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

RESEARCH DEVELOPMENT CONTACT INFORMATION
Meredith Murr
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Funding for Diverse Faculty and Diversity Research
Dr. Barbara L.E. Walker, Director of Research Development for the Social Sciences, Humanities, and Fine Arts, will present information about current funding sources for diversity research (research on diversity, multiculturalism, gender, race, LGBT topics, etc.) and diverse researchers (including women, people of color, and other under-represented groups). This will also be an opportunity to meet other faculty, share information about your research, and form interdisciplinary collaborations for future research programs. Refreshments will be served. If you have any questions, please contact Barbara Walker, walker@research.ucsb.edu.

Wednesday, January 25 3-4 p.m.
2206 North Hall, the Pellish Room
RSVP to funding@research.ucsb.edu

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.


EarthCube is a community driven activity aimed at creating and nurturing transformative approaches to integrated data management infrastructures across the Geosciences. The Geosciences Directorate (GEO) and the Office of Cyberinfrastructure (OCI) have established a partnership to address the multifaceted challenges of modern, data-intensive science and education. The expected outcome is an environment where obstacles associated with low adoption thresholds and new capabilities are overcome so as to greatly increase the productivity and capability of researchers and educators working at the frontiers of Earth system science.

At this point in the process, NSF will accept EAGER proposals or supplemental funding requests that are consistent with the guidance provided by the Charrette, this letter and supplemental guidance (http://www.nsf.gov/geo/earthcube/eagerguidance.jsp). Submissions must involve one of these three categories:

• Advance the study of, and planning for, a Strategic Organizational Framework for EarthCube. All elements of the framework presented in the paper EarthCube Guidance for the Community (NSF 11-085) (http://www.nsf.gov/pubs/2011/nsf11085/nsf11085.pdf) need to be addressed in proposed activities.

• Develop one or more New Capabilities that leverage existing technologies and practices and would significantly improve the productivity and capabilities of researchers and educators across all of the geosciences and that can be directly connected to the EarthCube vision.

• Make significant progress on achieving one or more Critical Milestones related to the identified needed capabilities for the EarthCube vision. Milestones are defined as collaborative activities that will advance a science goal that has broad applicability to the geosciences.
Prior to submitting an EAGER proposal or a supplemental funding request related to EarthCube, a two-page summary must be submitted by email to earthcube@nsf.gov. The summary should (1) identify which of the above three categories the proposed activity would address; (2) explain the scientific motivation for the proposed effort; (3) describe the resultant advances that would be enabled by the undertaking, and (4) identify the members of the team. NSF will review the summaries and provide additional guidance to the submitting team.

CAMPUS HONORS AND AWARDS

- **Divyakant Agrawal**, professor of computer science, was named a 2011 ACM Fellow for his “contributions to distributed data management systems” and was also named an IEEE Fellow for the class of 2012 for his “contributions to large-scale data management in distributed and networked systems.”

- **Kaustav Banerjee**, professor of electrical and computer engineering, has been selected by the Alexander von Humboldt Foundation in Germany to receive the Friedrich Wilhelm Bessel Research Award.

- **Lars Bildsten**, professor of physics, has been awarded the distinction of Fellow by the American Association for the Advancement of Science (AAAS) for distinguished contributions to theoretical astrophysics, including new insights that have advanced the understanding of neutron stars and of supernovae.

- **Frederick Dahlquist**, professor and chair of chemistry and biochemistry, has been awarded the distinction of Fellow by the American Association for the Advancement of Science (AAAS) for distinguished service to biochemistry and structural biology, particularly on the application of NMR techniques to elucidate signaling processes, including bacterial chemotaxis.

- **Alan J. Heeger**, professor of physics and materials, has been awarded the distinction of Fellow by the American Association for the Advancement of Science (AAAS) for his contributions in the discovery and development of conductive polymers.

- **W. Patrick McCray**, professor of history, has been awarded the distinction of Fellow by the American Association for the Advancement of Science (AAAS) for distinguished contributions to scholarship and education in history of science, technology and instrumentation, particularly in the areas of intellectual and social interactions in recent astronomy and physics.

- **Carl Meinhart**, professor of mechanical engineering, has been elected to Fellowship in the American Physical Society for contributions to the seminal developments of micron resolution particle image velocimetry and free-surface microfluidics for surface enhanced Raman scattering technology, and for providing deeper understanding of the flow of fluids over surfaces in the extremes of microscopic slip and high Reynolds number turbulence.

- **Linda Petzold**, professor of computer science, was named a 2011 ACM Fellow for her “contributions to computational science.”

- **Philip A. Pincus**, professor of materials and physics, has been awarded the distinction of Fellow by the American Association for the Advancement of Science (AAAS) for distinguished contributions to the theory of soft condensed matter physics.

- **Kevin W. Plaxco**, professor of chemistry and biochemistry, has been awarded the distinction of Fellow by the American Association for the Advancement of Science (AAAS) for distinguished contributions to the fields of molecular biophysics and biomolecular engineering, with particular emphasis on his contributions to our understanding of protein folding kinetics and the physics of the unfolded state, and for his pioneering efforts in the design of conformation-linked electrochemical biosensors.

- **Robert L. Sugar**, professor of physics, has been awarded the distinction of Fellow by the American Association for the Advancement of Science (AAAS) for distinguished contributions to theoretical particle physics, especially for seminal advances in com-
puting particle properties in quantum chromodynamics.

- **Subhash Suri**, professor and chair of computer science, has been awarded the distinction of Fellow by the American Association for the Advancement of Science (AAAS) for distinguished contributions to the field of computational geometry, networks, and computational economics.

- **Xifeng Yan**, assistant professor of computer science, received the IEEE ICDM 10-Year Highest Impact Paper Award for his research paper, “qSpan: Graph-Based Substructure Pattern Mining.”

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

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

**Post-Award Administration** (3 hours)

This course addresses several aspects of post-award administration and will include presentations from selected campus representatives. Topics are award set-up, department responsibilities, obtaining campus approvals for post-award actions, travel, equipment management, reporting requirements, and closeout.

*Thursday, February 2, 2012; 9 a.m.– noon*

*Location: Phelps 2536*

**Financial Management** (Part A 2 hours, Part B 2 hours)

This course addresses the financial aspects of administering an extramural award. Financial topics reviewed are direct costing, re-budgeting, cost transfers, overdrafts and balances, close-out procedures and reports, and Personnel Activity Reporting.

Must take Part A to take Part B. Part A will cover: Direct Costs, Establishing Awards, Budget Transfers, Indirect Cost and Cost Transfers. Part B will cover: Effort Reporting, Cost Sharing/Project Contribution Reports, overdrafts & Credit Balances, and Award Close Procedure.

*Part A: Thursday, March 1, 2012; 9–11 a.m.*

*Location: Phelps 2536*

*Part B: Thursday, March 8, 2012; 9–11 a.m.*

*Location: Phelps 2536*

**LIMITED SUBMISSION DEADLINES**

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

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

Programs with upcoming campus deadlines include:

- **Dana Foundation Using Brain and Immune Imaging Innovations to Improve Human Health 2012**—Campus Notice of Intent 1/23/12; Agency Pre-proposal 2/28/12
• NEA Grants for Arts—Campus Notice of Intent 1/30/12; Agency deadlines 3/8/12, 5/24/12, 8/9/12
• NSF Planning a Partnership Model for a Giant Segmented Mirror Telescope—Campus Notice of Intent 2/13/12; Agency deadline 4/16/12
• NIH Shared Instrumentation Grant—Campus Notice of Intent 2/21/12; Agency deadline 3/21/12

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

• NIH Initiative for Maximizing Student Development—Agency deadline 1/25/12
• NIH Diabetes Research Centers (P30)—Agency Letter of Intent 1/31/12; Agency deadline 2/29/12
• NSF Sustainable Energy Pathways (SEP)—Agency deadline 2/1/12
• NSF Ethics Education in Science and Engineering (EESE)—Agency Full Proposal 3/1/12
• NIH Silvio O. Conte Digestive Diseases Research Core Centers (P30)—Agency Letter of Intent 3/2/12; Agency deadline 3/30/12
Data provided by Office of Research. “()” represent investigators' home departments when those are different from the administering unit.


Bowers, J.E., Electrical and Computer Engineering, $100,000, Intel Corporation, "Scalable, Athermal, Low Power, High Bandwidth Silicon Photonic Technologies."

Chabinyc, M. (Materials), Bazan, G.C. (Materials), Materials Research Laboratory, $1,575,000, UC Berkeley, "Control of Thermal and Electrical Transport in Organic and Composite Materials Through Molecular and Nanoscale Structure."

Charles, M. (Sociology), Institute for Social, Behavioral, and Economic Research, $60,000, Russell Sage Foundation, "Who Cares? Mothers, Daughters and the Intergenerational Reproduction of Female Care Work."

Culver, C.S., Marine Science Institute, $33,055, UC Sea Grant College Program, "Strategies for Managing West Coast Risks of Dreissenid Mussel Populations Associated with Long-Distance Water Conveyance Systems."

Daugherty, P.S. (Chemical Engineering), Center for Bioengineering, $60,000, Corning Incorporated, "Collaborative Research and Development Proposal: Identification of Novel Pharmacologically Active Peptides with Drug-like Properties Using Corning Epic System."

Dudley, T.L., Marine Science Institute, $217,665, Walton Family Foundation, Inc., "Restoration Planning and Assessment for the Virgin River."

Fredrickson, G.H. (Chemical Engineering), Mitsubishi Chemical Center for Advanced Materials, $100,000, Mitsubishi Group (Japan), "MRC-NRT-2: New Strategies for the Synthesis of Isotactic Polyacrylonitrile."

Gaines, S. (Ecology, Evolution and Marine Biology), Costello, C.J. (Bren School of Environmental Science and Management), Marine Science Institute, $100,901, Gordon and Betty Moore Foundation, "The World’s Unassessed Fisheries: Status, Trends, and Food Security Implications."

Gibson, J.D., Electrical and Computer Engineering, $75,000, Raytheon Applied Signal Technology, Inc., "Low Complexity Video Encoding and High Complexity Video Decoding."

Giddings, S.B., Physics, $130,349, Simons Foundation, "Foundational Problems in Gravitational and High Energy Physics."

Giesbrecht, B.L. (Psychological and Brain Sciences), Institute for Collaborative Biotechnologies, $66,405, DCS Corporation, "Predicting Task Lapses During High Mental Workload and Multisensory Stimulation."

Hawker, C.J. (Materials), Mitsubishi Chemical Center for Advanced Materials, $100,000, Mitsubishi Group (Japan), "MRC-NRT-1: Sequence and Structurally Controlled Poly(acrylonitrile)."

Keller, A.A. (Bren School of Environmental Science and Management), Earth Research Institute, $63,554, Electric Power Research Institute, "Modeling Nutrient Credit Calculations in Ohio River Basin."

Marek-Sadowska, M., Electrical and Computer Engineering, $90,000, Semiconductor Research Corporation, "Early Stage Design Exploration Tool for 2D and 3D Stacked Multicore of CPUs + GPUs."

Mazer, S.J. (Ecology, Evolution and Marine Biology), Marine Science Institute, $304,002, University of Minnesota, "Project Baseline, A Living Plant Genome Reserve for the Study of Evolution."

Miller, M.B. (Psychological and Brain Sciences), Giesbrecht, B.L. (Psychological and Brain Sciences), Institute for Collaborative Biotechnologies, $77,000, DCS Corporation, "Using Neural Biomarkers to Predict and Guide an Individual’s Ability to Optimally Adapt Decision Rules."

Mitragotri, S.S. (Chemical Engineering), Center for Bioengineering, $60,000, Corning Incorporated, "Sono-Enzymatic Digestion of Tissues for Whole-Cell Analysis."

Morrison, G., Graduate Division, $219,875, U.S. Department of Education, "Jacob K. Javits Graduate Fellowship."

Pollock, T., Materials, $5,000, CalRAM Inc., "Near-Net Shape Fabrication of Titanium Aluminide by Electron Beam Melting."

Schooler, J., Gable, S.L., Psychological and Brain Sciences, $399,639, John Templeton Foundation, "The Role of Daydreaming in Fostering Creativity in the Lab and the Field."

Scott, S.L., Chemical Engineering, $97,160, National Science Foundation, "SusChEM Workshop."


Stemmer, S., Materials, $40,000, Agile Materials and Technologies, Inc., “High Performance Complex Oxide Thin Film Materials to Enable Switchable Film Bulk Acoustic Resonators (FBAR) for Low-Loss Radio Frequency Devices.”

Yan, X., Computer Science, $219,650, University of Maryland, “Developing a Science of Cybersecurity: Graph-Centric Metrics, Monitoring, and Composite Analysis of Adversarial Activities on Networks.”

