NSF/EPSRC INTERNATIONAL COLLABORATIONS

The Directorate for Engineering (ENG), Division of Chemical, Bioengineering, Environmental and Transport Systems (CBET) of the National Science Foundation and the Engineering and Physical Sciences Research Council UK (EPSRC) announced the CBET-EPSRC Lead Agency Activity under a NSF/RCUK Research Cooperation Memorandum of Understanding (MoU). The goal of this activity is to reduce some of the barriers that researchers currently encounter when working internationally. The CBET-EPSRC Lead Agency Activity will allow US and UK researchers to submit a single collaborative proposal that will undergo a single review process.

Proposals will be accepted for collaborative research in areas at the intersection of CBET and the EPSRC’s Engineering Theme’s missions. Proposers should review the CBET Program Descriptions for research supported through CBET and the EPSRC Engineering Theme for further information on what areas of research are eligible for support through this activity. Proposals are expected to adhere to typical proposal budgets and durations for the relevant CBET and EPSRC program from which funding is sought.


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: Management and Operation of the National Center for Atmospheric Research (NCAR)
With this Dear Colleague Letter (DCL), the National Science Foundation’s (NSF) Directorates for Computer and Information Science and Engineering (CISE) and Engineering (ENG) announce their intention to support, foster, and accelerate fundamental research that advances the positive use of Unmanned Aerial Systems (UAS) to save lives, increase safety and efficiency, and enable more effective science and engineering research. These research investments will be made through existing CISE and ENG core and crosscutting research programs.

Dear Colleague Letter: Supporting Fundamental Research in Unmanned Aerial Systems (UAS)
With this Dear Colleague Letter (DCL), the National Science Foundation’s (NSF) Directorates for Computer and Information Science and Engineering (CISE) and Engineering (ENG) announce their intention to support, foster, and accelerate fundamental research that advances the positive use of Unmanned Aerial Systems (UAS) to save lives, increase safety and efficiency, and enable more effective science and engineering research. These research investments will be made through existing CISE and ENG core and crosscutting research programs.
Dear Colleague Letter: Data Resources for the BRAIN Initiative
NSF supports fundamental research across the broad spectrum of disciplines associated with Understanding the Brain (see https://www.nsf.gov/brain), and is a partner in the federal “Brain Research through Advancing Innovative Neurotechnologies” (BRAIN) Initiative. This broad interagency effort is supporting projects that are using different combinations of technologies and model organisms, generating multi-modal data sets aimed at understanding specific circuit contributions to brain function. These data sets include systematic collections of molecular profiles, anatomic information, functional properties of brain cells, as well as neuronal activity data, connectivity maps and high-resolution data on complex behaviors. Current Brain Initiative projects, thematic areas and programs supported by NIH or NSF can be found at the following websites:
NIH Link: http://www.braininitiative.nih.gov/funding/fundedAwards.htm

Dear Colleague Letter: Support for Engaging Students and the Public in Polar Research
The Geosciences and Education and Human Resources Directorates are partnering to advance and develop understanding of learning environments that build upon the rich interdisciplinary resources emerging from polar investments. To that end, the Division of Polar Programs (PLR), the Division of Undergraduate Education (DUE) and the Division of Research on Learning (DRL) encourage proposals that will leverage the extensive National Science Foundation (NSF) investment in polar sciences and infrastructure, and STEM education research and development, to promote an informed citizenry and the next generation of polar scientists. In order to advance polar science educational opportunities, PLR, DUE and DRL will accept and review proposals for research and development projects that facilitate access to polar research efforts in (1) undergraduate education, (2) informal science education or (3) formal PK-12 science or math education. Proposals must be submitted to either the Improving Undergraduate Science Education: Education and Human Resources (IUSE: EHR) deadline of November 2, 2016, the Advancing Informal STEM Learning (AISL) deadline of November 8, 2016, or the Discovery Research PreK-12 (DRK-12) deadline of December 5, 2016.

Dear Colleague Letter: NSF Support for DARPA Spectrum Collaboration Challenge (SC2) Participants
In response to the increasing demand for wireless spectrum, the Defense Advanced Research Projects Agency (DARPA) announced a Spectrum Collaboration Challenge (SC2) that aims to reward teams for developing smart systems that collaboratively, rather than competitively, adapt in real time to today’s fast-changing, congested spectrum environment. In particular, SC2 aims to redefine the conventional spectrum management roles of humans and machines in order to maximize the flow of radio frequency (RF) signals. SC2 is structured in three yearlong phases, and is open to anyone. However, only a limited number of SC2 participants will receive support from DARPA for their challenge-related activities. Through this Dear Colleague Letter (DCL), NSF’s Directorate for Computer and Information Science and Engineering (CISE) encourages academic researchers to participate in SC2, and announces its intention to support those researchers to pursue novel strategies in spectrum collaboration as part of SC2.

TRAINING FOR ADMINISTRATORS IN RESEARCH (STAR)
The Sponsored Projects Training for Administrators in Research (STAR) program is a comprehensive certificated training program developed by the UCSB Office of Research to meet UCSB’s research administration needs. The program’s goals are to improve campus 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 Program Certificate must complete the coursework in one or two years from the date they begin the course series. For more information, including a complete list of courses and registration information, visit [http://www.research.ucsb.edu/spo/contracts-and-grants-liaison-resources/star-class-schedule/](http://www.research.ucsb.edu/spo/contracts-and-grants-liaison-resources/star-class-schedule/)

**Upcoming:**

**Overview of Contract and Grant Administration (2 hours)**
This introductory course provides an overview of the administration of sponsored projects at UCSB and lays the foundation for later courses. Topics covered are campus research rankings, the Office of Research infrastructure and role, shared responsibilities, the general legal principles and policies that guide research activities, resources to help locate and secure extramural funding, and tools, such as the Office of Research website.

Offered: Wednesday, September 7, 2016; 9:00am-11:00am
Instructors: Cora Diaz & Meredith Murr
Location: Marine Science Building Auditorium (MSB1302)

**Cost Principles and Cost Accounting Standards (2.5 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. Course consists of lecture and one lab session.

Offered: Wednesday, October 12, 2016; 9:00am-11:30am
Instructors: Jim Corkill and Tyler Clark
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:

- DHS Scientific Leadership Awards for Minority Serving Institutions (MSI) Granting Bachelor Degrees—Campus Notice of Intent (required) 8/18/2016; Application 10/05/2016
- MacArthur Foundation 100&Change—Campus Pre-proposals (required) 8/24/2016; Full Proposal 10/03/2016

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

- NIH Bridges to the Doctorate—Campus Notice of Intent (required 6/30/2016; Applica-
• NSF Advancing Digitization of Biodiversity Collections (ADBC)—Full Proposal 10/14/2016

• NASA Space Technology Research Institutes (STRI)—Preliminary Proposal (required) 07/28/2016; Full Proposal (by invitation only) 10/24/2016

• NSF Alliances for Graduate Education and the Professoriate (AGEP)—Full Proposal 12/9/2016
Contract and Grant Awards
July 2016

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

Ameeriar, L. (Asian American Studies), Institute for Social, Behavioral, & Economic Research, $45,000, Institute For Advanced Study, “Saving Muslim Women: Examining Forced Marriage and Honor Killing among Muslim immigrants in London, United Kingdom.”

Archuleta, R.J. (Earth Science), Crempien, J. (Earth Science), Earth Research Institute, $35,000, University of Southern California, “SCEC Participation, Project U: High-Frequency Path and Source Parameters Determined from Recorded Ground Motion in Central California.”


Belding, E.M., Computer Science, $149,998, National Science Foundation, “EAGER: Collaborative Research: A Multi-Network Architecture for Expanding Internet Participation and Community-Building on Native American Reservations.”

Bowers, J.E., Blumenthal, D.J., Electrical & Computer Engineering, $2,150,000, Honeywell, Inc. (Includes Sperry Flight & Tetratrech Data Systems, Inc), "Optical Waveguide Laser-Gyroscope (OWL-G)."


Bucholtz, M.H. (Linguistics), Institute for Social, Behavioral, & Economic Research, $32,500, UC Humanities Research Institute, “Language in Latino Lives on California’s Central Coast.”


Chen, I., Chemistry & Biochemistry, $151,101, Simons Foundation, “Equipment for RNA and protocol studies.”

Costello, C.J. (Donald Bren School of Environmental Science & Management), Libecap, G. (Donald Bren School of Environmental Science & Management), Marine Science Institute, $280,000, Nature Conservancy, “TASK 8: Bio-Economic Modeling of Pacific Tuna Fisheries.”

Feliciano, E., Student Health Service, $3,100, Santa Barbara County, “Tobacco Cessation for Special Populations.”

Finkelstein, R., Molecular, Cellular & Developmental Biology, $499,711, National Science Foundation, “Modulators of the Abscisic Acid Core Signaling Pathway.”

Han, S., Chemistry & Biochemistry, $334,410, National Institute of Health (NIBIB), “Multifrequency microwave powered DNP instrument for MAS NMR.”


Jackson, M.G. (Earth Science), Earth Research Institute, $299,928, National Science Foundation, “Preservation of Hadean geochemical signatures in the Icelandic high 3He/4He mantle domain.”

Lew, G. (Molecular, Cellular & Developmental Biology), Reese, B.E. (Psychological & Brain Sciences), Neuroscience Research Institute, $422,125, NIH Natl Ctr Complementary & Alternative Medicine, “Procyanindin A-type dimer: A novel inhibitor of tau aggregation in vivo.”

Lubin, P.M., Meinhold, P.R., Physics, $400,000, NASA Washington, D.C. HQ, “DEEP - Directed Energy for IntErstellar Propulsion.”

Marter-Kenyon, J.S., Sweeney, S.H., Geography, $39,566, Purdue University, “Investigating the Impacts of a Ruralization on Sustainable Intensification and Smallholder Livelihoods in Rural Rwanda.”

Mazin, B., Srypryt, P., Physics, $71,000, NASA Office of the Chief Technologist, “Microwave Kinetic Inductance Detector Development.”

Michaelsen, J.C. (Geography), Stratton, E., Earth Research Institute (CCBER), $3,820,000, California Wildlife Conservation Board, “Upper Devereux Slough Restoration.”

Mishra, U.K., Electrical & Computer Engineering, $200,000, Office of Naval Research (ONR), “Performance enhancement of Deep Recess N-polar MISHEMTs for 94 GHz operation via electric field shaping in the GaN channel.”


Mitragotri, S.S., Chemical Engineering, $329,716, Dr. Reddy’s Laboratories Ltd., “DAFODIL by investigating its anti-tumor efficacy in 3 tumor xenograft models.”

Mostofi, Y.C., Electrical & Computer Engineering, $300,000, National Science Foundation, “Robotic See-Through Imaging with Everyday RF Signals.”

Pennathur, S. (Mechanical Engineering), California Nanosystems Institute, $38,000, Angstrom Designs, “Modular, Embedded Sensor Network.”


Seltmann, K. (Earth Research Institute), Earth Research Institute (CCBER), $40,000, California Coastal Conservancy, “Kids in Nature Explore the Coast (KIN2).”

Sharkey, J. (Department of Counseling, Clinical, and School Psychology), Cosden, M. (Department of Counseling, Clinical, and School Psychology), Gevirtz Graduate School of Education, $58,021, Santa Barbara County, “Reduction of Felony Probation Recidivism with Local Probation Practices.”


Sherwin, M., Young, A., Physics, $749,328, National Science Foundation, “MRI: Development of a single mode Terahertz free electron lasers for research in materiala, physics, chemistry and biology.”

Shukla, S., Geography, $50,000, UC San Diego, “Drought Early Warning for the California and Nevada Region.”

Smith, W.C., Molecular, Cellular & Developmental Biology, $1,558,483, NIH Child Health & Human Development, National Institutes of Health, “Genetic Analysis of Chordate Neurulation.”

Stemmer, S., Materials, $3,000,000, Office of Naval Research (ONR), “Engineered 3D Dirac Materials.”

Streichan, S. (Kavli Institute for Theoretical Physics), Shraiman, B.I., physics, $215,942, NIH Child Health & Human Development, National Institutes of Health, “Tissue flow genetics: using cartography to reveal forces driving morphogenesis.”


Young, O.R. (Environmental Studies Program), Halpern, B.S., Marine Science Institute, $220,067, Tufts University, “Collaborative Research: Holistic Integration for Arctic Coastal-Marine Sustainability (HIACMS), subaward via Tufts.”
Program Announcements
August 2016

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

Department of Agriculture (USDA)

9/22/2016 Application (CAP)

**Sustainable Bioenergy and Biproducts Challenge Area**
Department of Agriculture (USDA), National Institute of Food and Agriculture (NIFA)
Contact: Daniel Cassidy, dcassidy@nifa.usda.gov

Solicitation number:
NIFA requests applications for the Agriculture and Food Research Initiative Sustainable Bioenergy and Bioproducts (SBEBP) Challenge Area Program for fiscal year (FY) 2016. In the SBEBP Challenge Area, specific program areas are designed to achieve the long term outcome of reducing the national dependence on foreign oil through the development and production of regionally-appropriate sustainable bioenergy systems that materially deliver advanced liquid transportation biofuels, biopower, and bioproducts. For FY2016, SBEBP is soliciting applications in the following priority areas: 1) Regional Bioenergy Coordinated Agricultural Projects (CAPs) that focus on the production and delivery of regionally-appropriate sustainable biomass feedstocks for bioenergy and bioproducts. While the focus of CAPs will be on feedstocks, competitive proposals must present the feedstock development and production in the context of a comprehensive regional sustainable bioenergy and bioproducts supply chain systems. CAP Grants must not exceed $3 million per year, including indirect costs, for project periods of up to 5 years. 2) Investing in America’s Scientific Corps: Preparing a New Generation of Students, Faculty, and Workforce for Emerging Challenges in Bioenergy, Bioproducts, and the Bioeconomy. Education projects will not exceed $3 million total, including indirect costs, for project periods of up to 4 years.

Department of Commerce (DOC)
Ocean Exploration FY2017 Funding Opportunity

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


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

Solicitation number: NOAA-OAR-OER-2017-2004970

This program seeks to enhance ocean exploration and scientific knowledge of the unknown or poorly known areas of the ocean. This entails identifying, describing and creating baseline characterizations of new ocean habitats, marine resources and/or processes. Findings from projects and expeditions are anticipated to result in new baseline characterizations; provide better scientific understanding of the processes on U.S. continental margins and the deep ocean; offer new insights into climate variability and marine ecosystems; reveal new or unconventional energy, mineral, biological, and archaeological resources; help identify hazards resulting from extreme events such as submarine volcanic eruptions, earthquakes and tsunamis; and deliver technology advancements (platforms, sensors, methodologies, etc.) that will increase observational capabilities in the ocean.

OER hopes to support approximately 4-10 awards ranging from $10k to $750k through this solicitation.

