importance on a case-by-case basis. A typical Targeted Grant in MPS provides funding for up to five years. The funding provided is flexible and based on the type of support requested in the proposal. Expenses for experiments, equipment, or computations, as well as for personnel and travel, are allowable.

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

Hollings Grants
National Marine Sanctuary Foundation

The Hollings Grants are a way NMSF seeks to amplify the resources of National Marine Sanctuaries, by providing funding that supports partnerships with the 14 sites in America’s National Marine Sanctuary System. Pre-proposals for the grant may follow one of three tracks: 1) Engage the public with ocean issues and conservation action through National Marine Sanctuaries, 2) Engage the public in efforts that support sustainable marine fisheries or recovery of protected species consistent with NOAA Fisheries’ mission, and 3) Provide immersive educational experiences to 4th grade students in National Marine Sanctuaries or other public waters, in support of Every Kid in a Park. Typically, NMSF awards more than $100K each year in Hollings Grants. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

CESCG Call 2: Request for Collaborative Research Projects
Stanford University

A major objective of the program is to support the genomics research needs of stem cell investigators in California. Through the CRP funding of individual collaborative research projects, the CESCG provides expertise and resources for the development and application of innovative genomic and epigenomic approaches for human stem cell biology and regenerative medicine as well as advance clinical therapeutics. The objective is to combine stem cell resources with CESCG genomic and bioinformatics approaches to accelerate fundamental understanding of human biology and disease mechanisms, enhance cell and tissue production and advance personalized cellular therapeutics. In support of the CIRM mission to accelerate treatments for patients with unmet medical needs, the CESCG investigators are particularly interested in those projects supporting translational research efforts and precision medicine. Funds for CRP projects will be allocated by two methods, the CESCG Resources Budget at the CESCG and the Collaborator Budget. The CESCG Resources Budget at the CESCG will cover the costs for genomics resources provided by the CESCG. Collaborator Budgets will cover costs incurred at the Collaborator’s laboratory (if requested and awarded).
Research Associateship Programs
National Academy of Sciences
http://sites.nationalacademies.org/PGA/RAP/PGA_050491
Contact: 202/334-2760, rap@nas.edu

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

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

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

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

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

Simons Early Career Investigator in Marine Microbial Ecology and Evolution Awards
Simons Foundation
Contact: 646/751-1280, lifegrants@simonsfoundation.org

Solicitation number:
The purpose of these awards is to help launch the careers of outstanding investigators who use quantitative approaches to advance our understanding of marine microbial ecology and evolution. Investigators will focus directly on marine microbes or on fundamental problems that are highly relevant to understanding marine microbial ecosystems. The award amount will be $180K per year for a period of 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.
The Conservation Guest Scholar Program
The Getty Foundation
http://www.getty.edu/foundation/initiatives/residential/conservation_guest_scholars.html
Contact: 310/440-7374, researchgrants@getty.edu
Solicitation number:
The program supports new ideas and perspectives in the field of conservation, with an emphasis on the visual arts (including sites, buildings, objects) and the theoretical underpinnings of the field. The program provides an opportunity for professionals to pursue scholarly research in an interdisciplinary manner across traditional boundaries in areas of interest to the international conservation community. Conservation Guest Scholars are in residence at the Getty Center for three or six consecutive months between late September and June. A monthly stipend of $3.5K is awarded, prorated to the actual dates of residency. The grant also includes a workstation at the Conservation Institute, research assistance, airfare to Los Angeles, an apartment in the Getty scholar housing complex, and health benefits.

Individual Residential Fellowships
Center for Advanced Study in the Behavioral Sciences at Stanford University (CASBS)
http://www.grants.gov/web/grants/view-opportunity.html?oppId=277295
Contact:
Solicitation number:
The Center offers a residential fellowship program for scholars from this country and abroad. Since 1954, CASBS fellowships have been awarded to scholars working in a diverse range of disciplines. These include the five core social and behavioral sciences (anthropology, economics, political science, psychology, and sociology) as well as a wide range of humanistic disciplines, education, linguistics, communications, and the biological, natural, health, and computer sciences. CASBS is a collaborative environment which aim to bring disciplines into contact with each other—to broaden scholars beyond their specialized training. A Center stipend is based on the fellow’s academic salary for the year before residence and cannot exceed one-half of the fellow’s academic year base salary. The cap is $70K.