Yeager, E. (Education), Green, J. (Education), Gevirtz Research Institute, $35,234, The Center for Cultural Judaism, “Posen Foundation Education Program (PFEP) - UCSB.”
Helpful Hints

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

Department of Agriculture (USDA)

1/31/2012  Pre-proposals (required)

Conservation Innovation Grants FY 2012
Department of Agriculture (USDA)

Contact: Gregorio Cruz, 202/720-8071, gregorio.cruz@wdc.usda.gov

Solicitation number:
The Natural Resources Conservation Service (NRCS), an agency under the United States Department of Agriculture, is announcing availability of Conservation Innovation Grants (CIG) to stimulate the development and adoption of innovative conservation approaches and technologies. For fiscal year 2012, NRCS is offering a national CIG funding opportunity focus in the following areas: Nutrient Management, Energy Conservation, Soil Health, Wildlife, and CIG Projects Assessment.

Department of Commerce (DOC)

Ongoing

NOAA FY 2012-2013 Broad Agency Announcement (BAA)
Department of Commerce, National Oceanic and Atmospheric Administration (NOAA)
http://www07.grants.gov/search/search.do?oppId=132454&mode=VIEW

Contact: Varies with research interest

Solicitation number:
The purpose of this notice is to request applications for special projects and programs associated with NOAA's strategic plan and mission goals. This BAA is a mechanism to encourage research, education and outreach, innovative projects, or sponsorships that address one or more of the following four mission goal descriptions contained in the NOAA Strategic Plan: 1. Climate Adaptation and Mitigation and responding to climate and its impacts; 2. Weather-Ready Nation; 3. Healthy Oceans; 4. Resilient Coastal Communities and Economies. Full applications can be submitted on a rolling basis until September 30, 2013.

Ongoing

Measurement Science and Engineering (MSE) Research Grant Programs
Department of Commerce, National Institute of Standards and Technology (NIST)
http://www.grants.gov/search/search.do?mode=VIEW&oppId=133134

Contact: Varies with research interest

Solicitation number: 2012-NIST-MSE-01

NIST is soliciting proposals for financial assistance for FY 2012 under the following programs:
(1) Material Measurement Laboratory (MML) Grant Program;
(2) Physical Measurement Laboratory (PML) Grant Program;
(3) Engineering Laboratory (EL) Grant Program;
(4) Fire Research Grant Program;
(5) Information Technology Laboratory (ITL) Grant Program;
(6) NIST Center for Neutron Research (NCNR) Grant Program;
(7) Center for Nanoscale Science and Technology (CNST) Grant Program;
(8) Standards Services Group (SSG) Grant Program; and
(9) Office of Special Programs (OSP) Grant Program
2/28/2012  Abbreviated Proposal (required)
5/3/2012  Full Proposal (by invitation only)

**Precision Measurement Grant Program**
Department of Commerce, National Institute of Standards and Technology (NIST)


Contact: Peter Mohr, 301/975-3217, mohr@nist.gov

Solicitation number: 2012-NIST-PMGP-01

NIST is soliciting proposals from eligible proposers to support significant research in the field of fundamental measurement or the determination of fundamental constants. NIST anticipates funding two projects for up to three years at $50K per year.

2/7/2012  Pre-proposals (required)
4/17/2012  Full Proposals (by invitation only)

**NOAA Sea Grant Aquaculture Research Program 2012**
Department of Commerce, National Oceanic and Atmospheric Administration (NOAA)

http://www.grants.gov/search/search.do?mode=VIEW&oppId=135993

Contact: Gene Kim, 301/734-1281, oar.hq.sg.aquaculture@noaa.gov

Solicitation number: NOAA-OAR-SG-2012-2003249

NOAA expects to have approximately $3.2M available for a national competition to fund marine aquaculture research projects for FY 2012. This is part of the overall plan to support the development of environmentally and economically sustainable ocean, coastal, or Great Lakes aquaculture. Priorities for this FY 2012 competition include: Research to inform specific regulatory decisions; Research that supports multi-use spatial planning; and Socio-economic research targeted to understand aquaculture in a larger context. Proposals must be able to express how the proposed work will have a high probability of significantly advancing U.S. marine aquaculture development in the short-term (1-2 years) or medium-term (3-5 years). This Federal Funding Opportunity includes information on application and criteria for aquaculture research projects requesting a total of $50K to $500K in federal funding for up to a two-year period. Matching funds are required.

3/15/2012  Proposal

**NIST Center for Neutron Research (NCNR) Comprehensive Grant Program**
Department of Commerce, National Institute of Standards and Technology (NIST)


Contact: Dan Neumann, 301/975-5252, dan@nist.gov

Solicitation number: 2012-NIST-NCNR-01

The NCNR is soliciting proposals from eligible proposers to support research involving Neutron Research and Spectroscopy specifically aimed at assisting visiting researchers at NCNR, developing new instrumentation for Neutron Research, conducting collaborative research with NIST scientists, and to conduct other outreach and educational activities that advance the use of neutrons by U.S. academia and industrial scientists.

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**Department of Defense (DOD)**

Ongoing

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

Air Force Office of Scientific Research (AFOSR)

http://www07.grants.gov/search/search.do?oppId=88213&mode=VIEW

Contact: Varies with research interest

Solicitation number: AFOSR-BAA-2011-1

AFOSR supports basic research in three scientific areas: Aerospace, Chemical and Material Sciences; Physics and Electronics; and Mathematics, Information and Life Sciences. AFOSR is seeking unclassified white papers and proposals for fundamental research. Awards average $150K per year and may be proposed for up to five years. Proposals may be submitted at any time, though it is recommended to contact the appropriate program manager prior to submission.
The ERDC is responsible for conducting research in the broad fields of hydraulics, dredging, coastal engineering, instrumentation, oceanography, remote sensing, geotechnical engineering, earthquake engineering, soil effects, vehicle mobility, self-contained munitions, military engineering, geophysics, pavements, protective structures, aquatic plants, water quality, dredged material, treatment of hazardous waste, wetlands, physical/mechanical/chemical properties of snow and other frozen precipitation, infrastructure and environmental issues for installations, computer science, telecommunications management, energy, facilities maintenance, materials and structures, engineering processes, environmental processes, land and heritage conservation, and ecological processes. Those interested in submitting research proposals to ERDC are encouraged to make preliminary inquiries.

Ongoing

**Long Range Broad Agency Announcement for Navy and Marine Corps Science & Technology**
Office of Naval Research (ONR)
http://www.onr.navy.mil/~/media/Files/Funding-Announcements/BAA/2012/12-001.ashx
Contact: Varies with research interest
Solicitation number: BAA12-001

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

Ongoing

**NRL Broad Agency Announcement**
Naval Research Laboratory
Contact:
Solicitation number: BAA-N00173-02

NRL conducts basic and applied research for the Navy in a variety of scientific and technical disciplines. NRL contributes to this requirement by conducting research in the following areas, organized into NRL’S Naval Center for Space Technology and three research directorates: Systems, Materials Science and Component Technology, and Ocean and Atmospheric Science and Technology. Interested offerors must first submit a white paper (WP). White Papers are continuously accepted. Proposals are only accepted upon request.

Ongoing

**Navy and Marine Corps Science, Technology, Engineering and Mathematics (STEM) Programs**
Office of Naval Research (ONR)
http://www.onr.navy.mil/~/media/Files/Funding-Announcements/BAA/2012/12-002.ashx
Contact: Varies with research interest
Solicitation number: 12-002

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

Air Force Office of Scientific Research (AFOSR)

http://www.grants.gov/search/search.do?mode=VIEW&oppId=129053

Contact: Varies with research interest

Solicitation number: BAA-AFOSR-2012-02

The AFOSR solicits projects that explore the following themes: Reliance Optimization for Autonomous Systems; Origami Design for the Integration of Self-assembling Systems for Engineering Innovation; Microresonator-Based Optical Frequency Combs; Active, Functional Nanoscale Oxides; Ultracold and Strongly Coupled Plasmas; New Optimization and Computational Paradigms for Design under Uncertainty of Complex Engineering Systems; and Bio-Nanocombinatorics. Awards average $150K per year and may be proposed for up to five years. White papers are strongly encouraged prior to submitting a full proposal. Proposals may be submitted at any time.

3/31/2012 Proposal

Research Initiatives at the Naval Postgraduate School

Naval Postgraduate School (NPS)

http://nps.edu/Research/WorkingwithNPS.html

Contact: Varies with research interest

Solicitation number: NPS-BAA-11-001

NPS is interested in receiving proposals for research initiatives which offer potential for advancement and improvement in the NPS core mission of graduate education and research. This is an announcement to declare NPS’s solicitation in competitive funding of meritorious research initiatives across a spectrum of science and engineering, business and policy, operational and informational sciences, and interdisciplinary disciplines that support the NPS’ graduate education and research mission. Prior to preparing proposals, potential offerors are strongly encouraged to contact an NPS point of contact (POC) whose program best matches the offeror’s field of interest. Submission of a white paper before the proposal is encouraged.

Department of Education

2/13/2012 Applications

NIDRR Research Fellowships Program

Department of Education

http://www2.ed.gov/programs/resfel/index.html

Contact: Varies with research interest

Solicitation number:

The purpose of the National Institute on Disability and Rehabilitation Research Fellowships Program is to build research capacity by providing support to highly qualified individuals, including those who are individuals with disabilities, to perform research on the rehabilitation of individuals with disabilities. Fellows must conduct original research in an area authorized by section 204 of the Rehabilitation Act of 1973, as amended (the Act). Section 204 authorizes research, demonstration projects, training, and related activities, the purposes of which are to develop methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency, of individuals with disabilities, especially individuals with the most significant disabilities, and to improve the effectiveness of services authorized under the Act. The program provides two categories of Research Fellowships: Merit Fellowships (up to $65K) and Distinguished Fellowships (up to $75K). To be eligible for a Merit Fellowship, an individual must have either advanced professional training or experience in independent study in an area which is directly pertinent to disability and rehabilitation. To be eligible for a Distinguished Fellowship, an individual must have seven or more years of research experience in subject areas, methods, or techniques relevant to rehabilitation research and must have a doctorate, other terminal degree, or comparable academic qualifications.

Department of Energy (DOE)
Conferences, Outreach, and Networking for New Energy Communities and Technologies (CONNECT)
Department of Energy, Advanced Research Projects Agency - Energy (ARPA-E)
https://arpa-e-foa.energy.gov/-dc6d9e9a-eb4e-4cc8-b8ed-c7845e499b30
Contact: ARPA-E-CO@hq.doe.gov
Solicitation number: DE-FOA-0000475
ARPA-E seeks to support energy technology conferences, workshops, and other events that will involve the exchange or dissemination of technical data and information, the transfer of advanced energy technologies to the private sector, the education of targeted audiences about energy technologies and their potential impact(s), the promotion of investment or business opportunities for advanced energy technologies, and the formation of new partnerships, collaborations, and networks among energy researchers, technologists, entrepreneurs, and investors. Individual awards may vary between $5K and $25K. Applications will be accepted on a continuous, rolling basis. ARPA-E will evaluate applications on a quarterly basis.

Department of the Interior (DOI)
2/23/2012 Application
Water Resources Research National Competitive Grants Program
Department of the Interior, U.S. Geological Survey
https://niwr.net/competitive_grants/RFP
Contact: John Schefter, 703/648-6800, schefter@usgs.gov
Solicitation number:
The U.S. Geological Survey in cooperation with the National Institutes for Water Resources requests proposals for matching grants to support research on the topic of improving and enhancing the nation’s water supply, including (but not limited to) enhancement of water supply infrastructure, development and evaluation of warning systems for extreme hydrological events, integrated management of ground and surface waters, and the resilience of public water supplies. Proposals are sought in not only the physical dimensions of supply, but also the role of economics and institutions in water supply and in coping with extreme hydrologic conditions. Proposals may be for projects of one to three years in duration and may request up to $250K in federal funds. Successful applicants must match each dollar of the federal grant with one dollar from non-federal sources. Please coordinate with Julie Drouyor for any California submissions before the deadline.

Institute of Museum and Library Services (IMLS)
2/1/2012 Application
Sparks! Ignition Grants for Libraries and Museums
Institute of Museum and Library Services
Contact: Varies with research interest
Solicitation number:
The Sparks! Ignition Grants for Libraries and Museums are a special funding opportunity within the IMLS National Leadership Grants program. These small grants encourage libraries, museums, and archives to test and evaluate specific innovations in the ways they operate and the services they provide. Sparks Grants support the deployment, testing, and evaluation of promising and groundbreaking new tools, products, services, or organizational practices. You may propose activities or approaches that involve risk, as long as the risk is balanced by significant potential for improvement in the ways libraries and museums serve their communities.

Successful proposals will address problems, challenges, or needs of broad relevance to libraries, museums, and/or archives. A proposed project should test a specific, innovative response to the identified problem and present a plan to make the findings widely and openly accessible. Sparks Grant awards range from $10K to $25K.
**National Leadership Grants FY12**

Institute of Museum and Library Services

http://www.imls.gov/applicants/detail.aspx?GrantId=14

Contact: Varies with research interest

Solicitation number:

National Leadership Grants support projects that address challenges faced by the museum, library, and/or archive fields and that have the potential to advance practice in those fields. Successful proposals will seek innovative responses to the challenge(s) identified in the proposals, and will have national impact.