Proposals are accepted for the following themes:

- Exploration of physical, chemical and biological environments and processes within the oceanic water column below ~200m
- Exploration of geological, physical, and biological environments as well as biogeochemical processes associated with seamounts
- Novel or innovative technologies and methodologies that could increase the pace and scope of ocean exploration, especially exploration of the water column, seamounts, and archaeological sites
- Proposals focused on the discovery and exploration of historically significant submerged marine heritage sites, features and artifacts associated with WWII

Department of Defense (DOD)

Ongoing

Research Interests of the Air Force of Scientific Research

Air Force Research Laboratory


Contact: Varies with research interest

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

AFOSR plans, coordinates, and executes the Air Force Research Laboratory’s (AFRL) basic research program in response to technical guidance from AFRL and requirements of the Air Force. Additionally, the office fosters, supports, and conducts research within Air Force, university, and industry laboratories; and ensures transition of research results to support U.S. Air Force needs.

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 two scientific Departments: Engineering and Information Science (RTA) and Physical and Biological Sciences (RTB). Awards average $200-400K per year and may be proposed for up to five years. Proposals may be submitted at any time, though it is recommended to contact the appropriate program manager prior to submission. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
AFRL Research Collaboration Program

Department of Defense (DoD)

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 warfighting 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.

Research Interests of the Air Force Office of Scientific Research

Air Force Research Laboratory

http://www.grants.gov/web/grants/view-opportunity.html?oppId=276388

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).

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

Contact: Varies with research interest

Solicitation number: W911NF-13-R-0001

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

AFRL RD/RV University Cooperative Agreement

Department of Defense (DoD)

http://www.grants.gov/web/grants/view-opportunity.html?oppId=280237

Contact:

Solicitation number: BAA-RVKV-2015-0003

This is a 5 year, open BAA. The AFRL Directed Energy Directorate (RD) and Space Vehicles Directorate (RV) are interested in receiving proposals under this announcement in order to establish university Cooperative Agreements (CA) to provide funds to students/professors in a timely manner for the purpose of engaging U.S./U.S. territories’ colleges and universities in directed energy and space vehicles-related basic, applied, and advanced research projects that are of interest to the Department of Defense (DoD). The scope of the research will include the entire spectrum of RD and RV technology that is applicable to the Air Force, including all peripherally-related RD and RV research.
Long Range Broad Agency Announcement (BAA) for Navy and Marine Corps Science and Technology

Office of Naval Research (ONR)

http://www.onr.navy.mil/~/media/Files/Funding-Announcements/BAA/2016/N00014-16-R-BA001.ashx

Contact: Varies with research interest
Solicitation number: N00014-16-R-BA01

The ONR is interested in receiving proposals for Long-Range Science and Technology (S&T) Projects which offer potential for advancement and improvement of Navy and Marine Corps operations. The ONR Program Codes and the science and technology thrusts that ONR is pursuing are: 1) Expeditionary Maneuver Warfare & Combating Terrorism Department; 2) Command, Control Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR); 3) Ocean Battlespace Sensing; 4) The Sea Warfare and Weapons Department; 5) Warfighter Performance; and 6) Naval Air Warfare and Weapons. Awards may take the form of contracts, grants, cooperative agreements, and other transaction agreements, as appropriate.

Department of Energy (DOE)

8/23/2016 Letter of Intent (highly encouraged)
9/20/2016 Application

Research Opportunities in High Energy Physics

Department of Energy, Office of Science


Contact: Varies with research interest
Solicitation number: DE-FOA-0001604

The mission of the High Energy Physics (HEP) program is to understand how the universe works at its most fundamental level, which is done by discovering the elementary constituents of matter and energy, probing the interactions between them, and exploring the basic nature of space and time.

The HEP program focuses on three scientific frontiers:
(1) The Energy Frontier, where powerful accelerators are used to create new particles, reveal their interactions, and investigate fundamental forces;
(2) The Intensity Frontier, where intense particle beams and highly sensitive detectors are used to pursue alternate pathways to investigate fundamental forces and particle interactions by studying events that occur rarely in nature; and
(3) The Cosmic Frontier, where non-accelerator-based experiments and telescopes are used to make measurements of naturally occurring phenomena that will offer new insight and information about the nature of dark matter, dark energy, and other phenomena to understand fundamental properties of matter and energy.

9/8/2016 Pre-Application (required)
11/14/2016 Full Application

Early Career Research Program

Department of Energy


Contact: Questions regarding the specific program areas/technical
Solicitation number: DE-FOA-0001625

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

Eligibility: The Principal Investigator must be an untenured Assistant Professor on the tenure track or an untenured Associate Professor on the tenure track at a U.S. academic institution as of the deadline for the application. No more than ten (10) years can have passed between the year the Principal Investigator’s Ph.D. was awarded and the year of the deadline for the application. For the present competition, those who received doctorates no earlier than 2006 are eligible.
**Innovative Development in Energy-Related Applied Science (IDEAS)**

Department of Energy

[https://arpa-e-foa.energy.gov/ - Foald45210635-66d2-4e12-a9ee-fb39dca1d01b](https://arpa-e-foa.energy.gov/ - Foald45210635-66d2-4e12-a9ee-fb39dca1d01b)

Contact: ExchangeHelp@hq.doe.gov

Solicitation number: DE-FOA-0001428

This Funding Opportunity Announcement (FOA) provides a continuing opportunity for the rapid support of early-stage applied research to explore innovative new concepts with the potential for transformational and disruptive changes in energy technology. IDEAS awards are intended to be flexible and may take the form of analyses or exploratory research that provides the agency with information useful for the subsequent development of focused technology programs. IDEAS awards may also support proof-of-concept research to develop a unique technology concept, either in an area not currently supported by the agency or as a potential enhancement to an ongoing focused technology program. Applications must propose concepts that are not covered by open ARPA-E focused FOAs and that also do not represent incremental improvements over existing technology. IDEAS awards are defined as single-phase efforts of durations 12 months or less with a total project cost of $500K or less and will be issued through Grants.

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**Bioenergy Research Center**

Department of Energy


Contact: Michael Hill, michael.hill@science.doe.gov

Solicitation number: DE-FOA-0001540

This Funding Opportunity Announcement (FOA) requests applications from the scientific community for Bioenergy Research Centers (BRCs) that develop novel biological solutions for the production of specialty biofuels and other bioproducts from plants with the potential to enable a more bio-based economy. For the purposes of this FOA, specialty biofuels are those non-food crop-derived fuels other than ethanol, and bioproducts are those that will replace petroleum derived non-pharmaceutical products.

This FOA describes the establishment of multidisciplinary research and technology centers that will conduct comprehensive, integrated research in bioenergy and bioproducts. BRCs must have significant research efforts addressing at least two of the four science focus areas: 1) sustainability, 2) feedstock development, 3) deconstruction & separation, and 4) conversion. Proposals may be multi-institutional, but should focus on the development of a single integrated research center. Ideally, each BRC annual budget is expected to range between $15 million and $25 million in DOE funding, but first year budgets may be adjusted to accommodate start-up actualities.

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**Department of the Interior (DOI)**

Ongoing

**National Fish Habitat Action Plan**

Department of the Interior


Contact: varies with research intent

Solicitation number: F16AS00029

This program provides technical and financial assistance to other federal agencies, states, local governments, Native American tribes, nongovernmental organizations, citizen groups, and landowners for the conservation and management of fish and wildlife resources. This includes minimizing the establishment, spread, and impact of aquatic invasive species. Specifically, aquatic habitat conservation projects under this program must protect, restore, and enhance fish and aquatic habitats, as outlined in the National Fish Habitat Action Plan (Action Plan). Funded projects may be carried out by Fish Habitat Partnerships (FHPs) recognized by the National Fish Habitat Board (Board) or the partners of Board recognized FHPs. Individual awards will range from approximately $1K to $300K. Applications are accepted on a rolling basis.

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**Institute of Peace**
Priority Grant Competition
Institute of Peace
http://www.usip.org/grants-fellowships/priority-grant-competition
Contact: Varies with research interest
Solicitation number:
This competition supports nonprofit organizations working in or on Afghanistan, Colombia, Iran, Iraq, Nigeria, Pakistan, and Sudan. The competition supports innovative peacebuilding projects involving research, the identification of promising models and effective practices, the development of practitioner resources and tools, the development and delivery of education, training and dialogue programs, and the production of films, radio programs and other media. Institute gives priority to high-quality projects that are likely to generate findings that are accessible to policymakers and practitioners and that demonstrate promise of having a substantial impact.

National Aeronautics and Space Administration (NASA)

8/17/2016   Proposals
ROSES 2016: Atmospheric Composition: Aura Science Team and Atmospheric Composition Modeling and Analysis
National Aeronautics and Space Administration
Contact: Kenneth Jucks, 202/358-0476, kenneth.w.jucks@nasa.gov
Solicitation number: NNH16ZDA001N-ACMAP
This solicitation seeks proposals for the analysis of satellite remote-sensing data of the Earth’s atmosphere, particularly those using data generated by the Earth Observing System (EOS) Aura satellite. Observations from Aura include those from the Microwave Limb Sounder (MLS), Ozone Monitoring Instrument (OMI), Tropospheric Emission Spectrometer (TES), and High Resolution Dynamics Limb Sounder (HIRDLS) that ceased operation in 2008. We are also encouraging proposals that combine data from Aura with data from other sensors within the "A-Train", S-NPP orbit, or morning crossing constellations (particularly Aqua, Terra, CALIPSO, and CloudSAT, S-NPP) or satellites or instruments from other space agencies (for example; SciSat/ACE, MetOp), ground based networks (e.g., but not limited to ozonesondes, NDACC, AGAGE, AERONET, and MPLNET), and NASA suborbital campaigns (e.g., but not limited to DISCOVER-AQ, ATTREX, CARVE, and SEAC4RS). These proposals should enable NASA research in the area of stratospheric and tropospheric chemistry, as well as improve the measurements of aerosols and trace gases, and determining the impacts of trace gasses and aerosols on climate and air quality. Proposals should specifically address the use of the satellite data.The maximum duration of awards is 3 years.

8/26/2016   Proposal
ROSES 2016: Earth Science U.S. Participating Investigator
National Aeronautics and Space Administration
Contact: Richard Eckman, 202/358-2567, Richard.S.Eckman@nasa.gov
Solicitation number: NNH16ZDA001N-ESUSPI
NASA solicits proposals for U.S. Participating Investigator (USPI) investigations on a foreign space mission that address the Earth Science Research Program objectives listed in the NASA Science Plan. This solicitation is for Earth science investigations that address the science questions listed in the NASA Science Plan and that contribute and facilitate access to foreign space agencies’ assets. A proposed investigation as a USPI on a foreign space mission may be as a Co Investigator (Co-I) for an instrument, experiment, or technology demonstration that is being built and flown by a sponsor agency other than NASA. The Co-I role can include, but is not limited to, instrument design, modeling, and simulation of the instrument’s operation and measurement performance; calibration of the instrument; and/or development of innovative data analysis techniques. A USPI may also serve as a member of a foreign space mission science or engineering team and participate in science team activities such as mission planning, mission operations, data processing, data analysis, and data archiving. The maximum duration of awards is 5 years.
ROSES 2016: Mars Data Analysis Program

National Aeronautics and Space Administration


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

Solicitation number: NNH16ZDA001N-MDAP

The objective of this program is to enhance the scientific return from missions to Mars conducted by NASA and other space agencies. These include, but are not limited to, the following missions: Mars Pathfinder (MPF), Mars Global Surveyor (MGS), Mars Odyssey (MO), Mars Exploration Rovers (MERs), Mars Express (MEX), Mars Reconnaissance Orbiter (MRO), Phoenix (PHX), Mars Science Laboratory (MSL), and Mars Atmosphere and Volatile EvolutioN (MAVEN). Any proposal may incorporate the investigation of data from more than one mission. Additional information about these missions, as well as references containing preliminary science results, can be found on the Mars Exploration Program (MEP) homepage at: http://mars.jpl.nasa.gov/.

Investigations submitted to this program must demonstrate how the research to be undertaken will directly improve our understanding of open science questions at Mars relevant to current hypotheses. Tasks responsive to this call include 1) data analysis tasks, 2) nondata-analysis tasks that are necessary to analyze or interpret the data, and 3) nondata-analysis tasks that significantly enhance the use or facilitate the interpretation of mission data. These tasks may incorporate theory, modeling, laboratory studies, correlative analyses, and/or other research. Proposals that include nondata-analysis tasks to enhance the use or facilitate the interpretation of mission data must incorporate the results of such tasks in the analysis or interpretation of mission data to be responsive to this call. MDAP does not support field studies or the acquisition of new astronomical observations. The maximum duration of awards is 4 years.

ROSES 2016: Lunar Data Analysis Program

National Aeronautics and Space Administration


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

Solicitation number: NNH16ZDA001N-LDAP

This program funds research on the analysis of recent lunar missions in order to enhance their scientific return. LDAP broadens scientific participation in the analysis of mission data sets and funds high-priority areas of research that support planning for future lunar missions. LDAP supports scientific investigations of the Moon using publicly available (released) data. An investigator may propose a study (e.g., scientific, landing site science, cartographic, topographic, geodetic research, etc.) based on analysis of lunar data collected by spacecraft at the Moon (listed above). Proposals may incorporate the analysis of data from more than one mission. Moreover, data analyses that require the use of older mission data sets (e.g., Apollo, Clementine) are allowable. The maximum duration of awards is 4 years.

ROSES 2016: Applied Sciences - Water Resources

National Aeronautics and Space Administration


Contact: Bradley Doorn, 202/358-2187, Bradley.Doorn@nasa.gov

Solicitation number: NNH16ZDA001N-WATER

This program solicits proposals that develop and demonstrate the integration of NASA Earth science data and models into water resource management applications and decision support tools that can be sustained by operational partners or stakeholders. Remote sensing data, in combination with hydrologic models, can provide important information that can be used to assist water resource managers working with a wide range of partners and stakeholders. In order to make the best decisions possible and develop strategies that enhance the security and sustainability of water supplies, water resource managers and their stakeholders need timely information on water quality and imbalances between water supply and demand. The specific goal of this solicitation is to advance the use of satellite observations to detect and mitigate threats to water security and sustainability with an emphasis on monitoring and management of 1) water quality and 2) agricultural water use. The maximum duration of awards is 3 years.
ROSES 2016: Planetary Protection Research
National Aeronautics and Space Administration
Contact: Catherine Conley, 202/358-3912, HQ-PPR@mail.nasa.gov
Solicitation number: NNH16ZDA001N-PPR

Planetary protection involves preventing biological contamination on both outbound and sample return missions to other planetary bodies. Numerous areas of research in astrobiology/exobiology are improving our understanding of the potential for survival of Earth microbes in extraterrestrial environments, relevant to preventing contamination of other bodies by organisms carried on spacecraft. Research is required to improve NASA's understanding of the potential for both forward and backward contamination, how to minimize it, and to set standards in these areas for spacecraft preparation and operating procedures. Improvements in technologies and methods for evaluating the potential for life in returned samples are also of interest. Many of these research areas derive directly from recent National Research Council (NRC) recommendations on planetary protection for solar system exploration missions (see http://planetaryprotection.nasa.gov/documents/ for online reports and a list of publications). The maximum duration of awards is 4 years.