Art History Fellowships
The Metropolitan Museum of Art
http://www.metmuseum.org/research/internships-and-fellowships/fellowships/art-history-fellowships
Contact: academic.programs@metmuseum.org
Solicitation number:
Fellowships at the Metropolitan Museum are an opportunity for a community of scholars from around the world to use the Museum as a place for exchange, research, and professional advancement. The fellows are fully integrated into the community of art history and conservation fellows and, through weekly gatherings and workshops, take part in research sharing and workshops that explore the inner workings of the Met. Fellows are given a workspace and access to libraries, collections, research facilities, labs, and, perhaps most importantly, the time and space to think. The stipend amount for one year is $32K for junior fellows and $42K for senior fellows, with up to an additional $6K for travel. 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.

Simons Symposia Program
Simons Foundation
https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/simons-symposia/
Contact: 212/524-6966, mps@simonsfoundation.org
Solicitation number:
The Simons Foundation’s Mathematics and Physical Sciences division is currently soliciting proposals for its Simons Symposia series, which brings together mathematicians, theoretical physicists, and theoretical computer scientists to interact and collaborate in symposium series that focus on one topic or tightly connected group of topics. An individual symposium series consists of up to three weekend meetings on one topic or a tightly connected group of topics every second year. A symposium series is initially approved for one year and renewed for up to two more if successful. Each symposium in the series may have up to 23 participants, including its organizing committee.
Howard Fellowships
The George A. and Eliza Howard Foundation
http://brown.edu/Divisions/Graduate_School/Howard_Foundation/
Contact: 401/863-2640, Howard_Foundation@brown.edu
Solicitation number:
The Howard Foundation awards a limited number of fellowships each year for independent projects in selected fields, targeting its support specifically to early mid-career individuals, those who have achieved recognition for at least one major project. Approximately ten fellowships of $33K will be awarded in April 2016 for 2016-2017 in the fields of Creative Non-Fiction, Literary Translation into English, Film Studies, and Literary Studies. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Huntington Fellowship
The Huntington
http://www.huntington.org/WebAssets/Templates/content.aspx?id=566
Contact: Steve Hindle, 626/405-2194, cpowell@huntington.org
Solicitation number:
The Huntington is an independent research center with holdings in British and American history, literature, art history, and the history of science and medicine. The Burndy Library consists of some 67,000 rare books and reference volumes in the history of science and technology, as well as an important collection of scientific instruments. The Huntington will award to scholars over 150 fellowships for the academic year 2016-2017. These fellowships derive from a variety of funding sources and have different terms. Recipients of all fellowships are expected to be in continuous residence at the Huntington and to participate in and make a contribution to its intellectual life. Short-term awards will last from one to five months with an award amount of $3K per month. Long-term awards range from nine to twelve months with an award amount of $50K. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Pew Biomedical Scholars 2016 - Limited Submission
The Pew Charitable Trusts
http://www.pewtrusts.org/en/projects/pew-biomedical-scholars/program-details
Contact: Anita Pepper, apepper@pewtrusts.org
Solicitation number:
The Pew Scholars Program in the Biomedical Sciences provides funding to young investigators of outstanding promise in science relevant to the advancement of human health. The program makes grants to selected academic institutions to support the independent research of outstanding individuals who are in their first few years of their appointment at the assistant professor level. Based on their performance during their education and training, candidates should demonstrate outstanding promise as contributors in science relevant to human health. Strong proposals will incorporate particularly creative and innovative approaches. Candidates whose work is based on biomedical principles, but brings in concepts and theories from more diverse fields, are encouraged to apply. Risk-taking is encouraged. The current grant level is $240k; $60K per year for a four-year period.

As of November 1, 2015, nominees must hold full-time appointments at the rank of assistant professor. (Appointments such as Research Assistant Professor, Adjunct Assistant Professor, Assistant Professor Research Track, Visiting Professor or Instructor are not eligible.) On July 1, 2015, candidates must have been in such an appointment for less than three years (not appointed before July 1, 2012), whether or not such an appointment was on a tenure track. Time spent in clinical internships, residencies, or in work toward board certification does not count as part of this three-year limit.
Lemelson-MIT Prize

The Lemelson-MIT Prize is awarded to outstanding mid-career inventors, who have developed a patented product or process of significant value to society, which has been adopted for practical use, or has a high probability of being adopted. The prize seeks to highlight the pivotal role inventive activity plays in the achievement of positive social, cultural and economic goals. Candidates may be individuals or two collaborating inventors, and they must be nominated by one of their peers. $500K will be awarded to the winner.