The National Leadership Grant program accepts applications under four main categories:

- **Advancing Digital Resources**—Support the creation, use, presentation, and preservation of significant digital resources as well as the development of tools to enhance access, use, and management of digital assets.
- **Research**—Support research that investigates key questions that are important to museum, library, and archival practice.
- **Demonstration**—Support projects that produce a replicable model or practice that is usable, adaptable, or scalable by other institutions for improving services and performance.
- **Library Museum Collaboration Grants**—Support collaborative projects (between museums and/or libraries and other community organizations) that address the educational, economic, cultural, or social needs of a community. In 2012, a funding priority will be projects that promote early learning.

Applicants may choose to submit a Project Grant ($50K to $500K), Planning Grant (up to $50K), or National Forum Grant (up to $100K) proposal in any of the above categories. In order to receive an NLG grant, you must provide funds from non-federal sources in an amount that is equal to or greater than the amount of the grant (except for the Research category or for grants under $250K).

**Institute of Peace**

Ongoing

**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)**

Ongoing

**Topical Workshops, Symposia, and Conferences**

National Aeronautics and Space Administration


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

Solicitation number: NNH11ZDA001N-TWSC

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

National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=255984/B%20206%20LWS%20TRT%20FINAL_clarifie

Contact: Madhulika Guhathakurta, 202/358-1992, lws.trt@nasa.gov

Solicitation number: NNH11ZDA001N-LWSTRT

The goal of this program is to develop the scientific understanding needed for the United States to effectively address those aspects of Heliophysics science that may affect life and society. The LWS Targeted Research and Technology (TR&T) program element solicits proposals leading to a physics-based understanding of the integral system linking the Sun to the Solar System both directly and via the heliosphere, planetary magnetospheres, and ionospheres. The TR&T program’s objectives can be achieved by data analysis, theory, and modeling, and the development of tools and methods.

Astrophysics Research and Analysis Program

National Aeronautics and Space Administration


Contact: Ilana Harrus, 202/358-1250, ilana.m.harrus@nasa.gov

Solicitation number: NNH11ZDA001N-APRA

This program solicits basic research proposals for investigations that are relevant to NASA’s programs in astronomy and astrophysics and includes research over the entire range of photons, gravitational waves, and particles of cosmic origin. Proposals for developing experimental concepts and related technology for future NASA fundamental physics missions are solicited. Four-year or five-year proposals must be well justified; shorter-term proposals are typical. Proposals are solicited in the following categories: 1) Detector Development; 2) Suborbital Investigations; 3) Supporting Technology; 4) Laboratory Astrophysics; and 5) Ground-Based Observations.

NASA Astrobiology Institute

National Aeronautics and Space Administration


Contact: Mary Voytek, 202/358-1577, mary.voytek-1@nasa.gov

Solicitation number: NNH12ZDA002C

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

Cycle 20 Call for Proposals for Hubble Space Telescope (HST)

National Aeronautics and Space Administration

http://www.stsci.edu/hst/proposing/docs/cycle20announce

Contact: Varies with research interest

Solicitation number:

NASA and The Space Telescope Science Institute (STScI) are pleased to announce the Cycle 20 Call for Proposals for Hubble Space Telescope (HST) Observations and funding for Archival Research and Theoretical Research programs. HST observations can be requested with a General Observer or a Snapshot Proposal. Funding for projects that do not require new HST observations can be requested with an Archival Research or a Theory Proposal. A special proposal type exists for Calibration Programs. Proposals can also request observing time on Chandra, XMM-Newton, or NOAO facilities. At any time scientists can request Director’s Discretionary (DD) time for unanticipated and scientifically compelling astronomical observations. U.S. Investigators with approved proposals are strongly encouraged to submit an associated Education/Public Outreach (E/PO) Proposal.
Astrobiology - Exobiology and Evolutionary Biology
National Aeronautics and Space Administration


Contact: Michael New, 202/358-1766, HQ-EXO@mail.nasa.gov
Solicitation number: NNH11ZDA001N-EXO

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

Heliophysics Research – Solar and Heliospheric Science
National Aeronautics and Space Administration


Contact: Jeffrey Newmark, 202/358-0684, Jeffrey.Newmark@nasa.gov
Solicitation number: NNH11ZDA001N-SHP

The program has as its objective the comprehensive study of all five solar and heliospheric research areas, namely: Solar interior; Solar photosphere; Solar chromospheres, transition region, and corona; Inner heliosphere; and Outer heliosphere and the interstellar boundary. His program has four main research thrusts, nonflight Supporting Research; a Guest Investigator Program; Instrument and Technology Development (ITD) that may be carried out in the laboratory and/or observatory; and payloads on balloons, sounding rockets, or as secondary, rocket-class payloads on flights of opportunity that are generically referred to as low cost access to space.

National Archives and Records Administration (NARA)

4/2/2012 Draft Deadline (optional)
6/7/2012 Final Deadline

Digitizing Historical Records
National Archives and Records Administration


Contact: Nancy Melley, 202/357-5452, nancy.melley@nara.gov
Solicitation number: DIGITIZING-201206

NARA seeks proposals that use cost-effective methods to digitize nationally significant historical record collections and make the digital versions freely available online. Projects must make use of existing holdings of historical repositories and consist of entire collections or series. The materials should already be available to the public at the archives and described so that projects can reuse existing information to serve as metadata for the digitized collection. A grant normally is for one to three years and up to $150K. Cost sharing is required.

National Endowment for the Arts (NEA)
Grants for Arts FY 2013 - Limited Submission

National Endowment for the Arts

http://www.arts.gov/grants/apply/

Contact: Varies with research interest

Solicitation number:

Grants for Arts supports projects in two categories: Art Works projects support the creation of art that meets the highest standards of excellence, public engagement with diverse and excellent art, lifelong learning in the arts, and the strengthening of communities through the arts. An organization may request a grant amount from $10K to $100K. Applications will be accepted under two deadlines. Apply under the deadline with the outcome (creation, engagement, learning, or livability) that most closely corresponds to the primary focus of the proposed project.

Challenge America Fast-Track grants of $10K support projects that extend the reach of the arts to underserved populations.

Areas and disciplines include: Artist Communities, Arts Education, Dance, Design, Folk & Traditional Arts, Literature, Local Arts Agencies, Media Arts, Museums, Music, Opera, Presenting, Theater & Musical Theater, and Visual Arts.

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

3/1/2012 Application

Literature Fellowships

National Endowment for the Arts

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

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

Solicitation number: CFDA 45.024

This program offers $25K grants in prose (fiction and creative nonfiction) and poetry to published creative writers that enable the recipients to set aside time for writing, research, travel, and general career advancement. For the year 2013, only fellowships in poetry are available.

National Endowment for the Humanities (NEH)

Digital Humanities Implementation Grants

National Endowment for the Humanities, Office of Digital Humanities

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

Contact: odh@neh.gov

Solicitation number: CFDA 45.169

This program is designed to fund the implementation of innovative digital-humanities projects that have successfully completed a start-up phase and demonstrated their value to the field. Such projects might enhance our understanding of central problems in the humanities, raise new questions in the humanities, or develop new digital applications and approaches for use in the humanities. The program can support innovative digital-humanities projects that address multiple audiences, including scholars, teachers, librarians, and the public. Proposals are welcome for digital initiatives in any area of the humanities. Awards are for one to three years and range from $100K to $325K.
**Summer Seminars and Institutes**

National Endowment for the Humanities, Division of Education Programs


Contact: 202/606-8471, sem-inst@neh.gov

Solicitation number: CFDA 45.163

These grants support faculty development programs in the humanities for school teachers and for college and university teachers. NEH Summer Seminars and Institutes may be as short as two weeks or as long as five weeks. The duration of a program should allow for a rigorous treatment of its topic. The program formats are: Seminar for school teachers—16 participants; Institute for school teachers—25 to 30 participants; Seminar for college and university teachers—16 participants; and Institute for college and university teachers—25 participants. NEH anticipates that awards for seminars will range between $70K and $140K for a grant period of 12 months. Awards for institutes range from $90K to $200K for a grant period of 15 months.

**Institutes for Advanced Topics in the Digital Humanities**

National Endowment for the Humanities, Office of Digital Humanities


Contact: odh@neh.gov

Solicitation number: CFDA 45.169

These NEH grants support national or regional (multistate) training programs for scholars and advanced graduate students to broaden and extend their knowledge of digital humanities. Through these programs, NEH seeks to increase the number of humanities scholars using digital technology in their research and to broadly disseminate knowledge about advanced technology tools and methodologies relevant to the humanities. The projects may be a single opportunity or offered multiple times to different audiences. Institutes may be as short as a few days and held at multiple locations or as long as six weeks at a single site. NEH strongly encourages applicants to develop proposals for multidisciplinary teams of collaborators that will offer the necessary range of intellectual, technical, and practical expertise. Awards normally range from $50K-$250K for one to three years.

**Americas Music - A Film History of Our Popular Music from Blues to Bluegrass to Broadway**

National Endowment for the Humanities, Division of Public Programs


Contact: 312/280-5045, publicprograms@ala.org

Solicitation number: CFDA 45.164

This program is six weeks and features documentary film screenings and scholar-led discussions of twentieth-century American popular music. The six sessions focus on these uniquely American musical genres: blues and gospel, Broadway, jazz, bluegrass and country, rock ‘n’ roll, and mambo and hip hop. The project will offer participating organizations training in how to organize, promote, and run the series successfully. All libraries and nonprofit organizations selected to implement the public program will receive grants of $2.5K for project expenses. Fifty organizations will be selected.

**National Institutes of Health (NIH)**

**Application of Genomic Advances to Wound Repair (R01)**

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


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

Solicitation number: RFA-NR-12-002

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

National Institutes of Health


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

Solicitation number: RFA-RM-11-014

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

Early-Stage Innovative Technology Development for Cancer Research (R21)

National Institutes of Health, National Cancer Institute (NCI)


Contact:  Tony Dickherber, 301/827-4374, dickherberaj@mail.nih.gov

Solicitation number: RFA-CA-12-002

This Funding Opportunity Announcement (FOA) solicits exploratory research projects focused on the inception and development of early stage, highly innovative, technologies or emerging technologies with significant transformative potential that has not yet been explored in a cancer-relevant use. The emphasis of this FOA is on technologies with a high degree of technical innovation with the potential to significantly affect and transform investigations exploring the molecular and cellular bases of cancer. If successful, these technologies would accelerate and/or enhance research in the areas of cancer biology, prevention, diagnosis and treatment, control, epidemiology, and/or cancer health disparities. Technologies proposed for development may be intended to have widespread applicability but must be based on molecular and/or cellular characterizations of cancer.

This funding opportunity is part of a broader NCI-sponsored Innovative Molecular Analysis Technologies (IMAT) Program consisting of the following three areas, and comprising 4 separate RFAs:
- Innovative Technology Development for Cancer Research (this FOA)
- Emerging Technology Development for Cancer Research (RFA-CA-12-003, using the R33 funding mechanism), designed to support further development of emerging technologies that have the potential to be transformative when used for cancer research and/or in cancer-relevant clinical care; and
- Innovative and Applied Emerging Technologies in Biospecimen Science (RFA-CA-12-004, using the R21 funding mechanism, and RFA-CA-12-005, using the R33 funding mechanism), which is centered on the development and validation of novel technologies for cancer-relevant biospecimens. The emphasis is on issues related to pre-analytical variations in the collection, processing, handling, and storage of cancer-relevant biospecimens or their derivatives to improve their quality and utility in cancer research.
This FOA invites submission of investigator-initiated Program Project Applications. The proposed programs should address scientific areas relevant to the NIDDK mission including diabetes, endocrine and metabolic diseases, digestive diseases and nutrition, and kidney, urologic and hematologic diseases, as well as new approaches to prevent, treat and cure these diseases, including clinical research. Applications must have budgets greater than or equal to $500K in direct costs per year. New (Type 1) and renewal (Type 2) program project applications cannot request more than $6.25M in direct costs over the maximum project period, five years.

This FOA invites submission of investigator-initiated Resource-Related Research Projects (R24) applications. These applications are limited to the research priorities of the Division of AIDS (DAIDS), and the Division of Allergy, Immunology and Transplantation (DAIT). The proposed resource must provide a significant benefit to currently funded high priority projects in need of further coordination and support in the areas specified. The proposed applications must address scientific areas relevant to the specific parts of the NIAID mission including the biology, pathogenesis, and host response to HIV; the mechanisms of normal immune function and immune dysfunction resulting in autoimmunity, immunodeficiency, allergy, asthma, and transplant rejection; and research to develop vaccines, therapeutics, and diagnostics to prevent and treat HIV, immune-mediated, and allergic diseases.