9/2/2016 Proposal
9/8/2016 Step-1 Proposal
11/17/2016 Step-2 Proposal

ROSES 2016: Discovery Data Analysis Program
National Aeronautics and Space Administration
Contact: Michael New, 202/358-1766, michael.h.new@nasa.gov
Solicitation number: NNH16ZDA001N-DDAP

The objective of this program is to enhance the scientific return of Discovery Program missions by broadening the scientific participation in the analysis of data, both recent and archived, collected by Discovery missions. The DDAP supports investigations that use only data available in the Planetary Data System (PDS; http://pds.nasa.gov/) or equivalent publicly accessible archive(s), such as Genesis data at http://genesis.lanl.gov/plots/. The data must be archived and publicly available 30 days prior to the Step-2 submission deadline for DDAP proposals. Spacecraft data that have not been placed in such archives are not eligible for use in DDAP investigations. In all cases, it is the responsibility of the DDAP investigator to acquire any necessary data. Investigators are encouraged to contact the PDS archive for assistance in identifying specifics of available datasets. Datasets to be used in the proposed work must be clearly and specifically identified in the proposal. Regardless of the archive(s) used, if the data to be analyzed have known issues that might represent an obstacle to analysis, the proposers must demonstrate clearly and satisfactorily how such potential difficulties will be overcome. The maximum duration of awards is 4 years.

9/4/2016 Proposal
9/9/2016 Step-2 Proposal

ROSES 2016: Heliophysics Supporting Research
National Aeronautics and Space Administration
https://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={17AC90CA-FDAF-DDE4-AE6C-DF5AB66C057}
Contact: Arik Posner, 202/358-0727, arik.posner@nasa.gov
Solicitation number: NNH16ZDA001N-HSR

Heliophysics Supporting Research (SR) awards are research investigations of significant magnitude that employ a combination of scientific techniques. These must include an element of (a) theory, numerical simulation, or modeling, and an element of (b) data analysis and interpretation of NASA-spacecraft observations. Proposing teams must demonstrate the expertise necessary to cover the combination of techniques required. Awards are expected to be in the range of approximately $200K/year – $250K/year.

National Aeronautics and Space Administration

https://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={EE72A3F4-C06B-4E8B-6BE8-3F2F15FCDD48}

Contact: James Gaier, 260/579-3442, james.r.gaier@nasa.gov

Solicitation number: NNH16ZDA001N-PICASSO

This program supports the development of spacecraft-based instrument systems that show promise for use in future planetary missions. The goal of the program is to conduct planetary and astrobiology science instrument feasibility studies, concept formation, proof of concept instruments, and advanced component technology development to the point where they may be proposed in response to C.13. Maturation of Instruments for Solar System Exploration (MatISSE) Program Therefore, the proposed instrument system or advanced components must address specific scientific objectives of likely future planetary science missions. The PICASSO Program seeks proposals for development activities leading to instrument systems in support of the Science Mission Directorate’s (SMD’s) Planetary Science Division (PSD). The objective of the program is to develop new technologies that significantly improve instrument measurement capabilities for planetary science missions (such as Discovery, New Frontiers, Mars Exploration, and other planetary programs). It is the responsibility of the proposer to demonstrate how their proposed technology addresses significant scientific questions relevant to stated NASA goals and not for NASA to attempt to infer this. The maximum duration of awards is 3 years.

ROSES 2016: Cloud and Aerosol Monsoonal Processes - Philippines Experiment

National Aeronautics and Space Administration


Contact: Hal Maring, 202/358-1679, hal.maring@nasa.gov

Solicitation number: NNH16ZDA001N-CAMP2EX

This program will address key questions regarding the interactions among clouds, aerosols, and meteorology, as driven by solar radiation and radiation emitted from the Earth’s surface. The field campaign will take place in the vicinity of the Philippines and will focus on the influences of aerosol particles from biomass burning and anthropogenic particle emissions. Primary observations will include cloud properties, aerosol particle properties, meteorological parameters, as well as solar radiation and radiation emitted from the Earth’s surface. The campaign will take place during the period from July to early September 2018 to investigate the impact of biomass burning and pollution aerosol particles during the Southwest Monsoon. The overall scientific goal of the experiment is to characterize the role of anthropogenic and natural aerosol particles in modulating the frequency and amount of warm and mixed phase precipitation in the vicinity of the Philippines during the Southwest Monsoon. Two types of proposals will be considered for support under this ROSES-2016 element. First, proposals requesting support for in situ and remote-sensing measurements to be deployed on the NASA P-3B and, second, campaign leadership and flight planning will be considered under this solicitation.

ROSES 2016: Planetary Science and Technology Through Analog Research

National Aeronautics and Space Administration

https://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={B0EE1F61-F9A7-AB2B-1695-ACD354C484E0}

Contact: Sarah Noble, 202/358-2492, sarah.nobel-1@nasa.gov

Solicitation number: NNH16ZDA001N-PSTAR

PSTAR seeks science investigations designed to further planetary research in terrestrial extreme environments that may be analogous to those found on other planets, past or present. Of particular interest are investigations that increase our understanding of the limits of and constraints (or lack thereof) on life in extreme environments and lead to a better understanding of how to seek, identify, and characterize life and life-related chemistry that may exist or have existed on other solar system bodies. PSTAR seeks systems-level terrestrial field campaigns that are conducted with complete systems and in a manner that approximates operations during an actual planetary mission, providing an opportunity to understand the performance, capabilities, and efficiencies associated with the tested systems, while enabling human participants to gain operational experience with those systems in the field. PSTAR seeks the development and application of technologies that support science investigations, particularly those that enable remote searches for, and identification of, life and life-related chemistry in extreme environments (including lunar and planetary surfaces). The maximum duration of awards is 4 years.
ROSES 2016: Swift Guest Investigator – Cycle 13

National Aeronautics and Space Administration


Contact: Martin Still, 202/358-4462, martin.still@nasa.gov

Solicitation number: NNH16ZDA001N-SWIFT

This program solicits proposals for basic research relevant to the Swift gamma-ray burst mission. The primary goal of this mission is to determine the origin of gamma-ray bursts (GRBs) and use these bursts to probe the early universe. Swift is also a valuable asset for obtaining multiwavelength images, spectra, and light curves on interesting Targets of Opportunity (ToOs) and other nontransient sources. This Swift GI Program solicits proposals in the following areas: (1) New Swift projects not requiring GI-specified observatory pointing; (2) Correlative GRB observations involving new or enhanced IR ground-based capabilities for investigating high-redshift bursts, and other correlative GRB and non-GRB observations involving non-Swift instruments and observatories. (3) Theoretical investigations that will advance the Swift mission science return; (4) Non-GRB non-ToO observations that benefit from Swift’s unique capability of simultaneous multiwavelength coverage; (5) ToO observations which promise large scientific return and capitalize on Swift’s unique capabilities of rapid repointing and multiwavelength observations; (6) Large Programs requesting more than 100 targets or more than 100 ks total exposure time; (7) Fill-in targets to be observed in what would otherwise be gaps in the planned science timeline; and (8) Key Projects which aim at addressing major, high-impact scientific questions by making use of the strengths of Swift.

9/23/2016   Step-1 Proposal
11/4/2016    Step-2 Proposal

ROSES 2016: Heliophysics Grand Challenges Research

National Aeronautics and Space Administration

https://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={274049AC-9E2D-DD29-4FFC-81D51EAC03D}

Contact: Mona Kessel, 202/358-0064, mona.kessel@nasa.gov

Solicitation number: NNH16ZDA001N-HGCR

The goals of the program are specifically designed to support investigations of complex problems that fall within the general realm of Heliophysics and whose full resolution has remained elusive. Work on such problems has traditionally been carried out by independent research groups that employ observational, theoretical, and modeling-based approaches. Increasingly, major advances in the field are taking place as a result of the close interactions between observers, theorists, and modelers. Thus, a coherent attack on the most challenging broad problems requires the efforts of a synergistically interacting group of multidisciplinary teams led by a single Principal Investigator, so as to enable deep and transformative science. The maximum duration of awards is 3 years.

9/23/2016   Step-1 Proposal
11/4/2016    Step-2 Proposal

ROSES 2016: K2 Guest Observer- Cycle 5

National Aeronautics and Space Administration

https://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={D68A4380-B327-7C96-04CF-02B0FC940DBF}

Contact: Mario Perez, 202/358-1535, mario.perez@nasa.gov

Solicitation number: NNH16ZDA001N-K2GO5

This program element solicits proposals for the acquisition and analysis of new scientific data from the K2 mission (http://keplerscience.arc.nasa.gov). K2 repurposes the space-borne hardware and ground-based operations of the Kepler mission (http://keplerscience.arc.nasa.gov) for a pointed survey of predetermined locations along the ecliptic plane. The single, visible-wavelength instrument on board K2 provides high-precision photometry capability, with short cadence and long cadence modes (1 minute and 30 minute exposures, respectively), and provides a powerful tool for broadband variability analyses of planetary, stellar, extragalactic, and solar system sources. This solicitation is specifically for science utilizing data collected within K2 Campaigns 14, 15, and 16 observing fields, which are currently planned for execution around the periods (earliest start and latest possible end dates for each campaign); May 30 to August 28, 2017 (Campaign 14), August 21 to November 18, 2017 (Campaign 15), and November 20, 2017 to February 9, 2018 (Campaign 16). Campaign 14 will cover a low-density region towards Leo and somewhat near the North Galactic Cap. Campaign 15 is a denser field, somewhat close to the Galactic Plane/near the Galactic Center. Campaign 16 will be closer to the South Galactic Cap, covering a relatively low-density field. The maximum duration of awards is 1 year.
ROSES 2016: Airborne Instrument Technology Transition
National Aeronautics and Space Administration
https://nspires.nasa.gov/external/solicitations/summary.do?method=init&soldId={8DB9EC43-77CA-79AA-2B7F-B1EC7359C0D}
Contact: Barry Lefer, 202/358-3857, barry.lefer@nasa.gov
Solicitation number: NNH16ZDA001N-AITT
This announcement seeks to upgrade mature instruments developed under NASA’s Instrument Incubator Program (IIP Program element A.42), or by similar NASA or externally-supported (e.g., corporate, other Federal agency, internal institution funding) programs or activities. This opportunity provides for engineering activities leading to the integration of instruments to airborne platforms that will deploy them as part of organized airborne science campaigns which typically involve multiple instruments and/or platforms. The goal is to upgrade existing operating instruments to campaign-ready airborne configuration(s). No funding is available for research and development of new instrumentation. Management of the tasks selected in response to these Airborne Instrument Technology Transition calls is carried out in conjunction with the Earth Science Technology Office (ESTO), which has significant experience in management of technology-oriented tasks through programs such as the Instrument Incubator Program. The maximum duration of awards is 30 months.

ROSES 2016: Interdisciplinary Science
National Aeronautics and Space Administration
https://nspires.nasa.gov/external/solicitations/summary.do?method=init&soldId={E4A477E6-5A41-B75E-5DA8-61724BC35768}
Contact: Jake Kaye, 202/358-2559, Jack.A.Kaye@nasa.gov
Solicitation number: NNH16ZDA001N-IDS
Proposed research investigations will meet the following criteria: a) offer a fundamental advance to our understanding of the Earth system; b) be based on remote sensing data, especially satellite observations, but including suborbital sensors as appropriate; c) go beyond correlation of data sets and seek to understand the underlying causality of change through determination of the specific physical, chemical, and/or biological processes involved; d) be truly interdisciplinary in scope by involving traditionally disparate disciplines of the Earth sciences; and e) address at least one of the five specific themes listed this solicitation: (1) Understanding the Global Sources and Sinks of Methane; (2) Ecology at Land/Water Interfaces – Human and Environmental Interfaces; (3) Understanding the Linkages Among Fluvial and Solid Earth Hazards; (4) Life in a Moving Ocean; or (5) Partitioning of Carbon Between the Atmosphere and Biosphere. The results of these investigations will improve our capability for both prognostic predictions and retrospective simulations of the Earth system. They will also advance our understanding of the vulnerabilities in human and biogeophysical systems and their relationships to climate extremes, thresholds, and tipping points. Meeting these goals requires approaches that integrate the traditional disciplines of the Earth sciences, as well as innovative and complementary use of models and data. The maximum duration of awards is 3 years.

ROSES 2016: Ocean Salinity Science Team
National Aeronautics and Space Administration
https://nspires.nasa.gov/external/solicitations/summary.do?method=init&soldId={DF1A6633-5C80-BB3D-E5E1-E489D330A091}
Contact: Eric Lindstrom, 202/358-4540, eric.j.lindstrom@nasa.gov
Solicitation number: NNH16ZDA001N-OSST
The program supports basic research and analysis activities associated with production, improvement, and understanding of sea surface salinity data. The objective of this program element is to renew or select additional members for the OSST to support the salinity science within NASA’s Physical Oceanography Program. The overall goals of the OSST are to provide the scientific underpinning for production of the best possible satellite-derived ocean salinity data sets and to demonstrate the Earth science and applications arising from analyses of the ocean surface salinity data. The team assures that data made available are of the highest quality and validated for scientific exploitation. It also conducts ocean science investigations that are possible only through exploitation of remotely sensed sea surface salinity. The maximum duration of awards is 3 years.
ROSES 2016: Heliophysics Living With a Star Science

The goal of the program is to develop the scientific understanding needed for the U.S. to effectively address those aspects of Heliophysics science that may affect life and society. LWS Science solicits proposals for research that will lead to a physics-based understanding of the integral system linking the Sun to the Solar System, including the impact on the heliosphere, planetary magnetospheres, and ionospheres.

Jeff Morrill, 202/358-3744, jeff.s.morrill@nasa.gov

ROSES 2016: Sea Level Change Science Team

This solicitation calls for proposals to improve the accuracy and spatial resolution of sea level change estimates and communicate these results in a simplified manner to the scientific community and general public. It serves to continue the work of the NASA Sea Level Change Team initiated in 2014. It also serves as a mechanism for the U.S. to make a substantial contribution to the World Climate Research Program (WCRP) Grand Challenge on Regional Sea Level Change and Coastal Impacts. This program is intended to integrate research results, data sets, and model output to improve the accuracy and spatial resolution of sea level change estimates, and communicate these results in a simplified manner to the scientific community and the general public. It is focused on the following objectives. These objectives were chosen as areas critical to improved understanding of sea level change, but lacking adequate support: (1) Characterizing current changes in sea level: Global and regional sea level projections that extrapolate from satellite and contemporary observations; (2) Characterizing underlying processes and improving predictions of regional variations in sea level; (3) Improving knowledge of ice mass change that specifically improves estimates of current and future sea level rise; and (4) Integrating these results into better forecasts of sea level rise. The maximum duration of awards is 3 years.

Space Technology Research Institutes (STRI) - Limited Submission

The goal of an STRI is to strengthen NASA’s ties to the academic community through long-term, sustained investment in research and technology development critical to NASA’s future. The STRIs will enhance and broaden the capabilities of the Nation’s universities to meet the needs of NASA’s science and technology programs. These investments will also create, fortify, and nurture the talent base of highly skilled engineers, scientists, and technologists to improve America’s technological and economic competitiveness. The planned award duration is 5 years; the maximum annual award amount is $3M (total award amount may not exceed $15M). Up to two awards are anticipated.