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.

Center for Global Partnership Grants

The Japan Foundation

The 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.

Inclusive Excellence - 2017 Undergraduate Science Education Grants - Limited Submission

The Howard Hughes Medical Institute announces a new competition for science education grants to colleges and universities. The goal of this initiative is to help institutions build their capacity to effectively engage all students in science throughout their undergraduate years, especially those who come to college via non traditional pathways.

Through this initiative, HHMI will support colleges and universities that commit to measurably increase their infrastructure, resources, and expertise to involve undergraduate students in science, resulting in expanded access to excellence for all students. Our long-term aim is for successful strategies pioneered by the grantee institutions to serve as models to be adapted and adopted by other institutions.

The new competition will be open to US colleges and universities that award the baccalaureate degree in the natural sciences and are fully accredited, not-for-profit, four-year institutions. It will exclude the 40 universities awarded 2014 HHMI grants.
The Smithsonian Institution Fellowship Program
Smithsonian Institution
http://www.smithsonianofi.com/fellowship-opportunities/smithsonian-institution-fellowship-program/
Contact: 202/633-7070, siofi@si.edu
Solicitation number:
The program is the Smithsonian Institution's centrally-funded flagship fellowship program. SI Fellowships are awarded annually to scholars wishing to conduct independent study or research related to Smithsonian facilities, experts, or collection for the increase and diffusion of knowledge at one or more of the Smithsonian's 19 units and research centers. The program is open to graduate students, predoctoral students, postdoctoral researchers and senior researchers. Graduate student fellowships are offered for ten weeks and are not available for periods of less or more than ten weeks. The award amount is $7K. Predoctoral Student, Postdoctoral Researcher, and Senior Researcher Fellowships are typically 3 to 12 months in length, each with award amounts of $32.7K, $48K, and $48K respectively.
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.

Terra Foundation Academic Program Grants
Terra Foundation for American Art
http://www.terraamericanart.org/what-we-offer/grant-fellowship-opportunities/academic-program-grants/
Contact: Amy Gunderson, grants@terraamericanart.org.
Solicitation number:
The foundation actively supports projects that encourage international scholarship on American art topics, as well as scholarly projects with focused theses that further research of American art in an international context. Academic program funding is available for symposia, colloquia, and convenings that advance scholarship in the field of American art (circa 1500–1980) that take place in Chicago or outside the United States, or in the United States and examine American art within an international context and/or include a significant number of international participants. Grant size varies by program area and by project.

Franklin Research Grants
American Philosophical Society
http://www.amphilsoc.org/grants/franklin
Contact: Linda Musumeci, 215/440-3429, LMusumeci@amphilsoc.org
Solicitation number:
The American Philosophical Society awards small grants to scholars in order to support the cost of research leading to publication in all areas of knowledge. The program is particularly designed to help meet the costs of travel to libraries and archives for research purposes; the purchase of microfilm, photocopies, or equivalent research materials; the costs associated with fieldwork; or laboratory research expenses. Applicants are expected to have a doctorate or to have published work of doctoral character and quality. Ph.D. candidates are not eligible to apply. Funding is offered up to a maximum of $6K.

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

The Leakey Foundation
http://www.leakeyfoundation.org/application-guidelines

Contact: Paddy Moore, 415/561-4646, grants@leakeyfoundation.org

Solicitation number:

The Foundation fund research related specifically to human origins. The typical award for doctoral usually reach up to $15K. Larger grants for senior scientists and post-doctoral students may be funded up to $25K. Priority of funding is commonly given to exploratory phases of promising new research projects that meet the stated purpose of the Foundation. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

UC and State of California

Resident Scholars Program
UC MEXUS
http://www.ucmexus.ucr.edu/funding/resident-scholars-program.html

Contact: Wendy DeBoer, 951/827-7339, wendy.deboer@ucr.edu

Solicitation number:

The UC MEXUS offers an academic residency program for researchers, scholars and artists at critical junctures in their academic careers. The Institute offers a place for reflection and writing as well as opportunities to interact with the University community. Resident scholars must be self-supporting, as the program does not provide salary. The program offers three types of residencies: 1) Graduate students, 2) recent university graduates, and 3) visiting faculty. Up to four concurrent residencies are available at a time. Please consult UC MEXUS to determine if any positions remain open.