This FOA invites the submission of investigator-initiated program project (P01) applications relevant to the NIA mission. Each P01 submitted in response to this FOA must include at least three related research projects that share a common central theme, focus, and/or overall objective. The maximum project period is five years. The companion FOA is PAR-10-284, National Institute on Aging: Revision Requests for Active Program Projects (P01).
**NIDDK Education Program Grants (R25)**

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


Contact: Varies with research interest

Solicitation number: PAR-12-047

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

**National Cancer Institute (NCI) Cancer Education and Career Development Program (R25)**

National Institutes of Health, National Cancer Institute (NCI)


Contact: Dorkina Myrick, 301/496-8580, myrickd@mail.nih.gov

Solicitation number: PAR-10-165

This FOA represents the continuation of the Cancer Education and Career Development Program (CECDP) established by the NCI. The purpose of the CECDP is to support the development and implementation of institutional curriculum dependent predoctoral or postdoctoral programs in the areas of cancer prevention and control, behavioral and population sciences research, nutrition, epidemiology, and/or biostatistics. Total direct costs may not exceed $100K annually. The maximum project period for an award is five years.

**NIAID Science Education Awards (R25)**

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


Contact: Diane Adger-Johnson, 301/402-8969, da15a@nih.gov

Solicitation number: PAR-11-086

This FOA encourages applications that focus on the development of science education for K-12 students. It is expected that these education programs will provide outreach to a large audience of students at a national level, directly or through their teachers, using approaches where successes can be measured. Although the size of award may vary with the scope of the research education program application, the total direct costs are limited to $175K annually. The maximum project period is five years.
NHLBI Investigator-Initiated Resource-Related Research Projects (R24)
National Institutes of Health, National Heart, Lung, and Blood Institute (NHLBI)


Contact: Varies with research interest
Solicitation number: PAR-11-090

This FOA invites Resource-Related Research Project applications (R24) to support projects that will enhance the capabilities of ongoing basic, translational, and clinical research through the development of resources or infrastructure for use by the broader scientific community for furthering research. Only applications with budgets greater than $500K direct costs in at least one budgeted year will be considered for funding. The maximum project period is five years.

Genomic Resource Grants for Community Resource Projects (U41)
National Institutes of Health, National Human Genome Research Institute (NHGRI)


Contact: Varies with research interest
Solicitation number: PAR-11-095

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

Technology Development for High-Throughput Structural Biology Research (P01)
National Institutes of Health, National Institute of General Medical Sciences (NIGMS)


Contact: Peter Preusch, 301/594-1158, preuscp@nigms.nih.gov
Solicitation number: PAR-10-074

This FOA seeks grant applications that propose to develop novel technologies and methodologies underpinning high-throughput structural biology. Applications should focus on methods development to solve challenging proteins that are not currently amenable to high-throughput structural biology. These challenging proteins include, but are not limited to, membrane proteins, small protein complexes, and proteins from human and other higher eukaryotes. This FOA runs in parallel with one of identical scientific scope, PAR-10-073, that encourages applications under the R01 mechanism.

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


Contact: Alan McLaughlin, 301/496-9321, mclaugal@mail.nih.gov
Solicitation number: PAR-10-153

This FOA encourages grant applications for Biomedical Technology Resource Centers (BTRC's) that are funded using the P41 mechanism. BTRC's conduct research and development on new technologies that are driven by the needs of basic, translational, and clinical researchers. BTRC's also make their technologies available, train members of the research community in the use of the technologies, and disseminate these technologies broadly. Direct costs (excluding equipment) are limited to $700K per year for up to five years. Direct costs for equipment are limited to $500K for the duration of the project.
NIDA Program Project Grant Applications (P01)

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

http://grants.nih.gov/grants/guide/pa-files/PAR-10-244.html

Contact: Varies with research interest

Solicitation number: PAR-10-244

This FOA is to provide support for applications that propose broadly based investigative efforts with a well defined central focus or object to address critical issues in drug abuse and addiction involving neuroscience, behavior, prevention, treatment, epidemiology, etiology, health services, HIV/AIDS or other drug abuse-related research areas. There should be evidence that a program project grant is essential for the accomplishment of the research activities. Applicants may request support for up to five years.

NICHD Program Project Grant (P01)

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


Contact: Varies with research interest

Solicitation number: PAR-10-245

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

Support of NIGMS Program Project Grants (P01)

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


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

Solicitation number: PAR-11-220

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

NHLBI Program Project Applications (P01)

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


Contact: Varies with research interest

Solicitation number: PAR-10-285

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

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


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

Solicitation number: PAR-10-289

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

Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants (Parent T32)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-11-184

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

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

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-11-185

The NIH will award Ruth L. Kirschstein National Research Service Award (NRSA) Short-Term Institutional Research Training Grants (T35) to eligible institutions to develop or enhance research training opportunities for predoctoral and postdoctoral level individuals interested in careers in biomedical, behavioral and clinical research. Many of the NIH Institutes and Centers (ICs) use this grant mechanism exclusively to support intensive, short-term research training experiences for students in health professional schools during the summer. In addition, the Short-Term Institutional Research Training Grant may be used to support other types of predoctoral and postdoctoral training in focused, often emerging scientific areas relevant to the mission of the funding IC. The proposed training must be in basic, behavioral or clinical research aspects of the health-related sciences. Because of the differences in IC program requirements for this FOA, prospective applicants MUST consult the Table of IC-Specific Information, Requirements and Staff Contacts (http://grants.nih.gov/grants/guide/contacts/parent_T35.html), to make sure that their application is appropriate for one of the participating NIH ICs. Prior consultation with NIH staff is strongly encouraged.
NIA Alzheimers Disease Genetics Data Warehouse (U24)
National Institutes of Health, National Institute on Aging (NIA)
Contact: Marilyn Miller, 301/496-9350, millerm@nia.nih.gov
Solicitation number: PAR-11-175
NIA invites applications specific to infrastructure related to storage and analysis of primary and secondary data for the genetics of Alzheimer’s Disease. This FOA addresses NIA’s vital need for a central warehouse for the exchange of AD genetics and related data. The research resource should provide a large database of publicly available sequence and annotation data along with an integrated tool set for examining and comparing the genomes of affected and unaffected individuals, aligning sequence to genomes, and displaying and sharing users’ own annotation data. Besides data storage and data processing, the Data Warehouse should provide effective mechanisms for data distribution. NIH intends to fund one award, corresponding to a total of $500K, over a maximum period of five years.

NINDS Program Project Grant (P01)
National Institutes of Health, National Institute of Neurological Disorders and Stroke (NINDS)
Contact: Alan Willard, 301/496-9248, aw135y@nih.gov
Solicitation number: PAR-11-172
This FOA enables submission of program project grant applications that propose to conduct innovative, interactive research to answer significant scientific questions that are important for the mission of NINDS, via a synergistic collaboration between outstanding scientists who might not otherwise collaborate. The program project grant mechanism is designed to support research in which the funding of several interdependent highly meritorious projects as a group offers significant scientific advantages over support of these same projects as individual research grants. The maximum project period for these awards is five years.

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

Educational Programs for Demography and Population Science, Family Planning and Contraception, and Reproductive Research
National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)
Contact: Regina Bures, 301/496-9485, regina.bures@nih.gov
Solicitation number: PAR-11-292
This FOA encourages Research Education Project (R25) grant applications for educational activities related to Demography and Population Science, Family Planning and Contraception, and Reproductive Research. NICHD encourages applications for educational programs for interdisciplinary approaches, methodology, and the dissemination and use of existing datasets. Although total direct costs are not capped, budget requests of more than $175K per year must be fully justified. The maximum project period is five years.
Initiative for Maximizing Student Development FY2012 - Limited Submission

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


Contact: Alberto Rivera-Rentas, 301/594-3900, riverara@nigms.nih.gov

Solicitation number: PAR-09-104

This program is an opportunity to develop new or expand existing effective institutional developmental programs designed to academically and scientifically prepare underrepresented (UR) students in the biomedical or behavioral sciences for competitive research careers and leadership positions in these fields. The goals of the IMSD program are to (a) increase the number of UR students that graduate from Ph.D. programs in the biomedical and behavioral sciences at institutions with research intensive environments; and (b) reduce the gap in the completion of Ph.D. degrees between UR and non-UR students in the biomedical and behavioral science departments of those institutions. Strategies may include, but are not limited to, the initiation of new academic developmental activities as well as the expansion, enhancement, and/or improvement of existing activities. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

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

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


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

Solicitation number: PAR-11-010

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

Short Courses on Mathematical, Statistical, and Computational Tools for Studying Biological Systems (R25)

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


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

Solicitation number: PA-11-351

This FOA encourages applications for Research Education Grants (R25) to conduct workshops and short courses to improve integration of mathematical, statistical, and computational approaches into biological and/or behavioral research. Support will be limited to activities that reach a wide audience of researchers. The FOA is not intended for university courses or curriculum development. Budgets for direct costs of up to $200K per year for a maximum duration of five years may be requested.

National Cancer Institute Program Project (P01) Applications

National Institutes of Health, National Cancer Institute (NCI)

http://grants.nih.gov/grants/guide/pa-files/PAR-12-005.html

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

Solicitation number: PAR-12-005

This FOA invites applications for investigator-initiated program project (P01) grants. Proposed program projects may address any of the broad areas of cancer research, including (but not limited to) cancer biology, cancer treatment, cancer diagnosis, cancer prevention, and cancer control. Basic, translational, clinical, and/or population-based studies in all of these research areas are appropriate. Each Program Project application must consist of at least three component projects. The component projects must share a common central theme, focus, and/or overall objective. The maximum project period is five years.
NIA MSTEM - Advancing Diversity in Aging Research (ADAR) through Undergraduate Research (R25)

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


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

Solicitation number: PAR-12-016

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

Cancer Education Grants Program (R25)

National Institutes of Health, National Cancer Institute (NCI)


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

Solicitation number: PAR-12-049

The purpose of this FOA is to support innovative educational efforts that would help to reduce cancer incidence, morbidity, and mortality, and that would improve the quality of life of cancer patients. The maximum project period is five years.

Network and Infrastructure Support for Development of Interdisciplinary Aging Research (R24)

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


Contact: Winifred Rossi, 301/496-3836, rossiw@mail.nih.gov

Solicitation number: PA-12-064

The purpose of this FOA is to provide network and infrastructure support to foster development of novel interdisciplinary research approaches on important topics in aging research. This FOA will use the NIH Resource-Related Research Project (R24) mechanism to facilitate research networks that will advance specific scientific goals through activities such as meetings, conferences, small scale pilots, short term training opportunities, visiting scholar programs, and dissemination activities to encourage growth and development in these interdisciplinary areas. A project period of five years may be requested.

Diabetes Research Centers (P30) 2012 - Limited Submission

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


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

Solicitation number: RFA-DK-11-015

Diabetes Research Centers are designed to support and enhance the national research effort in diabetes and related endocrine and metabolic diseases. Diabetes Research Centers support three primary research-related activities: Research Core services, a Pilot and Feasibility (P&F) program, and an Enrichment program. All activities pursued by Diabetes Research Centers are designed to enhance the efficiency, productivity, effectiveness and multidisciplinary nature of research in Diabetes Research Center topic areas. Application budgets are limited to $1M per year in direct costs. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.
Technology Development to Enable Large Scale Metabolomics Analyses (R01)
National Institutes of Health
Contact: David Balshaw, 919/541-2448, balshaw@niehs.nih.gov
Solicitation number: RFA-RM-11-019
This FOA is intended to support the development of novel technologies for metabolomics research in an effort to address current limitations in metabolomics research. The focus is on technological solutions for increasing the number, quantitative accuracy, specificity, and throughput of molecular identification; increasing the identification of specific classes of metabolites including lipids and non-polar molecules; increasing the ability to measure more unique chemical entities including isomers and enantiomers; and decreasing sample volume requirements, costs, and time of making accurate metabolomics measurements. Improvements are sought in sample preparation and handling, detector technologies and data analysis with a specific focus on metabolomics analyses. The maximum project period is five years.

Development of Outcome Measures to Determine Success of Hearing Health Care (R01)
National Institutes of Health, National Institute on Deafness and Other Communication Disorders (NIDCD)
Contact: Daniel Sklare, 301/496-1804, sklared@nidcd.nih.gov
Solicitation number: PAR-10-112
This FOA encourages applications from institutions that propose to develop and evaluate a set of outcome measures to determine the success of hearing health care for adults with hearing loss. There is a compelling need to identify the variables contributing to successful hearing health care outcomes, particularly the patient-centered and instrument-centered variables contributing to successful hearing aid use. The maximum project period is five years.

Function of Type 1 Diabetes Genes (DP3)
National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
Contact: Beena Akolkar, 301/594-8812, akolkarb@mail.nih.gov
Solicitation number: RFA-DK-11-019
This FOA encourages Research Project Grant (DP3) applications for projects to determine the function of human leukocyte antigen (HLA) and non-HLA genes. In addition there are many human T1D regions for which there is no compelling functional candidate gene and thus additional work to identify causal genes and potential causal variants and elucidate the mechanisms whereby changes in the function or regulation of these genes are likely to provide crucial new insights into disease pathogenesis are also encouraged. Maximum direct costs are $5M to be used over a project period of up to five years. Three to five applications will be funded.