NASA is soliciting STRIs in the two technology areas: (1) Bio-Manufacturing for Deep Space Exploration; (2) Computationally Accelerated Materials Development for Ultra High Strength Lightweight Structures

National Archives and Records Administration (NARA)
Access to Historical Records: Archival Projects

National Archives and Records Administration, National Historical Publications and Records Commission

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

Contact: Alexander Lorch, 202/357-5101, alexander.lorch@nara.gov

Solicitation number:

The National Historical Publications and Records Commission seeks projects that ensure online public discovery and use of historical records collections. All types of historical records are eligible, including documents, photographs, born-digital records, and analog audio and moving images. Projects may preserve and process historical records to: a) Create new online Finding Aids to collections; b) Digitize historical records collections and make them freely available online.

The NHPRC encourages organizations to actively engage the public in the work of the project. A grant is for one or two years and for up to $100k. Cost sharing is required. The applicant’s financial contribution may include both direct and indirect expenses, in-kind contributions, non-Federal third-party contributions, and any income earned directly by the project. Indirect costs must be listed under the applicant’s cost sharing contribution.

Public Engagement with Historical Records

National Archives and Records Administration


Contact: 202/357-5010, nhprc@nara.gov

Solicitation number:

The National Historical Publications and Records Commission seeks projects that encourage public engagement with historical records, including the development of new tools that enable people to engage online. The NHPRC is looking for projects that create models and technologies that other institutions can freely adopt. In general, collaborations among archivists, documentary editors, historians, educators, and/or community-based individuals are more likely to create a competitive proposal.

Projects might create and develop programs to engage people in the study and use of historical records for institutional, educational or personal reasons. For example, an applicant can: a) Enlist volunteer "citizen archivists" in projects to accelerate access to historical records, especially those online. This may include, but is not limited to, efforts to identify, tag, transcribe, annotate, or otherwise enhance digitized historical records. b) Develop educational programs for K-16 students or community members that encourage them to engage with historical records already in repositories or that are collected as part of the project.

A grant normally is for one to three years. The Commission expects to make up to three grants of between $50k and $150k.

National Endowment for the Arts (NEA)

9/12/2016  Full Application

Our Town - Limited Submission

National Endowment for the Arts

http://arts.gov/grants-organizations/our-town/introduction

Contact: OT@arts.gov

Solicitation number:

NEA provides a limited number of grants for creative placemaking projects that contribute towards the livability of communities and help transform them into lively, beautiful, and resilient places with the arts at their core. Our Town prioritizes partnerships between arts organizations and government, private, and nonprofit organizations to achieve livability goals for communities.

Our Town offers support for projects in two areas: (1) Arts Engagement, Cultural Planning, and Design Projects that represent the distinct character and quality of their communities; (2) Projects that Build Knowledge About Creative Placemaking. The maximum award is $200k, though very few grants will be awarded at this level. The minimum award is $25K. An organization may submit as a lead applicant two applications to Our Town: One application for an arts engagement, cultural planning, or design project. One application for a project that builds knowledge about creative placemaking. All grants require a nonfederal match of at least 1 to 1. These matching funds may be all cash or a combination of cash and in-kind contributions.

National Endowment for the Humanities (NEH)
**Humanities Connections**
National Endowment for the Humanities
Contact: 202/606-8500, humanitiesconnections@neh.gov

Solicitation number:

The grants seek to expand the role of the humanities in the undergraduate curriculum at two- and four-year institutions, offering students in all academic fields new opportunities to develop the intellectual skills and habits of mind that the humanities cultivate. Grant projects focus on connecting the resources and perspectives of the humanities to students’ broader educational and professional goals, regardless of their path of study. Through this new grant program, NEH invites proposals that reflect innovative and imaginative approaches to preparing students for their roles as engaged citizens and productive professionals in a rapidly changing and interdependent world. Grants support the development and implementation of an integrated set of courses and student engagement activities focusing on significant humanities content. A common topic, theme, or compelling issue or question must link the courses and activities. Grants of up to $100K will be awarded for a period of 18-36 months.

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**National Institutes of Health (NIH)**

Ongoing

**Evidence for Action: Investigator-Initiated Research to Build a Culture of Health**

National Institutes of Health
Contact: Erin Hagan, evidenceforaction@ucsf.edu

Solicitation number:

The program aims to provide individuals, organizations, communities, policymakers, and researchers with the empirical evidence needed to address the key determinants of health encompassed in the Culture of Health Action Framework. In addition, Evidence for Action will also support efforts to assess outcomes and set priorities for action. It will do this by encouraging and supporting creative, rigorous research on the impact of innovative programs, policies and partnerships on health and well-being, and on novel approaches to measuring health determinants and outcomes.

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8/17/2016 Application

**Laboratory and Diagnostic Tools to Advance Microbiome-Brain Research (R41)**

National Institutes of Health
Contact: Irina Sazonova, 301/827-9564, irina.sazonova@nih.gov

Solicitation number: RFA-DA-17-016

This FOA aims to support the development of novel analytical tools, technologies and research resources to study the microbiome, including its composition, genetics, and bioactivity. NCCIH is interested in the role of gut microbiota, and the potential for pre- and probiotics in modulating gut microbiota to prevent and treat a variety of diseases, and disorders including those that may be associated with the brain-gut axis (e.g., pain and anxiety). Novel assays (e.g., high dimensional methods, analytical and informatics tools) need to be developed and widely used to characterize and determine the bioactivity of, and interactions among prebiotics, probiotics and commensal microbiota. Tool-enabling discovery examining the range and complexity of bioactivity, and diversity among prebiotics and probiotics and gut-microbiota will advance research, and clinical application aimed at the diagnosis, treatment, and prevention of disease and disorders. Budgets up to $150,000 total costs per year may be requested.

This FOA runs in parallel with an FOA of identical scope, RFA-DA-17-017, that utilizes the R43/R44 Small Business Innovation Research (SBIR) Grant 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.

Food Specific Molecular Profiles and Biomarkers of Food and Nutrient Intake, and Dietary Exposure (R01)

National Institutes of Health


Contact: Padma Maruvada, 301/594-8888, padma.maruvada@nih.gov

Solicitation number: PAR-15-024

NIH and USDA-NIFA jointly support this FOA and encourage applications from well-qualified and experienced researchers, for addressing the specific gaps on food specific molecular signatures and biomarkers of food and nutrient intake, and dietary exposure over time. The FOA supports both animal and human studies as appropriate. Clinical studies that involve controlled feeding and short term bolus feeding studies involving limited human subjects are appropriate for this purpose. However, large interventional or observational clinical studies will not be supported through this FOA. Applicants may be able to take advantage of ongoing trials that may be able to accommodate some of the feeding studies as part of the larger trial or leverage an already available specimen resource, in responding to this FOA. In addition to supporting scientific research, both NIH and USDA hope to promote collaborative interaction among funded researchers through this effort. Awarded grantees from both agencies, in response to this FOA are required to plan and attend 2-3 workshops during the funded period. Research approaches of interest for this FOA include but are not limited to: (1) Identification and validation of food and nutrient specific metabolic signatures that correlate with nutrient quality and efficacy and nutrient consumption, (2) Identification and validation of molecular signatures of dietary consumption of nutrients over time, including commonly used nutrient supplements, and energy supplements or beverages, (3) Studies that explore the interaction/competition between various nutrients including natural products for their absorption, transport, metabolism and elimination, (4) Studies that explore the interaction/competition between various nutrients and drugs for their absorption, transport, metabolism and elimination, dose response, bioavailability, toxicity, and ADME profiles, (5) Studies that explore natural products/nutrients, microbiota interactions with host physiology and metabolism. The maximum project period is 5 years.
Natural History Studies for Rare Disease Product Development: Orphan Products Research Project Grant (R01)
National Institutes of Health


Contact: Katherine Needleman, 301/796-8660, katherine.needleman@fda.hhs.gov

Solicitation number: RFA-FD-16-043

The objective of this FOA is to support studies that advance rare disease medical product development through characterization of the natural history of rare diseases/conditions, identification of genotypic and phenotypic subpopulations, and development and/or validation of clinical outcome measures, biomarkers and/or companion diagnostics. The ultimate goal of these natural history studies is to support clinical development of products for use in rare diseases or conditions where no current therapy exists or where the proposed product will be superior to the existing therapy. FDA provides grants for natural history studies that will either assist or substantially contribute to market approval of these products. Applicants must include in the application's Background and Significance section documentation to support that the estimated prevalence of the orphan disease or condition in the United States (US) is less than 200,000 (or in the case of a vaccine or diagnostic, information to support that the product will be administered to fewer than 200,000 people in the US per year), and an explanation of how the proposed study will either help support product approval or provide essential data needed for product development. It is anticipated that up to five (5) awards will be made, not to exceed $400K in total costs (direct plus indirect), per award, per fiscal year.

NIH Pioneer Award Program (DP1)
National Institutes of Health


Contact: Ravi Basavappa, 301/435-7204, PioneerAwards@mail.nih.gov

Solicitation number: RFA-RM-16-005

The NIH Pioneer Award initiative complements NIH’s traditional, investigator-initiated grant programs by supporting individual scientists of exceptional creativity who propose pioneering and possibly transforming approaches to addressing major biomedical or behavioral challenges that have the potential to produce an unusually high impact on a broad area of biomedical or behavioral research. To be considered pioneering, the proposed research must reflect substantially different scientific directions from those already being pursued in the investigator’s research program or elsewhere. Awards will be for $700K in direct costs each year for a maximum of five years, plus applicable Facilities and Administrative costs to be determined at the time of award.

Partnerships for Countermeasures Against Select Pathogens (R01)
National Institutes of Health


Contact: Michael Schaefer, 240/627-3364, mschaefer@niaid.nih.gov

Solicitation number: RFA-AI-16-034

The purpose of this FOA is to solicit research applications for milestone-driven projects focused on preclinical development of lead candidate countermeasures (therapeutics, vaccines and related technologies, or diagnostics) against select NIAID Emerging Infectious Diseases/Pathogens. Applications must include a Product Development Strategy attachment and demonstrate substantive investment by at least one industrial participant. Budgets for direct costs of up to $750K per year may be requested. Applicants may also request up to an additional $300K in the first year of the award for major equipment to ensure that research objectives can be met and biohazards can be contained, totaling $1.05M direct costs.
NIDDK Research Education Program Grants for Summer Research Experiences (R25) -- AIDS

National Institutes of Health

https://researchfunding.duke.edu/niddk-research-education-program-grants-summer-research-experiences-r25-aids

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

Solicitation number: PAR-15-140

This program supports research education activities in the mission areas of the NIH. The over-arching goal of this NIDDK Research Education R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation’s biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities that propose summer research experiences in the research areas relevant to the NIDDK. Budgets for direct costs of up to $100K per year and a project duration of up to five years may be requested for a maximum of $500K direct costs over a five-year project period.

Ethical, Legal and Policy Issues in HIV Research with Key Populations (R01, R21)

National Institutes of Health


Contact:

Solicitation number: PAR-15-328

This Funding Opportunity Announcement (FOA) encourages applications to analyze and address ethical, legal, or policy challenges specific to work with key populations in HIV research or health care.

Proposed projects should be focused on ethical, legal or policy challenges in relation to research studies or program implementation for HIV or associated co-morbidities, affecting one or more of the following key populations: (1) men who have sex with men; (2) people who inject drugs; (3) people in prisons and other closed settings; (4) sex workers; (5) transgender people or (6) adolescent girls and young women at high risk of HIV acquisition or who are living with HIV. This FOA encourages both empirical and conceptual research projects addressing these topics.

Early Stage Development of Technologies in Biomedical Computing, Informatics, and Big Data Science (R01) -- AIDS

National Institutes of Health


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

Solicitation number: PA-14-155

The NIH is interested in promoting a broad base of research and development of technologies in biomedical computing, informatics, and Big Data Science that will support rapid progress in areas of scientific opportunity in biomedical research. It is expected that this research and development is conducted in the context of important biomedical and behavioral research problems. As such, applications are intended to develop enabling technologies that could apply to the interests of most NIH Institutes and Centers and range from basic biomedicine and including research to all relevant organ systems and diseases. Major themes of research include collaborative environments; data integration; analysis and modeling methodologies; and novel computer science and statistical approaches. New opportunities are also emerging as large and complex data sets are becoming increasingly available to the research community. This initiative aims to address biomedical research areas in biomedical computing, informatics, and Big Data science through the early stage development of new software, tools and related resources, as well as the fundamental research (e.g., methodologies and approaches) leading up to that development. Acceptable budgets are not to exceed $300k direct costs per year. The project period is limited to three years.
This FOA encourages research projects with the potential to develop networks of aging using lifespan as the observable phenotype. In addition to constructing aging networks, two further important goals of this FOA are: 1. Determining what properties of an aging network change across the lifespan; 2. Using aging networks to generate and test hypotheses about fundamental questions in the biology of aging that are more likely to be answered using systems biology than by single-gene approaches. Research proposed in applications responding to this FOA will utilize either the single-cell organism Saccharomyces cerevisiae or the multicellular organism Caenorhabditis elegans, both of which have been used extensively for genetic and molecular studies on aging. Application budgets are limited to a maximum of $600K per year direct costs over a period of 5 years.

The NIH Director’s New Innovator (DP2) Award initiative supports a small number of early stage investigators of exceptional creativity who propose bold and highly innovative new research approaches that have the potential to produce a major impact on broad, important problems in biomedical and behavioral research. The New Innovator Award initiative complements ongoing efforts by NIH and its Institutes and Centers to fund early stage investigators through R01 grants, which continue to be the major sources of NIH support for early stage investigators.

This FOA establishes an accelerated review/award process to support time-sensitive research to evaluate a new policy or program that is likely 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. For these reasons, applications in response to this time-sensitive FOA are not eligible for resubmission. It is intended that eligible applications selected for funding will be awarded within 4 months of the application due date. However, administrative requirements and other unforeseen circumstances may delay issuance dates beyond that timeline. The maximum project period is 5 years. Letters of intent are due 30 days prior to the application receipt date.
Countermeasures Against Chemical Threats (CounterACT) Cooperative Research Projects (U01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-16-128
The mission of this program is to develop new and improved therapeutics to treat and/or prevent injuries resulting from exposure to chemical threats. Chemical threats are toxic chemicals that could be used in a terrorist attack or accidentally released from industrial production, storage or shipping. They include traditional chemical warfare agents and toxic industrial chemicals and materials. This FOA requests research applications seeking support for research on the optimization of small molecule or biologic compounds that are excellent candidates for therapeutic development. A previously identified lead compound is required to be eligible for this funding opportunity. In this regard, lead compounds are defined as biologically active compounds or hits where affinity, potency, target selectivity, and preliminary safety have been established. The scope of research supported by this FOA includes development of appropriate human-relevant animal models and generation of in vivo efficacy data consistent with the intended use of the product in humans. It also includes bioanalytical assay development and validation, laboratory-scale and scale-up manufacturing of the product, and non-GLP toxicity and pharmacology studies. The expected direct cost for individual awards is $300K-$500K per year for five years. This FOA runs in parallel with three FOAs of identical scopes; PAR-15-315, PAR-15-146, and PAR-16-129; that utilize the R21 Exploratory/Developmental Grant, the U54 Specialized Center- Cooperative Agreements, and the U01 Research Project – Cooperative Agreement mechanisms, respectively.