Whale Tail Competitive Grants Program
California Coastal Commission

Contact: Sylvie Lee, 415/904-5271, slee@coastal.ca.gov

Solicitation number:

The California Coastal Commission started this program in 1998. In prior years, all of the funding for this program came from the WHALE TAIL® License Plate. In 2014, a “check-off” box was added to the California state tax return form to provide taxpayers the option to voluntarily contribute to the Protect Our Coast and Oceans Fund. 2015 is the first year those donations are being used to increase the funds available for WHALE TAIL® grants. In addition to the WHALE TAIL® Grants Program, proceeds from sales of the license plates benefit the California Coastal Commission’s Adopt-A-Beach Program, California Coastal Cleanup Day, and other education and stewardship projects. Proceeds from contributions to the Protect Our Coast and Oceans Fund specifically benefit the WHALE TAIL® Grants Program. The California Coastal Commission is a state regulatory and planning agency that operates under the 1976 Coastal Act to manage the conservation and development of coastal resources in California. The Commission’s Public Education Program works to increase public knowledge of coastal and marine resources and to engage the public in coastal protection and restoration activities. Any amount up to $50K will be awarded (25-50% of the funding will be allocated in small grants under $10K).

Release Time Awards
Interdisciplinary Humanities Center
http://www.ihc.ucsb.edu/release-time-awards/

Contact: Emily Zinn, ezinn@ihc.ucsb.edu

Solicitation number:

Awards will be given to ladder rank faculty to release them from teaching one quarter to concentrate on research projects. Recipients must be in residence during the fellowship term; while the award releases the recipient from teaching responsibilities, it does not exempt him or her from service and advising responsibilities. Award recipients will be designated IHC Fellows and are required to deliver a public lecture or hold a seminar on a topic related to their research during their tenure as fellows. The award does not provide a salary supplement. It will be calculated as a replacement cost of up to $5K for one course.
IHC Collaborative Research Grants
Interdisciplinary Humanities Center
http://www.ihc.ucsb.edu/collaborative-research-grants-2/
Contact: Emily Zinn, ezinn@ihc.ucsb.edu
Solicitation number:
Awards will be made to support collaborative projects. Eligible projects include conferences at UCSB or in the Santa Barbara area; collaborative research or instructional projects by faculty in one or more departments/programs; and initiatives to bring visiting scholars and arts practitioners to campus for collaborative research or teaching (where appropriate such scholars may be appointed Visiting Fellows of the IHC). The award amounts up to $3K.

Santa Barbara Cottage Hospital Research Grants
Santa Barbara Cottage Hospital
http://www.cottagehealthsystem.org/LinkClick.aspx?link=1026&tabid=185
Contact: Betsy Lazarine, 805/569-7436, blazarin@sbch.org
Solicitation number:
This program has been established to encourage medical research by health professionals affiliated with Cottage Health System. The program can provide funding of up to $15K for innovative new ideas and small research projects. Scientists not affiliated with Cottage are eligible if there is a co-investigator who is a health professional affiliated with Cottage Health System.

Short-Term Collaborative Research Residency 2015-16
University of California Humanities Research Institute (UCHRI)
Contact: Suedine Nakano, snakano@hri.uci.edu
Solicitation number:
UCHRI invites proposals to use our on-site institutional resources — which include furnished apartments and meeting rooms on UC Irvine’s campus — for short-term working residencies. Committed research groups are invited to come to UCHRI to work together on a project already underway and with a designated outcome in sight. Residencies may run up to two weeks, depending on need and availability. This grant will cover reasonable costs of relocation to UCHRI. Residencies are available for a team of at least two and no more than ten residents representing any discipline or field in the humanities and humanistic social sciences, or in conjunction with scholars, artists, scientists, and experts across various disciplines. In larger groups, participation by faculty from a range of UC campuses, disciplines, and levels of career development is required. Proposed projects should advance the field of humanistic scholarship and engage in multi-disciplinary and multi-campus research. Although preference will be given to proposals with projects already underway, UCHRI will consider less-developed projects provided that there is a compelling case made for benefiting from an intense research residency.