Molecular Imaging of the Lung- Phase 1 (R01)
National Institutes of Health, National Heart, Lung, and Blood Institute (NHLBI)
Contact: Qing Lin, 301/435-0222, sara.lin@nih.gov
Solicitation number: RFA-HL-12-036
This FOA invites Research Project Grant (R01) applications to develop novel in vivo imaging reagents and technologies such as molecular probes that target pathways or cells involved in development and pathobiology of pulmonary diseases. In Phase I investigators will identify appropriate molecular targets with relevance to lung health and diseases, develop the appropriate molecular probes, in combination with innovative imaging approaches, and validate the developed probes in cells and in vivo animal models. Direct costs requested may not exceed $250K over a maximum of three years. NHLBI anticipates announcing a companion FOA for a Phase II that will be released at a later date, to support studies to extend molecular imaging methods to human studies for clinical applications in lung disease. Both phases will be open competitions.
**Education Research in Sleep Health and Sleep-Circadian Biology (R25)**

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-11-098

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

**Understanding and Promoting Health Literacy (R01)**

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-10-133

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

**Alcohol Marketing and Youth Drinking (R01)**

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


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

Solicitation number: PA-11-015

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

**Epidemiology and Prevention in Alcohol Research (R01)**

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


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

Solicitation number: PA-11-016

This FOA encourages the submission of investigator-initiated research grant applications to support research investigating the epidemiology of alcohol use, alcohol-related harms, and alcohol use disorders and the prevention of underage drinking, alcohol-related harms, and alcohol use disorders. The maximum project period is five years.
Molecular Genetics of Drug Addiction and Related Co-Morbidities (R01)

National Institutes of Health, National Institute on Drug Abuse (NIDA)
Contact: Joni Rutter, 301/443-1887, jrutter@mail.nih.gov
Solicitation number: PA-11-026
This FOA encourages applications for research projects that identify and/or validate chromosomal loci and variations in genes that are associated with vulnerability to addiction and that inform the likelihood of responsiveness to treatment. Applications that propose to examine intermediate phenotypes or endophenotypes to assess the molecular genetics of drug addiction, addiction vulnerability and/or their associated co-morbidities and how they are related to drug addiction are especially encouraged. Also encouraged are genetic as well as computational and large-scale genomic approaches, which may include but are not limited to linkage, linkage disequilibrium, case-control or family-based studies, and integration of data from other databases that may supplement substance abuse genetics and genomics data.

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

National Institutes of Health, National Institute on Drug Abuse (NIDA)
Contact: Da-Yu Wu, 301/443-1887, wudy@mail.nih.gov
Solicitation number: PA-11-027
This FOA encourages proposals to study the development of the frontal and prefrontal cortices, together with the subcortical areas of the limbic system, that play significant roles in mediating emotional and motivated behavior. This initiative is designed to support the basic neuroscience research into the fundamental mechanisms of development of the frontal and prefrontal cortices, as well as the midbrain and basal forebrain structures that mediate a number of functions related to drug abuse and psychiatric disorders including: the euphoric properties of drugs, actions of psychotherapeutic agents, and memory, cognitive and emotional functions. An additional major goal of this initiative is to understand how exposure to drugs of abuse affects the cellular and molecular mechanisms underlying nervous system development of circuits implicated in drug reward and addiction.

Continued Development and Maintenance of Software (R01)

National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-11-028
The goal of this FOA is to support the continued development, maintenance, testing, and evaluation of existing software. The proposed work should apply best practices and proven methods for software design, construction, and implementation to extend the applicability of existing biomedical informatics/computational biology software to a broader biomedical research community.
Collaborative Studies on the Central Nervous System and Glycemia (R01)

National Institutes of Health, Cross-Institute


Contact: Merrill Mitler, 301/496-99614, mitlerm@ninds.nih.gov

Solicitation number: PAS-11-029

This FOA promotes new interdisciplinary collaborations by researchers in neuroscience and in diabetes/metabolism to further understanding of the mechanisms by which the Central Nervous System (CNS) controls glucose levels and the consequences to the CNS of derangements in these mechanisms. A maximum of $750K in first year direct costs is available. The total project period may not exceed five years.

Functional Genetics, Epigenetics, and Non-coding RNAs in Drug Addiction Functional (R01)

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


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

Solicitation number: PA-11-033

This FOA encourages basic functional genomic research in two areas: 1) functional validation to determine which candidate genes/variants/epigenetic/non-coding RNA features have an authentic role in addictive processes, and 2) detailed elucidation of the molecular pathways and processes modulated by candidate genes/variants, particularly for those genes with an unanticipated role in addiction. The project period may not exceed five years. NIH prior approval is required for any application requesting $500K or more in direct costs for any year. This FOA will utilize the R01 mechanism and runs in parallel with FOAs of identical scientific scope, PA-11-034, that encourages applications under the R21 mechanism and PA-11-035 that encourages applications under the R03 mechanism.

Understanding and Treating Co-Morbid Conditions in Adolescents with Intellectual and Developmental Disabilities

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


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

Solicitation number: PA-11-039

This FOA encourages research project grant applications that propose to focus research upon the factors that impact functioning and quality of life in individuals with intellectual and developmental disabilities (IDD) during adolescence. Budgets for direct costs of up to $500K per year may be requested for a maximum of $2.5M direct costs over a five-year project. The companion FOAs are PA-11-040, which solicits applications under the R03 mechanism, and PA-11-041, which solicits applications under the R21 mechanism.
Women and Sex & Gender Differences in Drug and Alcohol Abuse & Dependence (R01)

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

Contact: Varies with research interest
Solicitation number: PA-11-047

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

Studies in Neonatal Hypoglycemia (R01)

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

Contact: Tonse Raju, 301/402-1872, rajut@mail.nih.gov
Solicitation number: PA-11-053

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

Mechanisms of Adverse Drug Reactions in Children (R01)

National Institutes of Health, Cross-Institute

Contact: Varies with research interest
Solicitation number: PAR-11-051

This FOA encourages projects that enhance the state-of-the-science on the molecular and cellular, genetic and epigenetic mechanisms involved in the production of adverse drug reactions in children. The objective of this announcement includes research on the role of ontogeny and the characterization of pharmacogenetic and developmental variations of drug metabolizing enzymes (DMEs), transporters, ion channels, receptors and signaling pathways that are responsible for drug toxicity in the pediatric population. The maximum project period is five years. This FOA runs in parallel with PAR-11-052, which solicits applications under the R03 mechanism.
Developmental Pharmacology (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-11-057
This FOA encourages applications that propose to encourage multidisciplinary, investigator-initiated basic and translational research in developmental pharmacology with particular emphasis on the role of ontogeny on drug metabolizing enzymes, transporters, receptors and signaling pathways activity across developmental periods from fetal life to adolescence. Applications for an R01 award are limited to a total direct cost of $499,999 and may not exceed five years. This FOA runs in parallel with PAR-11-058, which solicits applications under the R03 Small Grant Program mechanism, and PAR-11-059, which solicits applications under the R21 Exploratory/Developmental Grant mechanism.

Research Into the Impact of Economic Fluctuations on Alcohol Consumption, Drinking Patterns, and Prevention
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Robert Freeman, 301/443-8820, rfreeman@mail.nih.gov
Solicitation number: PA-11-061
This FOA encourages applications that propose to investigate the impact of national or local economic fluctuations on alcohol consumption, alcohol drinking patterns, and the prevention and treatment of problem drinking. The maximum project period is five years. This FOA runs in parallel with PA-11-062, which solicits applications under the R21 mechanism.

Neuroimmune Mechanisms of Alcohol Related Disorders (R01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Changhai Cui, 301/443-1678, changhai.cui@nih.gov
Solicitation number: PA-11-064
This FOA encourages proposals to study the neuroimmune mechanisms of alcohol related disorders. Studies supported by this FOA will provide fundamental insights of neuroimmune mechanisms underlying brain functional and behavioral changes induced by alcohol. This FOA runs in parallel with PA-11-065, which solicits applications under the R21 mechanism.

Mitochondria in Cancer Epidemiology, Detection, Diagnosis and Prognosis (R01)
National Institutes of Health, National Cancer Institute (NCI)
Contact: Varies with research interest
Solicitation number: PA-11-073
This FOA encourages Research Project Grant (R01) applications that propose to develop and validate new mitochondrial-related biomarkers for cancer early detection, diagnosis, prognosis, risk assessment, and response to preventive and ameliorative treatments.
Focal Cognitive Deficits in CNS Disorders (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-11-067
The purpose of this FOA is to invite grant applications to expand basic and translational research, including intervention research, on the types, nature, and functional consequences of focal or specific cognitive deficits experienced by persons with central nervous system disorders. The Office of Behavioral and Social Sciences Research (OBSSR) joins this FOA as part of its efforts to promote research on the behavioral and social aspects of health and illness.

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

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

Development of Assays for High-Throughput Screening for Use in Probe and Pre-therapeutic Discovery (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-10-213
This FOA encourages applications that propose the development of assays for high-throughput screening relevant to processes and diseases with the intent of using them to screen for small molecule compounds that show desired properties as probes for use in advancing knowledge about the relevant target, identifying new targets, or serving as pre-therapeutic leads. Assays should be relevant to the scope of the research for at least one of the sponsoring NIH Institutes.
Research on Alcohol-Related Public Policies (R01)

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


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

Solicitation number: PA-11-087

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

Reducing Health Disparities Among Minority and Underserved Children (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-11-104

This FOA solicits applications that propose to conduct research to reduce health disparities among minority and underserved children. Specifically, this initiative focuses on ethnic and racial minority children and underserved populations of children. Specific targeted areas of research include biobehavioral studies that incorporate multiple factors that influence child health disparities such as biological, lifestyle factors, environmental, social, economic, institutional, and cultural and family influences; studies that target the specific health promotion needs of children with a known illness and/or disability; and studies that test and evaluate the comparative effectiveness of health promotion interventions conducted in traditional and nontraditional settings. The maximum project period is five years. The companion FOA is PA-11-105, which solicits applications under the R21 mechanism.

Ancillary Studies to the NIDDK Intestinal Stem Cell Consortium (R01)

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


Contact: Jill Carrington, 301/402-0671, carringj@mail.nih.gov

Solicitation number: PAR-11-107

This FOA is to encourage applications to conduct ancillary studies to the NIDDK Intestinal Stem Cell Consortium (ISCC). Studies will make use of consortium collaborations, techniques, and resources to accelerate research into intestinal stem cells. The proposed ancillary study must be designed to advance the scientific research mission of the NIDDK by focusing on diseases and areas of interest to the Institute and commensurate with the interests and intent of the ISCC. The maximum period is five years.
Ribosomal Disorders and Their Role in Inherited Bone Marrow Failure Syndromes (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-11-121
This FOA encourages applications that propose collaborative research projects by multi-disciplinary teams to advance our understanding of molecular and cellular mechanisms underlying ribosomal dysfunction. These research areas include effects on hematopoiesis and their role in bone marrow failure syndromes. Multi-disciplinary expertise across basic and clinical components is encouraged. Applicants are encouraged to integrate ribosomal biology with bone marrow failure to develop and characterize models of ribosomopathies. The maximum project period is five years.

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

The Central Processing of Taste Information (R01)
National Institutes of Health, National Institute on Deafness and Other Communication Disorders (NIDCD)
Contact: Barry Davis, 301/402-3464, davisb1@nidcd.nih.gov
Solicitation number: PA-10-201
This FOA supports research studying the role of the central nervous system in the processing of taste information and the perception of taste quality. The purpose of this FOA is to foster basic and clinical research on the central mechanisms underlying the perception of taste quality. The NIDCD encourages applications from investigators who are conducting research outside the field of gustation and who are using methodological approaches that have not been typically applied to but which would greatly promote scientific progress within the field.

Biology of Manual Therapies (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-10-209
This FOA encourages research grant applications that propose to investigate the basic science and mechanisms of action underlying the biomechanical, immunological, endocrinological or neurophysiological consequences of manual therapies, such as spinal manipulation, mobilization and massage therapy. This FOA will utilize the R01 grant mechanism and runs in parallel with a FOA of identical scientific scope, PA-10-210, that encourages applications under the R21 mechanism.
Economics of Retirement (R01)

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

Contact: John Phillips, 301/496-3138, John.Phillips@nih.gov
Solicitation number: PA-11-138

This FOA encourages research on the economic and health-related factors that influence older persons’ choices on labor force participation as they near typical retirement age and throughout the later stages of life. Awards can be submitted for a maximum of five years. This FOA runs in parallel with PA-11-139, which solicits applications under the R03 Small Grant Program mechanism, and PA-11-140, which solicits applications under the R21 Exploratory Developmental Grant mechanism.

Nanoscience and Nanotechnology in Biology and Medicine (R01)

National Institutes of Health, Cross-Institute

Contact: Varies with research interest
Solicitation number: PA-11-148

This FOA encourages applications that apply nanoscience and nanotechnology approaches to address problems in biology and medicine. The purpose of this FOA is to provide support for cutting-edge nanoscience and nanotechnology research that can lead to biomedical breakthroughs and new investigations into the diagnosis, treatment, and management of an array of diseases and traumatic injuries. This FOA will also support research projects that develop new or improved nanotechnology and nanoscience-based tools, methods, concepts, and devices that lead to a better understanding of basic biology in addition to conducting translational biomedical studies. The maximum project period is five years. This FOA runs in parallel with PA-11-149, which solicits applications under the R21 Exploratory/Developmental Grant mechanism.