Pre-application: Stimulating Peripheral Activity to Relieve Conditions (SPARC): Comprehensive Functional Mappin
National Institutes of Health
Contact:
Solicitation number: RFA-RM-15-003
The purpose of this FOA is to invite pre-applications from applicants who have an interest in ultimately submitting an application to "Stimulating Peripheral Activity to Relieve Conditions (SPARC): Comprehensive Functional Mapping of Neuroanatomy and Neurobiology of Organs (OT2)" (RFA-RM-15-018). The OT1 SPARC OT pre-application is the required first step in the application process for the companion OT2 FOA (RFA-RM-15-018). Potential applicants should read both FOAs.

Applicants whose OT1 pre-applications are found to be meritorious and programmatically relevant will be invited to submit a full application to the OT2 "Stimulating Peripheral Activity to Relieve Conditions (SPARC): Comprehensive Functional Mapping of Neuroanatomy and Neurobiology of Organs" FOA (RFA-RM-15-018). There will be substantial interaction with NIH Program Staff leading to the development of programmatic and budget elements for an acceptable OT2 application. OT2 applications must include a copy of the Invitation to Submit from the SPARC program as a requirement for submission. The Invitation to Submit an OT2 application is not an indication of any award.

Revolutionizing Innovative, Visionary Environmental health Research (RIVER) (R35)
National Institutes of Health
Contact:
Solicitation number: RFA-ES-16-008
The NIEHS Revolutionizing Innovative, Visionary Environmental health Research (RIVER) program seeks to provide support for the majority of the independent research program for outstanding investigators in the Environmental Health Sciences, giving them intellectual and administrative freedom, as well as sustained support to pursue their research in novel directions in order to achieve greater impacts. The program seeks to identify individuals, regardless of career stage, with a track record of innovative and impactful research and combine their existing investigator-initiated research into a single seven year award with direct costs of up to $750,000 based on current NIEHS funding.
Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grant (Parent T32)

National Institutes of Health

http://grants.nih.gov/grants/guide/pa-files/PA-16-152.html

Contact: PA-16-152

Solicitation number: PA-16-152

The National Institutes of Health (NIH) will award Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants (T32) to eligible, domestic institutions to enhance predoctoral and postdoctoral research training, including short-term research training, and help ensure that a diverse and highly trained workforce is available to meet the needs of the Nation’s biomedical, behavioral, and clinical research agenda. Research training programs will incorporate didactic, research, and career development elements to prepare individuals for careers that will have a significant impact on the health-related research needs of the Nation. Programs proposing only short-term research training should not apply to this announcement, but rather to the Kirschstein-NRSA Short-Term Institutional Research Training Grant Program (T35) exclusively reserved for predoctoral, short-term research training (see PA-16-151).

National Research Service Award (NRSA) Institutional Research Training Grant (T32)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-14-015

This FOA will award eligible, domestic institutions to enhance predoctoral and postdoctoral research training, including short-term research training, and help ensure that a diverse and highly trained workforce is available to meet the needs of the Nation’s biomedical, behavioral, and clinical research agenda. Research training programs will incorporate didactic, research, and career development components to prepare individuals for careers that will have a significant impact on the health-related research needs of the Nation. Programs proposing only short-term research training should not apply to this announcement, but rather to the Kirschstein-NRSA Short-Term Institutional Research Training Grant Program (T35) exclusively reserved for predoctoral, short-term research training (see PA-14-016).

NIDDK Research Education Program Grants for Summer Research Experiences (R25)

National Institutes of Health


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

Solicitation number: PAR-15-140

This program supports research education activities in the mission areas of the NIH. The over-arching goal of this NIDDK Research Education R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation’s biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities that propose summer research experiences in the research areas relevant to the NIDDK. The maximum award per year is $100K for up to five years.
**NIDDK Research Education Program Grants for Courses for Skills Development (R25)**

National Institutes of Health


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

Solicitation number: PAR-15-139

The over-arching goals of the NIH R25 program are to: (1) complement and/or enhance the training of a workforce to meet the nation’s biomedical, behavioral and clinical research needs; (2) enhance the diversity of the biomedical, behavioral and clinical research workforce; (3) help recruit individuals with specific specialty or disciplinary backgrounds to research careers in biomedical, behavioral and clinical sciences; and (4) foster a better understanding of biomedical, behavioral and clinical research and its implications. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on courses for skills development. For example, advanced courses, workshops, symposia or seminar series in a discipline or research area relevant to NIDDK mission interests. Budgets for direct costs of up to $100K per year for a maximum period of five years may be requested.

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**Alcohol Education Project Grants (R25)**

National Institutes of Health


Contact: Peggy Murray, 301/443-2594, pmurray@mail.nih.gov

Solicitation number: PAR-15-054

The program supports research educational activities that complement other formal training programs in the mission areas of the NIH Institutes and Centers. The over-arching goals of the NIH R25 program are to: (1) complement and/or enhance the training of a workforce to meet the nation’s biomedical, behavioral and clinical research needs. (2) enhance the diversity of the biomedical, behavioral and clinical research workforce; (3) help recruit individuals with specific specialty or disciplinary backgrounds to research careers in biomedical, behavioral and clinical sciences; and (4) foster a better understanding of biomedical, behavioral and clinical research and its implications. The over-arching goal of this NIAAA R25 program is to support educational activities that foster a better understanding of biomedical, behavioral and clinical research and its implications in alcohol abuse and alcoholism and HIV/AIDS. Direct costs are limited to $250,000 per year. Indirect costs will be paid at 8% of modified direct costs. The maximum project period is 2 years.

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**Bridges to the Doctorate (R25) - Limited Submission**

National Institutes of Health


Contact: Jessica Faupel-Badger, 301/594-3900, Jessica.FaupelBadger@nih.gov

Solicitation number: PAR-16-109

The over-arching goal of this NIGMS R25 program is to support educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Courses for Skills Development and Research Experiences.

This program is intended to provide these activities to master’s level students to increase transition to and completion of PhDs in biomedical sciences. This program requires partnerships between master’s degree-granting institutions with doctorate degree-granting institutions. Applicants should directly address how the set of activities will complement and/or enhance the training of a diverse workforce that also meets the nation’s biomedical and clinical research needs by discussing 1) the rationale underlying the balance of effort and resources dedicated to each activity; 2) how the activities integrate; and 3) objective indicators that can measure the effectiveness of the program. A program application must include each activity, and describe how they will be synergized to make a comprehensive program. Additionally, recruitment and retention plans are expected as part of the application. Application budgets are limited to $300K direct costs per year.
Epidemiology of Drug Abuse (R01)
National Institutes of Health, National Institute on Drug Abuse (NIDA)
Contact: Marsha Lopez, 301/443-6504, lopezmar@nida.nih.gov
Solicitation number: PA-11-230
This FOA is intended to support research projects to enhance our understanding of the nature, extent, distribution, etiology, comorbidities, and consequences of drug use, abuse, and addiction across individuals, families, communities, and diverse population groups. This FOA strongly encourages applications that reflect the breadth of epidemiology research by addressing multiple levels of risk, resilience, and causation across scientific disciplines; by applying novel methods to advance knowledge of the interplay among genetic, environmental, and developmental factors and between social environments and associated health and disease outcomes; and by building on the research investments of NIH and sister HHS agencies to harness existing data on the epidemiology and etiology of drug abuse to improve public health prevention and treatment programs. This FOA runs in parallel with FOAs of identical scientific scope, PA-15-001 and PA-15-002, that encourage applications under the R21 and R03 mechanism, respectively.

Spatial Uncertainty Data, Modeling, and Communication (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-15-010
The purpose of this FOA is to support innovative research that identifies sources of spatial uncertainty (i.e., inaccuracy or instability of spatial or geographic information) in public health data, incorporates the inaccuracy or instability into statistical methods, and develops novel tools to visualize the nature and consequences of spatial uncertainty. This FOA runs in parallel with FOAs of identical scientific scope, PA-15-009, that encourages applications under the R21 mechanism, and PA-15-011, that encourages applications under the R03 mechanism.

International Research Collaboration on Drug Abuse and Addiction Research (R01)
National Institutes of Health, National Institute on Drug Abuse (NIDA)
Contact: Steven Gust, 301/443-6480, ipdirector@nida.nih.gov
Solicitation number: PA-15-142
This FOA encourages collaborative research applications on drug abuse and addiction that take advantage of special opportunities that exist outside the U.S. Special opportunities include access to unusual talent, resources, populations, or environmental conditions in other countries that will speed scientific discovery. This year the scientific priorities include: linkages between HIV/AIDS and drug abuse, and prevention, initiation, and treatment of nicotine and tobacco use (especially among vulnerable populations such as children, adolescents, pregnant women, and those with co-morbid disorders). The maximum project period is 5 years.

Research to Action - Assessing and Addressing Community Exposures to Environmental Contaminants (R01)
National Institutes of Health, National Institute of Environmental Health Sciences (NIEHS), National Institute of Nursing Research
Contact: Symma Finn, 919/541-4258, finns@niehs.nih.gov
Solicitation number: PA-16-083
This FOA encourages applications using community-engaged research methods to investigate the potential health risks of environmental exposures of concern to the community and to implement an environmental public health action plan based on research findings. The overall goal is to support changes to prevent or reduce exposure to harmful environmental exposures and improve the health of a community. The maximum project period is five years.
Advances in Polycystic Kidney Disease (R01)
National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
https://grants.nih.gov/grants/guide/pa-files/PA-16-159.html
Contact: Rebekah Rasooly, 301/594-6007, rebekah.rasooly@nih.gov
Solicitation number: PA-16-159
The intent of this FOA is to encourage applications from investigators with diverse scientific interests, who wish to apply their expertise into basic and applied research to enhance the understanding of the etiology and pathogenesis of both ADPKD and ARPKD; the genetic determinants and cellular and molecular mechanisms which disrupt normal kidney function; the mechanisms of cyst formation and growth at the cellular and molecular levels; the development of experimental model systems; the development of innovative regenerative approaches; the enhancement of imaging methods or other biomarkers to assess cyst growth and disease progression; and research studies aimed at the identification of therapeutic opportunities and gene targeted strategies to prevent progressive chronic kidney disease due to this disorder. The maximum project period is five years.

Obesity Policy Evaluation Research (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-16-165
Obesity is a major contributor to many serious health conditions that increase morbidity and mortality and reduce quality of life. The prevalence of obesity in children and adults in the United States has dramatically increased in the past four decades. Nationally there is an imperative to take action at local, state and federal levels, especially related to obesity in children. While helping people achieve and maintain a healthy weight is a critical public health goal, relatively little is known about the effectiveness of large scale policies and programs that could help achieve this goal at the population level, or any differential effects on sub-populations. Institute Specific Interests include: 1) NIDDK is particularly interested in the evaluation of large scale weight related programs or policy that are targeted to obesity and/or diabetes prevention; 2) NHLBI is especially interested in research on programs and policies that target cardiovascular disease risk factors such as obesity, diabetes, and adverse health behaviors (physical inactivity, poor dietary behaviors, sleep disorders); 3) NICHD is interested in applications that propose to evaluate the impact of weight related policies or programs on children, families, pregnant women, or children with disabilities; 4) NCI is particularly interested in the evaluation of programs or policies that may affect dietary or physical activity behavior and/or weight, and studies incorporating economic research; and 5) NIA is especially interested in research on programs and policies affecting sedentary behavior and physical activity among older adults, including programs and policies based on research in behavioral economics. The maximum project period is five years.

Bioengineering Research Grants (BRG) (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-16-242
The purpose of this FOA is to encourage collaborations between the life and physical sciences that: 1) apply a multidisciplinary bioengineering approach to the solution of a biomedical problem; and 2) integrate, optimize, validate, translate or otherwise accelerate the adoption of promising tools, methods and techniques for a specific research or clinical problem in basic, translational, or clinical science and practice. An application may propose design-directed, developmental, discovery-driven, or hypothesis-driven research and is appropriate for small teams applying an integrative approach that can increase our understanding of and solve problems in biological, clinical or translational science. Application budgets are not limited but need to reflect actual needs of the proposed project. The maximum award period is 5 years depending on the NIH Institutes and Centers.
Spatial Uncertainty - Data, Modeling, and Communication (R01)

National Institutes of Health, Cross-Institute


Contact: Li Zhu, 240/276-6851, li.zhu@nih.gov

Solicitation number: PA-15-010

The purpose of this FOA is to support innovative research that identifies sources of spatial uncertainty (i.e., inaccuracy or instability of spatial or geographic information) in public health data, incorporates the inaccuracy or instability into statistical methods, and develops novel tools to visualize the nature and consequences of spatial uncertainty. It will require a team of epidemiologists, statisticians, and experts in data visualization or health communication to attack the spatial uncertainty issue thoroughly. This FOA will facilitate multidisciplinary collaborations among scientists to promote research in identifying, quantifying, reducing, and communicating spatial uncertainty in health research to improve disease control and prevention. It will also facilitate integration of data collection, information technology, visualization tools, statistical models, and health communication to reduce spatial uncertainty in planning, implementing and evaluating disease control programs. The maximum period is 5 years.

This FOA runs in parallel with FOAs of identical scientific scope, PA-15-009 and PA-15-011, that utilize the R21 Exploratory/Developmental Grant and R03 Small Grant Program mechanisms, respectively.

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

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


Contact: Varies with research interest

Solicitation number: PA-14-177

This FOA seeks to encourage applications that employ innovative research to identify mechanisms of influence and/or promote positive sustainable health behavior(s) in children and youth (birth to age 21). Applications to promote positive health behavior(s) should target social and cultural factors, including, but not limited to: schools, families, communities, population, food industry, age-appropriate learning tools and games, social media, social networking, technology and mass media. Topics to be addressed in this announcement include: effective, sustainable processes for influencing young people to make healthy behavior choices; identification of the appropriate stage of influence for learning sustainable lifelong health behaviors; the role of technology and new media in promoting healthy behavior; identification of factors that support healthy behavior development in vulnerable populations; identification of barriers to healthy behaviors; and, identification of mechanisms and mediators that are common to the development of a range of habitual health behaviors. Given the many factors involved in developing sustainable health behaviors, applications from multidisciplinary teams are strongly encouraged. The ultimate goal of this FOA is to promote research that identifies and enhances processes that promote sustainable positive behavior or changes social and cultural norms that influence health and future health behaviors. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-14-176, that utilizes the R21 Exploratory/Developmental Grant mechanism.
Diabetes and Cardiovascular Disease in Older Adults (R01)

National Institutes of Health


Contact: Susan Zieman, 301/496-6761, Susan.Zieman@nih.gov

Solicitation number: PA-15-037

This FOA invites applications that propose basic, clinical, and epidemiological outcomes research on the impact of age on the development of, diagnosis, and management of diabetes and cardiovascular disease (CVD) complications in older persons or animal models. Research may focus on, but is not limited to 1) the epidemiology of increasing incidence and prevalence of DM with advancing age, particularly regarding potential racial-ethnic disparities, 2) the elucidation of age-related mechanisms predisposing older adults to diabetes and resultant CVD, 3) understanding the role of aging in increased incidence and severity of CVD outcomes in older diabetics, and 4) determining age-specific prevention, screening, diagnostic, and management strategies of DM in older persons and its CVD complications. Research supported by this initiative is expected to elucidate the role of aging mechanisms that underlie the increased vulnerability of older adults to DM and its CVD complications and to provide evidence-based guidance to improve more appropriate diagnostic criteria, risk stratification, and intervention recommendations to prevent the onset, or improve short- and long-term outcomes, of DM and CVD in older persons. The maximum project period is 5 years.

This FOA runs in parallel with two FOAs of identical scope, PA-15-039 and PA-15-038, that utilize the R03 Small Grant Program R21 Exploratory/Developmental Grant mechanisms, respectively.

Personalized Strategies to Manage Symptoms of Chronic Illness (R01)

National Institutes of Health

Personalized Strategies to Manage Symptoms of Chronic Illness (R01)

Contact: Martha Matocha, 301/594-2775, matocham@mail.nih.gov

Solicitation number: PA-16-007

The purpose of this initiative is to encourage interdisciplinary research to decrease symptom burden and enhance health-related quality of life (HRQL) in persons with chronic illness through a) increasing knowledge of the biological mechanisms of symptoms and b) promoting innovative, cost-effective, targeted interventions to prevent, manage or ameliorate these symptoms.

This FOA runs in parallel with two FOAs of identical scope, PA-16-006 and PA-16-008, that utilize the R15 Academic Research Enhancement Award (AREA) mechanism and Exploratory/Developmental Grant mechanism, respectively.

Advancing Understanding, Prevention, and Management of Infections Transmitted from Women to their Infants (R

National Institutes of Health


Contact: Nahida Chakhtoura, 301/435-6872, nahida.chakhtoura@nih.gov

Solicitation number: PA-16-032

The purpose of this FOA is to stimulate investigations including translational, epidemiologic and clinical studies that improve the understanding, prevention and clinical outcomes of non-HIV infections transmitted from women to their offspring during pregnancy, labor/delivery, and breastfeeding. To improve the health and well-being of mothers, their infants, and families and cause a reduction in perinatal morbidity associated with infections, NICHD will support scientific research to increase the understanding of infectious diseases transmitted from mother to child. Application budgets are not limited but need to reflect the actual needs of the proposed project.

This FOA runs in parallel with a FOA of identical scope, PA-16-031, that utilizes the R21 Exploratory/Developmental Grant mechanism.
Education and Health: New Frontiers (R01)

National Institutes of Health


Contact: Michael Spittel, 301/451-4286, spittelm@mail.nih.gov

Solicitation number: PAR-16-080

The goal of this is to support research that will further elucidate the pathways involved in the relationship between education and health outcomes and in doing so to carefully identify the specific aspects and qualities of education that are responsible for this relationship and what the mediating factors are that affect the nature of the causal relationship. The maximum project period is 5 years.

This FOA runs in parallel with two FOAs of identical scope, PAR-16-078 and PAR-16-079, that utilize the R21 Exploratory/Developmental Grant and R03 Small Grant Program mechanisms, respectively.

10/5/2016 Application

Oocyte Mitochondrial Function in Relation to Fertility, Aging, and Mitochondrial Diseases (R01)

National Institutes of Health


Contact: Ravi Ravindranath, 301/435-6889, ravindrn@mail.nih.gov

Solicitation number: PA-16-088

The purpose of this FOA is to encourage applications from the scientific community to support outstanding research in the area of oocyte mitochondrial function in relation to fertility, aging, and mitochondrial disease transmission to offspring. The overarching goal is to gain fundamental insight into the role of mitochondria and long-term consequences of their dysfunction in the oocyte, and to develop therapeutic or alternative approaches to treat mitochondrial dysfunction for improving oocyte quality and competency, and health of the resultant offspring. It is anticipated that the results from studies supported by this FOA will provide women, suffering from infertility or subfertility and other illnesses due to mitochondrial dysfunction, practical approaches to enhance their fertility and the well-being of their offspring. The maximum period is 5 years.

10/5/2016 Application

Methodology and Measurement in the Behavioral and Social Sciences (R01)

National Institutes of Health


Contact: Deborah Hyman-Young, 301/451-0724, deborah.young-hyman@nih.gov

Solicitation number: PAR-16-260

The purpose of this FOA is to invite qualified researchers to submit grant applications aimed at improving and developing methodology in the behavioral and social sciences through innovations in research design, measurement, data collection and data analysis techniques. The participating NIH Institutes and Centers (ICs) encourage research that will improve the quality and scientific power of behavioral and social science data relevant to the IC missions. Applicants are encouraged but not required to address methodologic issues related to: interdisciplinary, multimethod, and multilevel approaches in behavioral and social science research, including broadly applicable approaches that foster integration with biomedical, physical, or computational science research or engineering; Integrating, mining and modeling behavioral and social science data in combination with genetic, epigenetic, biomarker and imaging data; research in diverse populations that are distinctive by virtue of demographics, cultural or linguistic characteristics, sexual orientation or gender identity, health system, mental or physical abilities, underrepresentation in research or other factors, where the outcome would have a significant impact on improving health in that population; the study of sensitive health-related behaviors in the context of healthcare, the social environment, and local/state/national policies; and ethics in research, such as informed consent, enrollment of minors including assent, assessment of risk and benefit, selection and retention of participants, privacy and confidentiality. The maximum project period is 5 years.
NIH Director's Transformative Research Awards (R01)

National Institutes of Health
Contact: Ravi Basavappa, 301/435-7204, Transformative_Awards@mail.nih.gov
Solicitation number: RFA-RM-16-007
The awards complement NIH’s traditional, investigator-initiated grant programs by supporting individual scientists or groups of scientists proposing groundbreaking, exceptionally innovative, original and/or unconventional research with the potential to create new scientific paradigms, establish entirely new and improved clinical approaches, or develop transformative technologies. Little or no preliminary data are expected. Projects must clearly demonstrate the potential to produce a major impact in a broad area of biomedical or behavioral research. The maximum project period is five years.

Improving Smoking Cessation in Socioeconomically Disadvantaged Populations via Scalable Interventions (R01)

National Institutes of Health
Contact: Yvonne Hunt, 240/276-6975, huntym@mail.nih.gov
Solicitation number: PAR-16-202
The purpose of this FOA is to provide support for highly innovative and promising intervention research designed to improve smoking cessation outcomes among socioeconomically disadvantaged populations. Specifically, this FOA is intended to stimulate research efforts aimed at the development of smoking cessation interventions that: 1) are targeted to socioeconomically disadvantaged populations, and 2) could be made scalable for broad population impact. Applicants may propose projects that develop and test novel cessation interventions with the potential to be scaled up, as well as projects that focus on enhancing the effectiveness, quality, accessibility, utilization, and cost-effectiveness of currently scaled smoking cessation interventions. This FOA provides funding for up to 5 years for research planning, intervention delivery, and follow-up activities.

Innovative Approaches to Studying Cancer Communication in the New Media Environment (R01)

National Institutes of Health
Contact: Kelly Blake, 240/281-5934, kelly.blake@nih.gov
Solicitation number: PAR-16-249
This FOA invites applications that seek to apply one or more innovative methodologies in communication research across the cancer control continuum, from prevention, early detection, diagnosis, treatment, and survivorship, to end of life. Applications to this FOA should utilize one or more of the following analytic approaches, methods, and data sources, including but not limited to social media data mining, Natural Language Processing (NLP) techniques, online social network analysis, crowdsourcing research tools (e.g., mTurk), online search data, Ecological Momentary Assessment, neuroscience and biobehavioral approaches to communication, and geographic information systems. Studies should assess outcomes related to cancer prevention and control (e.g., knowledge, attitudes, beliefs, perceived risk, decision making in screening and treatment, information inequalities, social support, shared decision making, persuasion, caregiving, behavioral intentions, preventive behaviors, and policy support, among others). This FOA runs in parallel with an FOA of identical scope, PAR-16-248, that utilizes the R21 Exploratory/Developmental Grant mechanism.
Mentored Quantitative Research Development Award (Parent K25)

National Institutes of Health


Contact:

Solicitation number: PA-16-194

The purpose of the Mentored Quantitative Research Career Development Award (K25) is to attract to NIH-relevant research those investigators whose quantitative science and engineering research has thus far not been focused primarily on questions of health and disease. The K25 award will provide support and "protected time" for a period of supervised study and research for productive professionals with quantitative (e.g., mathematics, statistics, economics, computer science, imaging science, informatics, physics, chemistry) and engineering backgrounds to integrate their expertise with NIH-relevant research.

NINDS Faculty Development Award to Promote Diversity in Neuroscience Research (K01)

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


Contact: Michelle Jones-London, 301/451-7966, jonesmiche@ninds.nih.gov

Solicitation number: PAR-16-219

The purpose of this award is to diversify the pool of independent neuroscience research investigators and to enhance the opportunity to obtain independent NIH or other independent research support by providing junior faculty with research cost support, protected research time and career stage appropriate professional development mentorship in neuroscience research. Individuals from backgrounds underrepresented in biomedical research are eligible for support under this award if they have doctoral research degrees (Ph.D. or equivalent) and are in the first 3 years of a faculty tenure track or equivalent position at the time of award. Prior to preparing an application, individuals are strongly encouraged to contact the program officials to discuss their training and career development needs. The total project period may not exceed three years. NIH will contribute up to $85K per year toward the salary and up to $100K per year toward the research development costs of the award recipient.
NLM Career Development Award in Biomedical Informatics and Data Science (K01)

National Institutes of Health, National Library of Medicine (NLM)


Contact: Varies with research interest

Solicitation number: PAR-16-204

The overall goal of the program is to help ensure that a diverse pool of highly trained scientists is available in appropriate scientific disciplines to address the Nation's biomedical, behavioral, and clinical research needs. The objective of this award is to provide salary and research support for a sustained period of “protected time” (3 years) for intensive research career development under the guidance of an experienced mentor, or sponsor, in the biomedical, behavioral or clinical sciences leading to research independence. The expectation is that, through this sustained period of research career development and training, awardees will launch independent research careers and become competitive for new research project grant (e.g., R01) funding. The National Library of Medicine (NLM) Career Development Award in Biomedical Informatics (K01) is intended to provide support for promising junior investigators as they launch their research careers in biomedical informatics research and data science. NLM supports research career development in healthcare/clinical informatics, translational bioinformatics, clinical research informatics and public health informatics. The total project period may not exceed 3 years.

NIH Pathway to Independence Award (Parent K99/R00)

National Institutes of Health


Contact: Varies with research intent

Solicitation number: PA-16-193

The purpose of this award program is to increase and maintain a strong cohort of new and talented, NIH-supported, independent investigators. This program is designed to facilitate a timely transition of outstanding postdoctoral researchers with a research and/or clinical doctorate degree from mentored, postdoctoral research positions to independent, tenure-track or equivalent faculty positions. The program will provide independent NIH research support during this transition in order to help awardees to launch competitive, independent research careers. Prospective candidates are encouraged to contact the relevant NIH staff for IC-specific programmatic and budgetary information. The total project period may not exceed 5 years.

NIH Small Research Grant Program (Parent R03)

National Institutes of Health, Cross-Institute


Contact: 301/435-0714, GrantsInfo@nih.gov

Solicitation number: PA-16-162

This funding opportunity supports small research projects that can be carried out in a short period of time with limited resources. Examples of the types of projects that participating NIH Institutes and Centers (ICs) support with the R03 activity code include, but are not limited to, the following: 1) Pilot or feasibility studies; 2) Secondary analysis of existing data; 3) Small, self-contained research projects; 4) Development of research methodology; and 5) Development of new research technology. R03 grant applications are not expected to have the same level of detail or extensive discussion found in an R01 application. Accordingly, reviewers should evaluate the conceptual framework and general approach to the problem, placing less emphasis on methodological details and certain indicators traditionally used in evaluating the scientific merit of R01 applications including supportive preliminary data. Appropriate justification for the proposed work can be provided through literature citations, data from other sources, or from investigator-generated data. Preliminary data are not required, particularly in applications proposing pilot or feasibility studies. Applicants are encouraged to consult the IC Contacts and Special Interests website to determine if an investigator-initiated R03 application is appropriate. Additionally, applicants are strongly encouraged to consult with the Scientific/Research Contact at the appropriate IC about their proposed research project during the concept development stage of the application. The combined budget for direct costs for the two-year project period may not exceed $100K, and no more than $50K in direct costs may be requested in any single year.
NIH Exploratory & Developmental Research Grant Program (Parent R21)

National Institutes of Health, Cross-Institute


Contact: 301/435-0714, GrantsInfo@nih.gov

 Solicitation number: PA-16-161

This funding opportunity supports the development of new research activities in categorical program areas. The R21 activity code is intended to encourage exploratory and developmental research projects by providing support for the early and conceptual stages of these projects. These studies may involve considerable risk but may lead to a breakthrough in a particular area, or to the development of novel techniques, agents, methodologies, models, or applications that could have a major impact on a field of biomedical, behavioral, or clinical research. Applications for R21 awards should describe projects distinct from those supported through the traditional R01 activity code. For example, long-term projects, or projects designed to increase knowledge in a well-established area, will not be considered for R21 awards. Projects of limited cost or scope that use widely accepted approaches and methods within well-established fields are better suited for the R03 small grant activity code. The combined budget for direct costs for the two-year project period may not exceed $275K, and no more than $200K may be requested in any single year.

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: RFA-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.

Research Answers to NCI's Provocative Questions

National Institutes of Health


Contact: Emily J. Greenspan, 301/435-1045, greenspanej@mail.nih.gov

 Solicitation number: RFA-CA-15-008

The purpose of this Funding Opportunity Announcement (FOA) is to support research projects designed to solve specific problems and paradoxes in cancer research identified by the National Cancer Institute (NCI) Provocative Questions initiative. These problems and paradoxes phrased as questions are not intended to represent the full range of NCI's priorities in cancer research. Rather, they are meant to challenge cancer researchers to think about and elucidate specific problems in key areas of cancer research that are deemed important but have not received sufficient attention.

Some of these "Provocative Questions" (PQs) stem from intriguing but older, neglected observations that have never been adequately explored. Other PQs are built on more recent findings that are perplexing or paradoxical, revealing important gaps in current knowledge. Finally, some PQs reflect problems that traditionally have been thought to be intractable but that now may be open to investigations using new strategies and recent technical advances.

The current issuance of the PQ Initiative involves an updated set of 12 PQs. Each research project proposed in response to this FOA must be focused on addressing one particular research problem defined by one specific PQ selected from the list. Projects proposed to address specific PQs may use strategies that incorporate ideas and approaches from multiple disciplines, as appropriate. Transdisciplinary projects are encouraged as long as they serve the scientific focus of the specific PQ chosen. Application budgets are not limited but need to reflect the actual needs of the proposed project. The total project period may not exceed 5 years.
**Pragmatic Research in Healthcare Settings to Improve Diabetes and Obesity Prevention and Care (R18)**

National Institutes of Health


Contact: Andrew Bremer, 301/827-2555, Andrew.bremer@nih.gov

Solicitation number:  PAR-15-157

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.

**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.

Ongoing

**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.

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: Judith Skog, 703/292-7909, jskog@nsf.gov

Solicitation number: NSF 16-536

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 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. Annual estimated program budget, number of awards, and average award size/duration are subject to the availability of funds and the quality of the proposals.