Structural Biology of Membrane Proteins (R01)

National Institutes of Health, Cross-Institute

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

This FOA encourages grant applications that propose to develop research and methods to enhance the rate of membrane protein structure determination and to determine specific membrane protein structures. Innovative methods for expression, oligomerization, solubilization, stabilization, purification, characterization, crystallization, isotopic labeling, and structure determination of unique and biologically significant membrane proteins by x-ray diffraction, nuclear magnetic resonance (NMR), electron microscopy, mass spectrometry, and other biophysical techniques are encouraged.
Technology Development for Protein Modeling (R01)
National Institutes of Health, National Institute of General Medical Sciences (NIGMS)
Contact: Ward Smith, 301/443-9375, smithwar@nigms.nih.gov
Solicitation number: PAR-10-076
This FOA encourages grant applications that propose to develop novel technologies that will significantly improve the accuracy of comparative modeling methods for protein structure prediction. The two main goals of this FOA are to increase the quality of protein structure models to a level comparable to high-resolution X-ray crystal structures when known structures are available with 30% sequence identity to the modeling targets, and to increase model quality to 2 Angstroms RMSD or better when known structures are available with as low as 10% identity to the targets. The maximum project period allowable is five years.

Development, Application, and Evaluation of Prediction Models for Cancer Risk and Prognosis (R01)
National Institutes of Health, National Cancer Institute (NCI)
Contact: Varies with research interest
Solicitation number: PA-10-025
This FOA encourages research applications from clinicians, epidemiologists, geneticists, statisticians, and translational researchers working in the field of cancer control and prevention to improve existing models for cancer risk and prognosis by developing innovative research projects that use existing data, developing new models for cancer risk and prognosis, and validating new models and evaluating their utility in research and clinic settings. Investigators should address two major challenges in model development: integrating diverse types of data; and ensuring adequate validation. This FOA runs in parallel with one of identical scientific scope, PA-10-026, that encourages applications under the R21 mechanism.

Bioengineering Research Partnerships (BRP)
National Institutes of Health, Cross-Institute
Contact: Richard Conroy, 301/402-1486, conroyri@mail.nih.gov
Solicitation number: PAR-10-234
This FOA invites applications for R01 awards to support Bioengineering Research Partnerships (BRPs) for basic, applied, and translational multi-disciplinary research that addresses important biological, clinical or biomedical research problems. The partnership must include appropriate bioengineering or allied quantitative sciences in combination with biomedical and/or clinical components. BRPs may propose design-directed, developmental, discovery-driven, or hypothesis-driven research. It is expected that a BRP will have a well-defined goal or deliverable that will be achieved in a 5-10 year timeframe based on objective milestones specified in the initial application.
Health Promotion Among Racial and Ethnic Minority Males (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-10-236
This FOA encourages research on the health of minority men. Specifically, this initiative is intended to: enhance our understanding of the factors influencing the health promoting behaviors of racial and ethnic minority males and their subpopulations across the life cycle, and encourage applications focusing on the development and testing of culturally and linguistically appropriate health-promoting interventions designed to reduce health disparities among racially and ethnically diverse males and their subpopulations age 21 and older. This FOA will utilize the R01 grant mechanism and runs in parallel with a FOA of identical scientific scope, PA-10-237, that encourages applications under the R21 mechanism.

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

Treatment of Co-Occurring Alcohol Use Disorders and Depression Anxiety Disorders (R01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Deidra Roach, 301/443-5820, droach@mail.nih.gov
Solicitation number: PAS-10-251
This FOA supports research on the treatment of individuals with co-occurring alcohol use disorders and depression or anxiety. The scope of interest includes innovative pharmacological and behavioral treatments based on biological, psychological, behavioral, and social/cultural models of etiology and treatment of comorbid alcohol use disorders and depression or anxiety. In addition, this FOA accepts Comparative and Effectiveness Research applications which compare two or more different existing treatments in this comorbid population. This FOA will utilize the R01 grant mechanism and runs in parallel with a FOA of identical scientific scope, PAS-10-252, that encourages applications under the R21 mechanism.
Structural Interventions, Alcohol Use, and Risk of HIV AIDS (R01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Robert Freeman, 301/443-8820, rfreeman@mail.nih.gov
Solicitation number: PA-10-242
This FOA encourages research grant applications that propose to investigate the effectiveness of structural interventions that reduce the risk of HIV/AIDS transmission by changing the environment of alcohol use. This FOA will utilize the R01 grant mechanism and runs in parallel with a FOA of identical scientific scope, PA-10-243, that encourages applications under the R21 grant mechanism.

Behavioral Regulation Mechanisms of Alcohol Dependence and Related Phenotypes (R01)
National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Ivana Grakalic, 301/443-7600, igrakalic@mail.nih.gov
Solicitation number: PA-10-255
This FOA encourages proposals to examine the mechanisms of behavioral regulation contributing to the behavioral characteristics of alcohol dependence. This FOA will utilize the Research Project Grant (R01) award mechanism and runs in parallel with a FOA of identical scientific scope, PA-10-256, that encourages applications under the R21 mechanism. Applicants for an R01 award are not limited in dollars but need to reflect the actual needs of the proposed project. The maximum project period is five years.

Neurobiology of Migraine (R01)
National Institutes of Health, Cross-Institute
Contact: Linda Porter, 301/496-9964, porter@ninds.nih.gov
Solicitation number: PA-10-258
This FOA encourages grant applications for innovative research that will expand our current knowledge of neurobiological mechanisms underlying migraine headache, examine the role of neuromodulators, genetic and environmental influences in migraine susceptibility, and explore new targets for therapy development. This FOA will utilize the NIH Research Project Grant (R01) award mechanism and runs in parallel with a FOA of identical scientific scope, PA-10-259, that encourages applications under the NIH Exploratory/Developmental (R21) mechanism. It is expected that most applications will stay within the budgetary guidelines for a modular grant limited to $250K annual direct cost. Applicants may request support for up to five years.

Biomarkers of Infection-Associated Cancers (R01)
National Institutes of Health, National Cancer Institute (NCI), National Institute of Dental and Craniofacial Research (NIDCR)
Contact: Varies with research interest
Solicitation number: PA-11-158
This FOA encourages the submission of Research Project Grant (R01) applications that propose to identify biomarkers for cancers where the etiology of the disease is attributed to infectious agents. Proposed studies should apply high-throughput molecular profiling technologies so that disease-specific markers and/or profiles can be recognized and used to identify infected individuals in whom infected cells are progressing into cancer to distinguish high-risk populations. The maximum project period is five years.
High-Throughput-Enabled Structural Biology Partnerships (U01)

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


Contact: Ward Smith, 301/443-9375, smithwar@nigms.nih.gov

Solicitation number: PAR-11-176

This FOA encourages applications to establish partnerships between researchers interested in a biological problem of significant scope and researchers providing high-throughput structure determination capabilities through the NIGMS PSI:Biology network. Applicants to this FOA should propose work to solve a substantial biological problem for which the determination of many protein structures is necessary. The proteins should be amenable to high-throughput structure determination and/or should provide suitable targets to motivate new technology development. Awardee principal investigators will become part of the PSI:Biology Network Steering Committee and will work jointly with other investigators and NIH staff to manage the overall PSI:Biology initiative. The expected budget range is from $250K to $1.5M direct costs per year for project periods of two to four years.

Research on Ethical Issues in Biomedical, Social and Behavioral Research (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-11-180

The purpose of this FOA is to support investigator-initiated Research Project Grant (R01) applications that propose to study high priority bioethical challenges and issues associated with the types of biomedical, social, and behavioral research supported by the participating NIH Institutes/Centers. Only participating ICs will provide direct grant support under this FOA. The maximum project period is five years. This FOA runs in parallel with PA-11-181, which solicits applications under the R03 Small Grant mechanism, and PA-11-182, which solicits applications under the R21 Exploratory/Developmental Grant mechanism.

Circadian Rhythms and Alcohol-induced Tissue Injury (R01)

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


Contact: Q. Max Guo, 301/443-0639, Max.Guo@nih.gov

Solicitation number: PA-11-178

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

Enhancing Tumoricidal Activity of Natural Killer (NK) Cells by Dietary Components for Cancer Prevention (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-11-160

This FOA is designed to stimulate research efforts aimed at establishing the physiological significance of dietary components in modulating the tumoricidal cell activity of natural killer (NK) cells for cancer prevention. The maximum project period is five years. This FOA runs in parallel with PA-11-161, which solicits applications under the R21 Exploratory/Developmental Grant mechanism.
The Effect of Racial and Ethnic Discrimination & Bias on Health Care Delivery (R01)

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


Contact: Varies with research interest

Solicitation number: PA-11-162

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

NLM Express Research Grants in Biomedical Informatics (R01)

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


Contact: Varies with research interest

Solicitation number: PAR-11-208

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

Nutrition and Diet in the Causation, Prevention, and Management of Heart Failure (R01)

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


Contact: Varies with research interest

Solicitation number: PA-11-165

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

Program for Extramural & Intramural Alcohol Research Collaborations (U01)

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


Contact: Peter Silverman, 301/402-6966, psilverm@mail.nih.gov

Solicitation number: PAR-11-189

The purpose of this FOA is to encourage collaboration between alcohol researchers in the extramural community and those within the NIAAA intramural research program. The objective of this FOA is to bring together the research expertise that, as a functioning collaborative unit, will address key alcohol-based research questions that would not otherwise be possible by the same individuals working towards similar goals in isolation. The goal of the research proposed by the collaborating investigators should address questions that advance the alcohol research field with respect to issues surrounding alcohol use disorders including dependence, and the effects of alcohol on health. The NIH Intramural Scientist will be a tenured or tenure-track scientist from the NIAAA Intramural division, with whom the PD/PI has made prior contact for the collaborative project. Applications may request up to $250K direct cost per year for up to five years.
The Impact of Parental Military Deployment and Reintegration on Child and Family Functioning (R01)
National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), Nation
Contact: Varies with research interest
Solicitation number: PA-11-200
The purpose of this FOA is to encourage interdisciplinary studies on the impact of parental military deployment, combat-related stress, and reintegration with the family on child social and affective development outcomes as well as on family functioning. The maximum project period is five years. This FOA runs in parallel with two FOAs of identical scientific scope, PA-11-201, which utilizes the R13 Support for Conferences and Scientific Meetings mechanism, and PA-11-202, which utilizes the R21 Exploratory/Developmental Research Grant Award mechanism.

Virtual Reality Technologies for Research and Education in Obesity and Diabetes (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-11-211
This FOA encourages submission of hypothesis-testing research applications that capitalize on the unique capabilities of Virtual Reality (VR) technologies to visualize outcomes, teach, motivate, and to extend the health care and learning environments, in order to foster desirable eating, physical activity, self-care, and other health-related behaviors necessary for prevention and management of obesity and diabetes. Of highest interest are well-designed multidisciplinary projects drawing on expertise in VR technologies and biomedical behavioral and pedagogical sciences. This FOA runs in parallel with three FOAs of identical scientific scope, PA-11-212, which utilizes the R21 Exploratory/Developmental Grant mechanism, RFA-HL-12-020, which utilizes the STTR R43/R44 (Phase I, Phase II, and Fast Track) mechanism, and RFA-HL-12-024, which utilizes the STTR R43/R44 (Phase I, Phase II, and Fast Track) mechanism.

Spatial Uncertainty Data, Modeling, and Communication (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PA-11-238
The purpose of this FOA is to support innovative research that identifies sources of spatial uncertainty (i.e., inaccuracy or instability of spatial or geographic information) in public health data, incorporates the inaccuracy or instability into statistical methods, and develops novel tools to visualize the nature and consequences of spatial uncertainty. This FOA runs in parallel with FOAs of identical scientific scope, PA-11-239, that encourages applications under the R21 mechanism, and PA-11-240, that encourages applications under the R03 mechanism.

Obesity and Asthma Awareness and Management (R01)
National Institutes of Health, National Institute of Nursing Research (NINR)
Contact: Karen Huss, 301/594-5970, azizn@mail.nih.gov
Solicitation number: PA-11-245
The purpose of this funding opportunity announcement is to stimulate research to examine the interconnections of asthma and obesity. Although the association between these 2 conditions has been found in many studies, the exact mechanisms for how this association arises are unresolved. Because both of these conditions have their beginnings in early life, an aspect of the association between them that requires more understanding is their common exposures in early life. Studies that investigate the molecular pathways linking asthma and obesity are encouraged. In addition, intervention studies targeting asthma or obesity and their effects on each one, and possible mechanisms of action are encouraged.
Effects of Secondhand Smoke on Cardiovascular and Pulmonary Disease Mechanisms (R01)

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

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

Contact: Varies with research interest

Solicitation number: PA-11-244

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

Mechanistic Studies of Pain and Alcohol Dependence (R01)

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


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

Solicitation number: PA-11-267

This FOA encourages applications that propose to conduct mechanistic studies on the relationship between alcohol drinking, alcohol dependence, and pain. The objective of this FOA is to understand genetic, pharmacological and learning mechanisms underlying the association between the propensity to drink alcohol and pain responses. This FOA runs in parallel with a FOA of identical scientific scope, PA-11-268, which utilizes the R21 Exploratory/Developmental Grant mechanism.