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.
Ongoing

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

National Science Foundation


Contact: Vasant Honavar, vohonavar@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.

Ongoing

**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.

Ongoing

**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.
Conferences and Workshops in the Mathematical Sciences

The Division of Mathematical Sciences (DMS) has long supported conferences, workshops, and related activities. Examples of related activities include longer-term or larger-scale events such as multi-institutional regional meetings, summer or winter schools, and international travel by groups of mathematical scientists. Proposals for conferences normally request funding in the range of $5K to $25K, though awards of up to $50K have been made on occasion. Proposals for other kinds of conference-like activities may request funding of any amount and for durations of up to three years; in past years, some such awards have fallen in the range of $50K to $150K per year.

8/16/2016  Full Proposal

International Research Experiences for Students (IRES)

The program supports development of globally-engaged U.S. science and engineering students capable of performing in an international research environment at the forefront of science and engineering. The IRES program supports active research participation by students enrolled as undergraduates or graduate students in any of the areas of research funded by the National Science Foundation. Estimated program budget, number of awards and average award size/duration are subject to the quality of proposals and availability of funds.

8/23/2016  Full Proposal

Campus Cyberinfrastructure - Data, Networking, and Innovation Program

This program invests in campus-level data and networking infrastructure and integration activities tied to achieving higher levels of performance, reliability and predictability for science applications and distributed research projects. Science-driven requirements are the primary motivation for any proposed activity. CC*DI awards will be made in seven areas: 1) Data Driven Multi-Campus/Multi-Institution Model Implementation awards will be supported at up to $3M total for up to 4 years; 2) Cyber Team awards will be supported at up to $1.5M total for up to 3 years; 3) Data Driven Networking Infrastructure for the Campus and Researcher awards will be supported at up to $500K total for up to 2 years; 4) Network Design and Implementation for Small Institutions awards will be supported at up to $400K total for up to 2 years; 5) Network Integration and Applied Innovation awards will be supported at up to $1M total for up to 2 years; 6) Campus Computing awards will be supported at up to $500K for up to 3 years; and 7) Innovative Integrated Storage Resources awards will be supported at up to $200K for up to 2 years. Awards vary based on field of interest.
Research Experiences for Undergraduates (REU)

National Science Foundation, Cross-Directorate


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

Solicitation number: NSF 13-542

This program supports active research participation by undergraduate students in any of the areas of research funded by NSF. This solicitation features two mechanisms for support of student research: 1) REU Sites are based on independent proposals to initiate and conduct projects that engage a number of students in research. REU Sites may be based in a single discipline or academic department, or on interdisciplinary or multi-department research opportunities with a coherent intellectual theme. Proposals with an international dimension are welcome. 2) REU Supplements may be requested for ongoing NSF-funded research projects or may be included as a component of proposals for new or renewal NSF grants or cooperative agreements. Students do not apply to NSF to participate in REU activities. Students apply directly to REU Sites or to NSF-funded investigators who receive REU Supplements. Three years is the typical duration for REU Site awards in most NSF directorates; however, a duration of up to five years may be allowed in some cases. The typical REU Site hosts 8-10 students per year. The typical funding amount is $70K-$120K per year.

8/24/2016 Proposal

Research Experiences for Undergraduates (REU)

National Science Foundation


Contact: varies with research interest

Solicitation number: NSF 13-542

This program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This solicitation features two mechanisms for support of student research: 1) REU Sites are based on independent proposals to initiate and conduct projects that engage a number of students in research. REU Sites may be based in a single discipline or academic department or may offer interdisciplinary or multi-department research opportunities with a coherent intellectual theme. Proposals with an international dimension are welcome. 2) REU Supplements may be included as a component of proposals for new or renewal NSF grants or cooperative agreements or may be requested for ongoing NSF-funded research projects. The typical funding amount is $70K-$120K per year for three years.

9/2/2016 Letter of Intent (required)

10/21/2016 Full Proposal

Developing a National Research Infrastructure for Neuroscience (NeuroNex)

National Science Foundation


Contact: varies with research interest

Solicitation number: NSF 16-569

The goal of this solicitation is to foster the development and dissemination of (1) innovative research resources, instrumentation, and neurotechnologies, and (2) theoretical frameworks for understanding brain function across organizational levels, scales of analysis, and/or a wider range of species, including humans. This interdisciplinary program is one element of NSF’s broader effort directed at Understanding the Brain, a multi-year activity that includes NSF’s participation in the Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative (http://www.nsf.gov/brain/) and the phased approach to develop a national research infrastructure for neuroscience as outlined in the Dear Colleague Letter NSF16-047. NSF envisions a connected portfolio of transformative, integrative projects that create synergistic links across investigators and communities, yielding novel ways of tackling the challenges of understanding the brain in action and in context.

This program solicits proposals that will develop and disseminate innovative neurotechnologies and/or theoretical frameworks that will transform our understanding of the linkages between neural activity and cognition and behavior across different systems, environments, and species, while also providing an avenue for widespread dissemination of these technologies and theoretical frameworks as well as broad training opportunities. The typical award size is expected to range from $500K to $2M/year, depending on the project size and scope and the availability of funds. Awards are expected to be three to five years in duration.
Advances in Biological Informatics (ABI)
National Science Foundation, Biological Sciences (BIO)
Contact: Anne Maglia, 703/292-8470, dbabi@nsf.gov
Solicitation number: NSF 15-582
The ABI program seeks to encourage new approaches to the analysis and dissemination of biological knowledge for the benefit of both the scientific community and the broader public. This program is especially interested in the development of informatics tools and resources that have the potential to advance or transform research in biology. The ABI program accepts three major types of proposals: Innovation awards that seek to pioneer new approaches to the application of informatics to biological problems; Development awards that seek to provide robust cyberinfrastructure that will enable transformative biological research; and Sustaining awards that seek to support ongoing operations and maintenance of existing cyberinfrastructure that is critical for continued advancement of priority biological research. Approximately $12-15M is available for new awards and estimated 20 to 30 awards will be granted.

Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical Sciences (DM)
National Science Foundation, Mathematical and Physical Sciences (MPS)
Contact: Varies
Solicitation number: NSF 16-543
The Division of Mathematical Sciences in the Directorate for Mathematical and Physical Sciences at the NSF and the National Institute of General Medical Sciences at the NIH plan to support research in mathematics and statistics on questions in the biological and biomedical sciences. This competition is designed to encourage new collaborations, as well as to support existing ones. Award sizes are expected to range from $100K to $400K per year with durations of three to five years.

Partnerships for International Research and Education (PIRE) 2017 - Limited Submission
National Science Foundation, Cross-Directorate
Contact: Cassandra M. Dudka, 703/292-7250, PIRE-info@nsf.gov
Solicitation number: NSF 16-571
Partnerships for International Research and Education (PIRE) is an NSF-wide program that supports international activities across all NSF-supported disciplines. The primary goal of PIRE is to support high quality projects in which advances in research and education could not occur without international collaboration. PIRE seeks to catalyze a higher level of international engagement in the U.S. science and engineering community.
This PIRE competition will be open to all areas of science and engineering research which are supported by the NSF. The average award size is expected to be approximately $4 million over 5 years.

Program objectives include:
(1) Support excellence in science and engineering research and education through international collaboration. (2) Promote opportunities where international collaboration can provide unique advantages of scope, scale, flexibility, expertise, facilities, or access to phenomena, enabling advances that could not occur otherwise. (3) Engage and share resources and research infrastructure within and across institutions to build strong international partnerships. (4) Create and promote opportunities for students and early career researchers to participate in substantive international research experiences.
The EHR Core Research (ECR) program of fundamental research in STEM education provides funding in critical research areas that are essential, broad and enduring. EHR seeks proposals that will help synthesize, build and/or expand research foundations in the following focal areas: STEM learning, STEM learning environments, STEM workforce development, and broadening participation in STEM. The ECR program is distinguished by its emphasis on the accumulation of robust evidence to inform efforts to (a) understand, (b) build theory to explain, and (c) suggest interventions (and innovations) to address persistent challenges in STEM interest, education, learning, and participation. The program supports advances in fundamental research on STEM learning and education by fostering efforts to develop foundational knowledge in STEM learning and learning contexts, both formal and informal, from childhood through adulthood, for all groups, and from the earliest developmental stages of life through participation in the workforce, resulting in increased public understanding of science and engineering. The ECR program will fund fundamental research on: human learning in STEM; learning in STEM learning environments, STEM workforce development, and research on broadening participation in STEM.

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

NSF has established the Software Infrastructure for Sustained Innovation (SI2) program, with the overarching goal of transforming innovations in research and education into sustained software resources that are an integral part of the cyberinfrastructure. SI2 is a long-term investment focused on catalyzing new thinking, paradigms, and practices in developing and using software to understand natural, human, and engineered systems. SI2's intent is to foster a pervasive cyberinfrastructure to help researchers address problems of unprecedented scale, complexity, resolution, and accuracy by integrating computation, data, networking, observations and experiments in novel ways. NSF expects that its SI2 investment will result in robust, reliable, usable and sustainable software infrastructure that is critical to achieving the CIF21 vision and will transform science and engineering while contributing to the education of next generation researchers and creators of future cyberinfrastructure. Education at all levels will play an important role in integrating such a dynamic cyberinfrastructure into the fabric of how science and engineering is performed. The SI2 program includes three classes of awards: (1) Scientific Software Elements (SSE): Awards target small groups that will create and deploy robust software elements for which there is a demonstrated; these software elements will in turn advance one or more significant areas of science and engineering. (2) Scientific Software Integration (SSI): Awards target larger, interdisciplinary teams organized around the development and application of common software infrastructure aimed at solving common research problems faced by NSF researchers in one or more areas of science and engineering. SSI awards will result in a sustainable community software framework serving a diverse community or communities. (3)Scientific Software Innovation Institutes (S2I2): Awards will focus on the establishment of long-term hubs of excellence in software infrastructure and technologies, which will serve a research community of substantial size and disciplinary breadth.
Prediction of and Resilience against Extreme Events (PREEVENTS)

National Science Foundation


Contact: Gregory Anderson, 703/292-4693, greander@nsf.gov

Solicitation number: NSF 16-562

PREEVENTS is focused on natural hazards and extreme events, and not on technological or deliberately human-caused hazards. The PREEVENTS portfolio will include the potential for disciplinary and multidisciplinary research at all scales, particularly aimed at areas ripe for significant near- or medium-term advances. PREEVENTS seeks projects that will (1) enhance understanding of the fundamental processes underlying natural hazards and extreme events on various spatial and temporal scales, as well as the variability inherent in such hazards and events, and (2) improve our capability to model and forecast such hazards and events.

The two program tracks available are: Track 1 (Conferences) proposals may be submitted for conferences that will foster development of interdisciplinary or multidisciplinary communities required to address complex questions surrounding natural hazards and extreme events; and Track 2 which welcomes proposals addressing both primary targets described above, but which may extend beyond what is typically supported by GEO “core” programs due to the scope, scale, and/or complexity of the problem to be studied or approaches to be used; because the problem requires a multidisciplinary approach spanning multiple GEO programs or divisions; or for other similar programmatic reasons. Budgets for Track 1 proposals are generally limited to less than $50K, but under exceptional circumstances may be up to $100K. Track 2 proposals may be submitted for durations of up to five years. Project durations and budgets must be commensurate with the scope of the work proposed, and with guidance provided elsewhere in this solicitation regarding anticipated program resources.

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NSF/Intel Partnership on Information-Centric Networking in Wireless Edge Networks (ICN-WEN)

National Science Foundation


Contact: Thyagarajan Nandagopal, 703/292-8950, tnandago@nsf.gov

Solicitation number: NSF 16-586

This solicitation seeks unique data network architectures featuring an information plane using an Information-Centric Networking (ICN) approach and addressing discovery, movement, delivery, management, and protection of information within a network, along with the abstraction of an underlying communication plane creating opportunities for new efficiencies and optimizations across communications technologies that could also address latency and scale requirements. Approximately 2 - 3 awards are anticipated, each up to $3,000,000 total and of 3 years in duration.

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Platforms for Advanced Wireless Research (PAWR): Establishing the PAWR Project Office (PPO) (PAWR/PPO) - Limited

National Science Foundation


Contact: Thyagarajan Nandagopal, 702/292-8950, tnandago@nsf.gov

Solicitation number: NSF 16-585

The Platforms for Advanced Wireless Research (PAWR) program aims to support advanced wireless research platforms conceived by the U.S. academic and industrial wireless research community. PAWR will enable experimental exploration of robust new wireless devices, communication techniques, networks, systems, and services that will revolutionize the nation’s wireless ecosystem, thereby enhancing broadband connectivity, leveraging the emerging Internet of Things (IoT), and sustaining US leadership and economic competitiveness for decades to come.

In order to support the design, development, deployment, and operations of the advanced wireless research platforms, the National Science Foundation’s (NSF) Directorate for Computer and Information Science and Engineering (CISE) will support the work of a PAWR Project Office (PPO). Working closely with the wireless research community, the PPO will assume responsibility for design, development, and deployment of a set of advanced wireless research platforms. Upon successful completion of the design of advanced wireless research platforms, and contingent upon support from NSF management, the PPO will proceed to the development and deployment phases with funding provided by NSF as well as a PAWR Industry Consortium. Upon successful deployment of each individual research platform, the PPO may subsequently operate the platform in service to the wireless research community. The anticipated funding amount is $5M over 5 years.
The National Institutes of Health (NIH) will award Ruth L. Kirschstein National Research Service Award (NRSA) Short-Term Institutional Research Training Grants (T35) to eligible, domestic institutions to develop and/or enhance research training opportunities for predoctoral students interested in careers in biomedical, behavioral or clinical research. Many NIH Institutes and Centers (ICs) use this NRSA program exclusively to support intensive, short-term research training experiences for health professional students (medical students, dental students, and/or students in other health-professional programs) during the summer. This program is also intended to encourage training of graduate students in the physical or quantitative sciences to pursue research careers by short-term exposure to, and involvement in, the health-related sciences. The training should be of sufficient depth to enable the trainees, upon completion of the program, to have a thorough exposure to the principles underlying the conduct of biomedical research.

The goal of this joint solicitation between NSF and VMware is to foster novel, transformative, multidisciplinary research that spans systems, networking, and security with the aim of exploring and creating groundbreaking new approaches to security based on the concept of SDI. The program also aims to support a research community committed to advancing research and education at the confluence of SDI-CSCS technologies, and to transition research findings into practice. NSF and VMware will support multiple projects with funding of up to $3M each over three years, and it is intended that NSF and VMware will co-fund each project.

This program seeks to enhance and expand the national resource of digital data documenting existing vouchered biological and paleontological collections and to advance scientific knowledge by improving access to digitized information (including images) residing in vouched scientific collections across the United States. The information associated with various collections of organisms, such as geographic, paleogeographic and stratigraphic distribution, environmental habitat data, phenology, information about associated organisms, collector field notes, and tissues and molecular data extracted from the specimens, is a rich resource providing the baseline from which to further biodiversity research and provide critical information about existing gaps in our knowledge of life on earth. The national resource is structured at three levels: a central coordinating organization, a series of thematic networks based on an important research theme, and the physical collections. The national resource builds upon a sizable existing national investment in curation of the physical objects in scientific collections and contributes vitally to scientific research and technology interests in the United States. It will become an invaluable tool in understanding contemporary biological issues and challenges.
Sociology Program Doctoral Dissertation Research Improvement Awards (Soc-DDRI)

National Science Foundation


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

Solicitation number: NSF 14-604

This program supports basic research on all forms of human social organization -- societies, institutions, groups and demography -- and processes of individual and institutional change. The program encourages theoretically focused empirical investigations aimed at improving the explanation of fundamental social processes. Included is research on organizations and organizational behavior, population dynamics, social movements, social groups, labor force participation, stratification and mobility, family, social networks, socialization, gender roles, and the sociology of science and technology. The maximum award is $12K.

MacroSystems Biology and Early NEON Science: Research on Biological Systems at Regional to Continental Scales

National Science Foundation


Contact: Elizabeth R. Blood, 703/292-8400, eblood@nsf.gov

Solicitation number: NSF 16-521

The MacroSystems Biology and Early NEON Science: Research on Biological Systems at Regional to Continental Scales program will support quantitative, interdisciplinary, systems-oriented research on biosphere processes and their complex interactions with climate, land use, and invasive species at regional to continental scales as well as planning, training, and development activities to enable groups to conduct MacroSystems Biology and Early NEON Science research.

Wireless Innovation between Finland and US (WiFiUS)

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


Contact: Varies with research interest

Solicitation number: NSF 16-587

With this solicitation, NSF’s Directorate for Computer and Information Science and Engineering (CISE) and the Academy of Finland continue a joint program in the area of wireless networking, known as Wireless Innovation between Finland and US (WiFiUS) that provides for an international collaboration arrangement whereby US researchers may receive funding from NSF and Finnish collaborators may receive funding from the Academy of Finland to pursue joint projects. Reflecting the funding priorities of each participating NSF division as well as those of the Academy of Finland, this program seeks research projects on novel frameworks, architectures, protocols, methodologies, and tools for the design and analysis of robust and highly dependable wireless communication systems and networks, especially as they support and enable the emerging Internet of Things (IoT). Each award may be up to $300K over two 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 16-581

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.

### Secure and Trustworthy Cyberspace (SaTC)

National Science Foundation

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

Solicitation number:  NSF 16-580

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.

### Mathematical Sciences Postdoctoral Research Fellowships (MSPRF)

National Science Foundation


Contact:  Bruce Palka, 703/292-4856, bpalka@nsf.gov

Solicitation number:  NSF 16-558

The purpose of this program is to support future leaders in mathematics and statistics by facilitating their participation in postdoctoral research environments that will have maximal impact on their future scientific development. There are two options for awardees: Research Fellowship which provides full-time support for any eighteen academic-year months in a three-year period, in intervals not shorter than three consecutive months; and Research Instructorship which provides a combination of full-time and half-time support over a period of three academic years, usually one academic year full-time followed by two academic years half-time. Awards will support research in areas of mathematics and statistics, including applications to other disciplines. Fellowship awards are for a total of $150K, with a possible additional allowance of up to $20K for awards with international host institutions.
NSF/DOE Partnership in Basic Plasma Science and Engineering

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.

Graduate Research Fellowship Program (GRFP)

The purpose of the NSF Graduate Research Fellowship Program (GRFP) is to help ensure the vitality and diversity of the scientific and engineering workforce of the United States. The program recognizes and supports outstanding graduate students who are pursuing research-based master's and doctoral degrees in science, technology, engineering, and mathematics (STEM) or in STEM education. The GRFP provides three years of support for the graduate education of individuals who have demonstrated their potential for significant research achievements in STEM or STEM education. NSF especially encourages women, members of underrepresented minority groups, persons with disabilities, veterans, and undergraduate seniors to apply.

Private/Nonprofit Agencies
Surdna Foundation Grants

Surdna Foundation

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

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

Solicitation number:

The Surdna Foundation seeks to foster sustainable communities by making grants in the areas of: Sustainable Environments, with the goal of overhauling the country’s low performing infrastructure, much of it outdated and crumbling, with a new approach that will foster healthier, sustainable, and just communities; Strong Local Economies, with the objective supporting the development of robust and sustainable economies that include a diversity of businesses and access to quality jobs; and Thriving Cultures, with the purpose of supporting efforts to encourage teens to explore the arts, involve artists in community development projects and foster the growth and success of local artists as economic engines and agents for social change. Organizations are eligible for a maximum of three consecutive years of funding. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Smith Richardson Foundation Grants

Smith Richardson Foundation

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
https://mellon.org/programs/
Contact: Varies with research interest
Solicitation number:
The foundation supports grantees within five defined program areas: Higher Education and Scholarship; Scholarly Communications; Arts and Cultural Heritage; International Higher Education and Strategic Projects; and Diversity. 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.

**Public Welfare Grants**
Public Welfare Foundation
http://www.publicwelfare.org/grants-process/
Contact: 202/965-1800, info@publicwelfare.org
Solicitation number:
The Foundation supports efforts to advance justice and opportunity for people in need. The Foundation looks for strategic points where its funds can make a significant difference and improve lives through policy change and system reform. The three program areas of focus are: Criminal Justice, Juvenile Justice and Workers' Rights. Though letters of inquiry may be submitted at any time, applicants should plan ahead. It takes up to one month after receiving a letter of inquiry to determine whether an invitation will be sent to submit a full proposal. Full proposals are reviewed in July, November, and March. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

**Committee for Research and Exploration Grant**
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: alek001@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.

Energy Foundation Grants
The Energy Foundation
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

**Lumina Grants**
Lumina Foundation

http://www.luminafoundation.org/grants.html

Contact: Candace Brandt, 317/951-5300

Solicitation number:

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

Ongoing

**Lannan Foundation Grants**
Lannan Foundation

http://www.lannan.org/lf/about/grant-guidelines/

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

Solicitation number:

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

Ongoing

**Mathers Grants**
The G. Harold & Leila Y. Mathers Charitable Foundation

http://www.mathersfoundation.org/policies.html

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

Solicitation number:

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

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: 212/517-5400, grantapplication@pkf.org
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 ranges from $5K to $30K. 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/programs/](http://delmas.org/programs/)

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


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.

## Documentary Film Program

Sundance Institute


Contact: dfp@sundance.org

**Solicitation number:**

The Sundance Documentary Fund provides grants to filmmakers worldwide for projects that display: artful film language, effective storytelling, originality and feasibility, contemporary cultural relevance, and potential to reach and connect with its intended audience. Preference is given to projects that convey clear story structure, higher stakes and contemporary relevance, forward going action or questions, demonstrated access to subjects, and quality use of film craft.
CASIS Unsolicited Proposals

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

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)

The Army Environmental Commands mission is to lead and execute Army cleanup and environmental quality programs, providing technical expertise to enable Soldier readiness and sustainable military communities. Through the ORISE Environmental Management Participation Program, opportunities exist to participate in the following areas: environmental projects involving cultural and natural resources, restoration, compliance, conservation, pollution prevention, validation, demonstration, technology transfer, quality assurance and quality control, training, information management and reporting, and related programs. Appointments are made up to one year, full-time or part-time and are renewable up to a total of four years full-time participation for postgraduates and renewable up to a total of five years full-time participation for postdoctorates. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
**Fulbright Specialist Program**

Council for International Exchange of Scholars

[http://www.cies.org/specialists/](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.

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**Humanities Research Projects**

Gerda Hengel Foundation

[http://www.gerda-henkel-stiftung.de/research_grants](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.

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**Research Grants for PhD Candidates**

Horowitz Foundation for Social Policy


Contact: info@horowitz-foundation.org

Solicitation number:

The Foundation makes targeted grants for work in all major areas of the social sciences, including anthropology, area studies, economics, political science, psychology, sociology, and urban studies, as well as newer areas such as evaluation research. Preference is given to projects that address contemporary issues in the social sciences and issues of policy relevance. Candidates may propose new projects or they may solicit support for research in progress, including final work on a dissertation, supplementing research funds for a work in progress, or travel funds. Grants reach up to $7.5K. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
Practitioner Bellagio Residency

Rockefeller Foundation

http://www.rockefellerfoundation.org/bellagio-center/residency-program/practitioner-residency

Contact: 212/869-8500

Solicitation number:

The Bellagio Residency program offers academic, artists, thought leaders, policymakers, and practitioners a setting conducive to goal-oriented work and the opportunity to establish new connections with fellow residents from a stimulating array of disciplines and geographies. The Bellagio Center community generates new knowledge to solve some of the most complex issues facing our world and creates art that inspires reflection and understanding on global and social issues. Residencies last between two to four weeks. We are interested in practitioner applicants whose work contributes to the well-being of humankind and/or connects with the Rockefeller Foundation’s issue areas of Advance Health, Revalue Ecosystems, Secure Livelihoods, and Transform Cities. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

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

http://www.sait.samsung.co.kr/saithome/Page.do?method=main&pagePath=01_about/&pageName=gro_overview

Contact: gro.usa@samsung.com

Solicitation number:

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.

Targeted Grants in Mathematics and Physical Sciences

Simons Foundation

https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/targeted-grants-in-mps/

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

Solicitation number:

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.
Advancing Wellness Grants Program
The California Wellness Foundation
http://www.calwellness.org/how_to_apply/

Contact:

Solicitation number:
The Advancing Wellness grants program includes four grantmaking portfolios: (1) Bridging the Gaps in Access and Quality Care; (2) Promoting Healthy and Safe Neighborhoods; (3) Expanding Education and Employment Pathways; and (4) Opportunity Fund. The establishment of these portfolios is grounded in research on the social determinants of health, which states that where people live and work, their race or ethnicity, and their income can impact their health and wellness. The desire is to help level the playing field so that everyone has access to good-paying jobs, safe neighborhoods and quality health care services. 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.

8/24/2016    Campus Pre-proposals (required)
9/3/2016      Registration (required)
10/3/2016     Full Proposals

100&Change - Limited Submission
The John D. and Catherine T. MacArthur Foundation
https://www.100andchange.org/

Contact: questions@100andchange.org
Solicitation number:
<p>100&amp;Change is a MacArthur Foundation competition for a $100 million grant to fund a single proposal that will make measurable progress toward solving a significant problem. 100&amp;Change will select a bold proposal that promises real progress toward solving a critical problem of our time. And it will award a $100 million grant to help make that solution a reality. Proposals focused on any critical issue are welcome. &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&n...
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**Program on Social Inequality**

Russell Sage Foundation

http://www.russellsage.org/research/social-inequality/funding_opportunity

Contact: James Wilson, james@rsage.org

Solicitation number:

This program supports innovative research on whether rising economic inequality has affected social, political, and economic institutions, and the extent to which increased inequality has affected equality of opportunity, social mobility, and the intergenerational transmission of advantage. We seek investigator-initiated research projects that will broaden our understanding of the causes and consequences of rising economic inequalities in the United States. Applications should limit budget requests to no more than a two-year period, with a maximum of $150K (including overhead) per project. Presidential Awards, with a maximum budget of $35K (no overhead allowed) are also available. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ucsb.edu or x8406) for more information and coordination purposes.

9/19/2016   Application

**Guggenheim Fellowships**

John Simon Guggenheim Memorial Foundation

http://www.gf.org/applicants/how-to-apply/

Contact: 212/687-4470

Solicitation number:

The John Simon Guggenheim Memorial Foundation provides fellowships for advanced professionals in all fields (natural sciences, social sciences, humanities, creative arts) except the performing arts. The fellowships are intended to further the development of scholars and artists by assisting them to engage in research in any field of knowledge and creation in any of the arts, under the freest possible conditions. Fellowships are grants to selected individuals made for a minimum of six months and a maximum of twelve months. Since the purpose of the program is to help provide fellows with blocks of time in which they can work with as much creative freedom as possible, grants are made freely. No special conditions attach to them, and fellows may spend their grant funds in any manner they deem necessary to their work.

9/30/2016

**Lilly Library Fellowships**

Indiana University Bloomington

http://www.indiana.edu/~liblilly/fellowships.shtml

Contact: liblilly@indiana.edu

Solicitation number:

The Lilly Library invites applications for visiting fellowships for research in residence in its collections. The Lilly Library is the principal rare book and manuscript library of Indiana University. Its holdings support research in British, French, and American literature and history; the literature of voyages and exploration, specifically the European expansion in the Americas; early printing, and the Church, children's literature, music; film, radio and television; medicine, science, and architecture; and food and drink.
Pardee Foundation Grants
Elsa U. Pardee Foundation
http://www.pardeefoundation.org/grants.aspx
Contact: 989/832-3691, info@pardeefoundation.org

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

Inclusive Excellence - 2018 Undergraduate Science Education Grants - Limited Submission
Howard Hughes Medical Institute
http://www.hhmi.org/programs/undergraduate-science-education-grants
Contact:
Solicitation number:
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.

CCK Scholar Grants
The Chiang Ching-kuo Foundation for International Scholarly Exchange
http://www.cckf.org.tw/e-americaSS.htm
Contact: 703/903-7460, cckfnao@aol.com
Solicitation number:
The Foundation’s grants provide support for research on Chinese Studies in the humanities and social sciences. Tenured faculty, including full professors and associate professors, may apply for a CCK Scholar Grant of up to $40K or $35K, respectively, to help replace half of the salary of faculty on sabbatical, or for time off for research and writing. Junior Scholar Grants of $30K are available for scholars who have taught for no more than 6 years since receiving their PhD. 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.
Residential Fellowships at the National Humanities Center

National Humanities Center
http://nationalhumanitiescenter.org/become-a-fellow/

Contact: 919/549-0661

Solicitation number:

The National Humanities Center will offer up to 40 residential fellowships for advanced study in the humanities for the period September 2017 through May 2018. Applicants must have a doctorate or equivalent scholarly credentials. Mid-career scholars as well as senior scholars are encouraged to apply. Emerging scholars with a strong record of peer-reviewed work may also apply. The Center does not normally support the revision of a doctoral dissertation. In addition to scholars from all fields of the humanities, the Center accepts individuals from the natural and social sciences, the arts, the professions, and public life who are engaged in humanistic projects.

Most of the Center’s fellowships are unrestricted. Several, however, are designated for particular areas of research, including fellowships for environmental studies, English literature, art history, Asian studies, theology, and for early-career female philosophers. The Center also invites applicants from scholars in interdisciplinary fields, including African-American studies, area studies, bioethics, cultural studies, history of science and technology, film and media studies.

UC and State of California

Ongoing

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.

9/8/2016 Full Proposal (UC-NL GF)

UC Laboratory Fees Research Program

University of California
http://ucop.edu/research-initiatives/programs/lab-fees/application-information.html

Contact: UCRI@ucop.edu

Solicitation number:

This program supports two funding opportunities: 1) Targeted UC Multicampus-National Lab Collaborative Research and Training (UC-NL CRT) Awards which require proposals to focus on collaborative research and training activities in one of the following three targeted areas identified for high-impact research realized through UC-national lab synergy: Biological applications of advanced computing, High energy density science, and Mesoscale materials science; and 2) UC-National Lab In-Residence Graduate Fellowships (UC-NL GF) which apply to UC graduate students who meet certain criteria (see full FOA).