Gene-Environment Interplay in Substance Use Disorders (R01)

National Institutes of Health, Cross-Institute


Contact: Naimah Weinberg, 301/402-1908, nw46w@nih.gov

Solicitation number: PA-11-235

NIDA and NIAAA seek to stimulate and expand research on the interplay of genetic and environmental factors in the genesis, course, and outcomes of substance and alcohol use disorders (SUDs). New studies using genetically informative approaches are needed to elucidate the complex interplay of genetic and environmental factors in developmental trajectories of SUDs and comorbid conditions, deepen and refine phenotypic definitions of SUDs, and meet the methodologic challenges of the field. The maximum period is five years. This FOA runs in parallel with two FOAs of identical scientific scope, PA-11-236, which utilizes the R21 Exploratory/Developmental Grant mechanism, and PA-11-237, which utilizes the R03 Small Grant Program mechanism.

International Research Collaboration on Alcohol and Alcoholism (U01)

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


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

Solicitation number: PAR-11-282

This FOA invites applications for the purpose of fostering international collaborations between alcohol research investigators within the United States and investigators located at non-United States laboratories and performance sites for the mutual advancement of our understanding of alcohol problems and of clinical and public health approaches to their solutions. The program is intended to provide funds for research activities to be undertaken jointly between the U.S. and non-U.S. laboratory that expands the research direction of both the U.S. and non-U.S. laboratories in a collaborative manner. Applications may request up to $250K direct cost per year for five years.
Molecular and Cellular Substrates of Complex Brain Disorders (R01)
National Institutes of Health, National Institute of Mental Health (NIMH), National Institute on Alcohol Abuse and Alcoholism (NIAAA)
Contact: Varies with research interest
Solicitation number: PAR-11-299
This FOA encourages research grant applications directed toward the discovery of the impact of alterations associated with complex brain disorders on the fundamental cellular and molecular substrates of neuronal function. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PAR-11-300, which utilizes the R21 Exploratory/Developmental Grant mechanism.

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

Drug Abuse Prevention Intervention Research (R01)
National Institutes of Health, National Institute on Drug Abuse (NIDA)
Contact: Kevin Conway, 301/443-6504, kconway@nida.nih.gov
Solicitation number: PA-11-311
The purpose of this FOA is to encourage Research Project Grant (R01) applications that propose to advance the science of drug abuse and drug-related HIV prevention through 1) the development of novel prevention approaches, 2) the testing of novel and adapted prevention intervention approaches, 3) the elucidation of processes associated with the selection, adoption, adaptation, implementation, sustainability, and financing of empirically validated interventions, and 4) the development of new methodologies suitable for the design and analysis of prevention research studies. The maximum project period is five years. This FOA runs in parallel with two FOAs of identical scientific scope: PA-11-312, which utilizes the R21 Exploratory/Developmental Grant mechanism, and PA-11-313, which utilizes the R03 Small Grant Program mechanism.

Systems Science and Health in the Behavioral and Social Sciences (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-11-314
This FOA encourages Research Project Grant (R01) applications that propose to develop basic and applied projects utilizing systems science methodologies relevant to human behavioral and social sciences and health. This FOA is intended to encourage a broader scope of topics to be addressed with systems science methodologies, beyond those encouraged by existing open FOAs. Research projects applicable to this FOA are those that are either applied or basic in nature (including methodological development), have a human behavioral and/or social science focus, and feature systems science methodologies. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PAR-11-315, which utilizes the R21 Exploratory/Developmental Grant mechanism.
Single Cell Studies in Aging Research (R01)

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


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

Solicitation number: PA-11-320

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

Behavioral and Social Genomics of Aging - Opportunities in the Health and Retirement Study (R01)

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


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

Solicitation number: PA-11-318

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

Social Neuroscience and Neuroeconomics of Aging (R01)

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


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

Solicitation number: PAR-11-337

The National Institute on Aging (NIA) issues this FOA with special review to stimulate interdisciplinary aging-relevant research in the social, affective, and economic neurosciences. The NIA invites applications examining social, emotional, and economic behaviors of relevance to aging, using approaches that examine mechanisms and processes at both (a) the social, behavioral or psychological (emotional, cognitive, motivational) level, and (b) the neurobiological or genetic level. Proposals are encouraged that have an overriding emphasis on economic, social or emotional processes and associated genetic or neurobiological processes. Applications should demonstrate either relevance for aging or for age differences or age-related changes in these processes. Aging-relevant applications can address issues of importance to the well-being and health of either mid-life or older adults, and can include data spanning the entire life course. Application budgets are limited to $500K direct cost per year for up to five years. This FOA runs in parallel with a FOA of identical scientific scope, PAR-11-366, which utilizes the R21 Exploratory/Developmental Grant mechanism.
Collaborations with National Centers for Biomedical Computing (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-12-001

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

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

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


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

Solicitation number: PA-12-009

This FOA invites research on the implications of exogenous shocks, such as those produced by the recent economic downturn, for health, economic circumstances, and planning throughout the life-cycle. The maximum project period is five years.

Effects of Adolescent Binge Drinking on Brain Development (R01)

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

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

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

Solicitation number: PA-12-027

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

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

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


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

Solicitation number: PA-12-025

This FOA invites applications from researchers with broad ranges of expertise to study the consequences of alcohol consumption on immune function with the ultimate goal of alleviating infection and reversing alcohol-induced organ damage. The goal of this FOA is to attract applications on basic and translational research: 1) to identify how alcohol alters immune function; 2) to establish functional links between immune alterations and alcohol related infections and organ damage; and 3) to develop means for mitigating immune impairment with the goal of alleviating alcohol-induced pathology. This FOA runs in parallel with a FOA of identical scientific scope, PA-12-026, which utilizes the R21 Exploratory/Developmental Grant mechanism. The maximum project period is five years.
Mechanisms Mediating Osteoarthritis in Aging (R01)

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

Contact: Varies with research interest
Solicitation number: PA-12-019

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

Investigations on Primary Immunodeficiency Diseases (R01)

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

Contact: David Johnson, 301/496-7104, drjohnson@niaid.nih.gov
Solicitation number: PAR-12-036

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

Research to Advance Vaccine Safety (R01)

National Institutes of Health, Cross-Institute
http://grants.nih.gov/grants/guide/pa-files/PA-12-037.html

Contact: Varies with research interest
Solicitation number: PA-12-037

The purpose of this FOA is to support research that will contribute to the overall understanding of vaccine safety. This research opportunity invites studies that address scientific areas potentially relevant to vaccine safety such as 1) physiological and immunological responses to vaccines and vaccine components, 2) how genetic variations affect immune/physiological responses that may impact vaccine safety, 3) identification of risk factors and biological markers that may be used to assess whether there is a relationship between certain diseases or disorders and licensed vaccines, 4) creation/evaluation of statistical methodologies for analyzing data on vaccine safety, including data available from existing data sources such as passive reporting systems, or 5) the application of genomic/molecular technologies to improve knowledge of vaccine safety. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PA-12-038, which utilizes the R21 Exploratory/Developmental Grant mechanism.
International Research Collaboration on Drug Abuse and Addiction Research (R01)

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


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

Solicitation number: PA-12-040

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

Solicitation of Validated Hits for the Discovery of in vivo Chemical Probes (R01)

Solicitation number: PAR-12-060

This Funding Opportunity Announcement (FOA) intends to support investigators who have interest and capability to join efforts for the discovery of in vivo chemical probes. It is expected that applicants will have in hand the starting compounds (“validated hits”) for chemical optimization and bioassays for testing new analog compounds. Through this FOA, NIH wishes to stimulate research in 1) discovery and development of novel, small molecules for their potential use in studying disease treatment relevant to the missions of the participating NIH Institutes, and 2) discovery and/or validation of novel, biological targets that will inform studies of disease mechanisms. Emphasis will be placed on assays that provide new insight into important disease targets and processes.

Identifying Heart, Lung, and Blood Disease-Causing Variants (R01)

Solicitation number: PAR-12-043

The objective of this initiative is to stimulate research to identify heart, lung, and blood disease-causing rare variants using the extensive exome data generated by the American Recovery and Reinvestment Act of 2009 (ARRA) GO exome sequencing project (GO ESP), CHARGE-S, and related genomic data. The maximum project period is four years.

New Tools to Study Astrocyte Heterogeneity, Development and Function in Brain Regions Relevant to Mental Illness

Solicitation number: RFA-MH-13-010

This FOA encourages research grant applications that propose the development or adaptation of cutting edge technologies for astrocyte research, discovery-based research on astrocyte diversity, development and/or function in the brain, and the application of these to the study of basic brain processes or pathophysiology relevant to mental illnesses. The primary objective of this FOA is to address barriers to astrocyte research that are due to the scarcity of tools and datasets to target and identify astrocytes rigorously. Applications should aim to transform the field of astrocyte research by generating resources that will be widely used throughout the neuroscience community. NIMH intends to fund eight or more awards with this FOA. The maximum project period is five years.
NCI Mentored Research Scientist Development Award to Promote Diversity (K01)

National Institutes of Health, National Cancer Institute (NCI)

Contact: John Ojeifo, 301/496-8589, ojeifojo@mail.nih.gov

Solicitation number: PAR-12-050

The purpose of the NCI Mentored Research Scientist Development Award (K01) is to provide support and protected time (three, four, or five years) for an intensive, supervised career development experience in the biomedical, behavioral, or clinical sciences leading to research independence. NCI will contribute up to $100K per year toward the salary of the career award recipient. The K01 award requires the candidate to devote a minimum of 9 person-months to conducting health-related research. The intent of the K01 program is to support cancer research scientists in their early career stages (i.e. postdoctoral positions or early stage of faculty positions such as Assistant professors with = 2 yrs of appointments). Candidates must have completed at least two, but usually not more than five years of postdoctoral training at the time of submitting a K01 application.

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

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

Contact: Varies with research interest

Solicitation number: RFA-DK-11-023

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

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

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

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

Solicitation number: PAR-12-048

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

Cancer Prevention Research Small Grant Program (R03)

National Institutes of Health, National Cancer Institute (NCI)

Contact: Varies with research interest

Solicitation number: PAR-11-079

The National Cancer Institute (NCI) invites applications that propose small and time-limited projects pertinent to the development of cancer chemoprevention agents, biomarkers for early cancer detection, cancer-related nutrition science, and/or clinical prevention studies that focus on specific target organs. Proposed projects may involve basic animal and/or translational research and/or human subjects-oriented research. New, as well as established, investigators in relevant fields and disciplines are encouraged to apply to test the feasibility of innovative ideas or carry out pilot studies. Ultimately, these small grants are expected to facilitate the development of full research projects grants.
Secondary Analyses of Social and Behavioral Datasets in Aging (R03)

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


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

Solicitation number: PA-10-139

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

Small Grants on Primary Immunodeficiency Diseases (R03)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-10-147

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

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

National Institutes of Health, National Cancer Institute (NCI)


Contact: Young Kim, 301/496-0126, yk47s@nih.gov

Solicitation number: PA-10-088

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

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

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


Contact: Varies with research interest

Solicitation number: PA-10-164

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

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

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

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

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-11-249

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

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

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-11-283

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

Pilot Studies in Pancreatic Cancer (R21)

National Institutes of Health, National Cancer Institute (NCI)


Contact: Varies with research interest

Solicitation number: PA-11-297

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

Scalable Assays for Unbiased In Vitro Analysis of Neurobiological Function (R21 & R33)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-11-319

This FOA encourages research grant applications to develop novel, robust analytical platforms using in vitro assays to reveal changes in neuronal and/or glial function. The goal is to adapt state-of-the-art measures of basic cellular processes or molecular events that are key mediators of nervous system function with the intent to probe mechanisms and/or perturbations in an unbiased and efficient manner. The novel assay platforms would provide opportunities to measure neurobiological endpoints and build a pipeline to be used in the context of target identification and drug discovery. The R21 phase may not exceed $275K over a maximum of two years in direct costs, with no more than $200K in direct costs in any single year. Direct costs for the R33 phase must be less than $500K per year for up to two years.
Imaging - Science Track Award for Research Transition (I-START) [R03]
National Institutes of Health, National Institute on Drug Abuse (NIDA)
Contact: Steven Grant, 301/443-4877, sgrant@nida.nih.gov
Solicitation number: PAR-12-066
This FOA encourages Small Research Grant (R03) applications to facilitate the entry of investigators to the area of neuroimaging, including both new investigators and established investigators seeking to adopt neuroimaging methodologies in their research programs. The R03 is intended to support small research projects that can be carried out in a short period of time with limited resources. Budgets for direct costs of up to $150,000 over a period of one year only may be requested.

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

Small Grants for Behavioral Research in Cancer Control (R03)
National Institutes of Health, National Cancer Institute (NCI)
Contact: Gina Tesauro, 301/435-2836, gina.tesauro@nih.gov
Solicitation number: PAR-12-035
This FOA invites investigator-initiated Small Research Grant (R03) applications for research projects that can be carried out in a short period of time with limited resources in behavioral research in cancer prevention and control. This FOA is designed to enhance basic and applied behavioral sciences research in the context of cancer control, with a secondary goal of attracting new investigators to the field from a variety of biomedical, behavioral and public health disciplines. Proposed research projects would include pilot or feasibility studies, secondary analyses of existing data, and meta-analyses in the areas listed in the announcement. To be appropriate for this FOA, proposed research must be significantly applicable to cancer control research and address specific gaps in knowledge or methodologies. The maximum project period is two years.

Shared Instrumentation Grant (S10) 2012 - Limited Submission
National Institutes of Health, National Center for Research Resources (NCRR)
http://grants.nih.gov/grants/guide/pa-files/PAR-12-017.html
Contact: 301/435-0772, SIG@mail.nih.gov
Solicitation number: PAR-12-017
The NCRR Shared Instrumentation Grant (SIG) program encourages applications from groups of NIH-supported investigators to purchase or upgrade a single item of expensive, specialized, commercially available instrumentation or an integrated system that costs at least $100K. The maximum award is $600K. Types of instruments supported include confocal and electron microscopes, biomedical imagers, mass spectrometers, DNA sequencers, biosensors, cell-sorters, X-ray diffraction systems, and NMR spectrometers among others. For eligibility, a major user group of three or more investigators who are Program Director(s)/Principal Investigator(s) on active NIH research grants with the following activity codes, P01, R01, U01, R35, R37, DPI and DP2 must be identified. Awards are made for one year and for direct cost of the instrument only. This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.
**NIDCD Small Grant Program (R03)**
National Institutes of Health, National Institute on Deafness and Other Communication Disorders (NIDCD)
Contact: Bracie Watson, 301/402-3458, watsonb@nidcd.nih.gov
Solicitation number: PAR-10-055

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

**Myalgic Encephalomyelitis & Chronic Fatigue Syndrome - Etiology, Diagnosis, Pathophysiology, and Treatment (R0)**
National Institutes of Health
Contact: Varies with research interest
Solicitation number: PAR-12-032

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

**Postbaccalaureate Research Education Program (PREP) (R25) - Limited Submission**
National Institutes of Health, National Institute of General Medical Sciences (NIGMS)
Contact: 
Solicitation number: PAR-12-056

This Funding Opportunity Announcement (FOA) encourages Research Education Grant (R25) applications that propose to develop recent baccalaureate science graduates from diverse backgrounds so that they have the necessary knowledge and skills to pursue PhD or MD-PhD degrees in biomedical and behavioral sciences. The program provides support for well-designed academic enhancements and extensive research experiences aimed at preparing individuals from groups underrepresented in biomedical and behavioral sciences to complete PhD or MD-PhD degree programs in these disciplines. Although the size of award may vary with the scope of the research education program proposed, it is expected that applications will stay within the following budgetary guidelines: total direct costs are limited to $375K annually for up to four years. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.
Silvio O. Conte Digestive Diseases Research Core Centers (P30) - Limited Submission

National Institutes of Health


Contact: Judith Podskalny, 301/584-8876, podskalnyj@mail.nih.gov

Solicitation number: RFA-DK-11-022

This FOA invites applications for Silvio O. Conte Digestive Diseases Research Core Centers (DDRCCs). The purpose of this Centers program is to bring together basic and clinical investigators as a means to enhance communication, collaboration, and effectiveness of ongoing research related to digestive and/or liver diseases. DDRCCs are based on the core concept, whereby shared resources aimed at fostering productivity, synergy, and new research ideas among the funded investigators are supported in a cost-effective manner. Each proposed DDRCC must be organized around a central theme that reflects the digestive or liver diseases research focus of the center members. Only institutions at which there is an ongoing, strong base of digestive and/or liver diseases-related research are eligible. At least 50 percent of the already funded research base in a new application must be supported by the NIDDK. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

Mechanism for Time-Sensitive Drug Abuse Research (R01)

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


Contact: Redonna Chandler, 301/443-6504, rchandle@nida.nih.gov

Solicitation number: PAR-10-072

The FOA is intended to support substance abuse prevention and treatment services research in rapidly evolving areas where opportunities for empirical study are only available through expedited review and award of support. It should be clear that the research question offers an uncommon and scientifically significant research opportunity that could only become available if the project is initiated with minimum delay. This FOA runs in parallel with one of identical scientific scope, PAR-07-345, that encourages applications under the Exploratory/Developmental Research Grant Award (R21) mechanism.

Small Grants Program for Cancer Epidemiology (R03)

National Institutes of Health, National Cancer Institute (NCI)


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

Solicitation number: PAR-12-039

This FOA encourages the submission of Small Research Grant (R03) applications for research on cancer etiology and epidemiology. The overarching goal of this FOA is to provide support for pilot projects, testing of new techniques, secondary analyses of existing data, development and validation of measurement methods, linkage of genetic polymorphisms with other variables related to cancer risk, and development of innovative projects for more comprehensive research in cancer etiology and epidemiology. Applicants may request a maximum budget of $50K per year for up to two years.
NIAMS Small Grant Program for New Investigators (R03)
National Institutes of Health, National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)
Contact: Su-Yau Mao, 301/594-5032, maos2@mail.nih.gov
Solicitation number: PAR-12-045
NIAMS is seeking small grant (R03) applications to stimulate and facilitate the entry of promising new investigators into research on arthritis and musculoskeletal and skin diseases and injuries. This FOA will provide support for pilot research that is likely to lead to a subsequent individual research project grant (R01). Clinical trials of any phase will not be supported by this FOA.

Tools to Enhance Studies of Glial Cell Development, Aging, Disease and Repair (R21)
National Institutes of Health, Cross-Institute
http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-12-211.html
Contact: Varies with research interest
Solicitation number: RFA-HD-12-211
The goal of this FOA is to encourage research grant applications that propose to develop or substantially modify existing cutting edge technologies that will advance glial cell research, discovery-based research on glial cell diversity, development and/or function in the central (CNS) and peripheral (PNS) nervous systems. The primary objective of this FOA is to remove barriers to glial cell research that are due to the scarcity of tools, methods and technologies to target and identify glial cells in a rigorous manner. Applications should aim to transform the field of glial cell research by generating tools that will be widely used throughout the neuroscience community. Direct costs are limited to $275K over a maximum period of two years, with no more than $200K in direct costs allowed in any single year.

National Science Foundation (NSF)
Ongoing
Earth Sciences Instrumentation and Facilities (EAR IF)
National Science Foundation, Geosciences (GEO)
Contact: Varies with research interest
Solicitation number: NSF 11-544
The Instrumentation and Facilities Program in the Division of Earth Sciences (EAR/IF) supports meritorious requests for infrastructure that promotes research and education in areas supported by the Division. EAR/IF will consider proposals for: Development of New Instrumentation, Analytical Techniques, or Software; Support of National or Regional Multi-User Facilities; or Support for Early Career Investigators. Proposals for Acquisition or Upgrade of Research Equipment will not be accepted in the Fiscal Year 2012 competition.

Grant Opportunities for Academic Liaison with Industry (GOALI)
National Science Foundation
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 academia; 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

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.

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

NSF 10-533

Research Experiences for Teachers (RET) Supplement Opportunity

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

Contact: Varies with research interest

NSF 11-052

NSF-NIST Interaction in Basic and Applied Scientific Research in BIO, ENG & MPS

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

Contact: Varies with research interest

NSF 11-066

CREATIV - Creative Research Awards for Transformative Interdisciplinary Ventures

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

Contact: Varies with research interest

NSF 12-011
Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences (CDS&E-MSS)

National Science Foundation, Mathematical and Physical Sciences (MPS)

http://nsf.gov/funding/pgm_summ.jsp?pims_id=504687

Contact: Varies with research interest

Solicitation number: PD 11-8069

Growing out of scientific computation and the explosion in production of digital and observational data, Computational and Data-Enabled Science and Engineering is emerging as a distinct intellectual and technological discipline lying at the interface of mathematics, statistics, computational science, core sciences and engineering disciplines. This program supports fundamental research at the core of this emerging discipline. It supports broadly innovative, ambitious and transformative research that will lead to significant advancement in CDS&E. The emphasis will be on mathematical, statistical, computational, and algorithmic developments, as well as their applications in advancing modern cyberinfrastructure and scientific discovery. Multidisciplinary collaboration and the training of the next generation data and computational scientists firmly grounded and trained in mathematics and statistics will be strongly encouraged.

Law & Social Sciences (LSS)

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


Contact: Christian Meissner, 703/292-7808, cmeissne@nsf.gov

Solicitation number: NSF 12-507

This program considers proposals that address social scientific studies of law and law-like systems of rules. The program is inherently interdisciplinary and multi-methodological. Successful proposals describe research that advances scientific theory and understanding of the connections between law or legal processes and human behavior. LSS provides the following modes of support: 1) Standard Research Grants and Grants for Collaborative Research; 2) Doctoral Dissertation Research Improvement Grants; 3) Interdisciplinary Postdoctoral Fellowships; and 4) Workshop and Conference Proposals. Approximately 75 awards will be made.

Cognitive Neuroscience

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


Contact: Lynne Bernstein, 703/292-8643, lbernste@nsf.gov

Solicitation number: NSF 09-563

This program seeks highly innovative and interdisciplinary proposals aimed at advancing a rigorous understanding of how the human brain supports thought, perception, effect, action, social processes, and other aspect of cognition and behavior, including how such processes develop and change in the brain and through time. This program supports Individual Investigator Research Projects as well as Workshops.
Climate Change Education Partnership (CCEP) Program, Phase II (CCEP-II) - Limited Submission

The Climate Change Education Partnership (CCEP) program seeks to establish a coordinated national network of regionally- or thematically-based partnerships devoted to increasing the adoption of effective, high quality educational programs and resources related to the science of climate change and its impacts. Each CCEP is required to be of a large enough scale that it will have catalytic or transformative impact that cannot be achieved through other core NSF program awards.

Each CCEP is required to include substantial involvement of representatives from each of the following communities: climate scientists; experts in the learning sciences; and, practitioners from within formal or informal education venues. Each CCEP should be organized around either geographic regions that share similar climate change impacts, or major climate impact themes (e.g., sea-level rise).

The current solicitation seeks proposals for Phase II Partnerships (CCEP-II) only. CCEP-II awardees will receive up to 5 years of funding to support full-scale implementation of mature and robust strategic plans already developed by regional or thematic partnerships to improve climate change education activities at a significant scale and meet the goals of the CCE program. Strategic plans must include well-integrated formative and summative evaluation activities conducted by an external evaluator. Prior CCEP-I funding is not an eligibility requirement, but all proposed Phase II Partnerships that did not have CCEP-I funding must demonstrate that they meet the required criteria and have undertaken activities that address the goals and objectives described in the CCEP-I program solicitation. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

Promoting Research and Innovation in Methodologies for Evaluation (PRIME)

The PRIME program seeks to support research on evaluation with special emphasis on exploring innovative new approaches for determining the impacts and usefulness of evaluations of STEM education projects and programs; building on and expanding the theoretical foundations for evaluating STEM education and workforce development initiatives, including translating and adapting approaches from other fields; and growing the capacity and infrastructure of the evaluation field. Two types of proposals will be supported by the program: Exploratory Projects that include proof-of-concept and feasibility studies and more extensive Full-Scale Projects. Approximately 10-12 full scale and approximately 3-5 exploratory projects will be selected for funding.

Secure and Trustworthy Cyberspace (SaTC)

This program seeks proposals that address cybersecurity from one or more of three perspectives: Trustworthy Computing Systems, Social, Behavioral and Economics, and Transition to Practice, as well as proposals that combine multiple perspectives. Proposers are invited to submit proposals in three project classes: Small projects of up to $500K total for a maximum of three years; Medium projects of up to $1.2M total for a maximum of four years; and Frontier projects of up to $10M total for a maximum of five years. NSF anticipates up to 50 Small awards, up to 12 Medium awards, and up to 2 Frontier awards.
Methodology, Measurement, and Statistics (MMS)
National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)
Contact: Cheryl Eavey, 703/292-7269, ceavey@nsf.gov
Solicitation number: NSF 12-510
This interdisciplinary program supports the development of innovative analytical and statistical methods and models for those sciences. MMS seeks proposals that are methodologically innovative, grounded in theory, and have potential utility for multiple fields within the social and behavioral sciences. The program supports a variety of different types of awards, including: Regular Research Awards; Mid-Career Research Fellowships; Doctoral Dissertation Research Improvement Grants; and Research Experience for Undergraduates (REU) Supplement.

Metadata for Long-standing Large-Scale Social Science Surveys (META-SSS)
National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)
Contact: Patricia White, 703/292-8762, pwhite@nsf.gov
Solicitation number: NSF 11-583
This solicitation seeks proposals that will develop tools to bridge data collection and dissemination by first, collecting and coding metadata associated with future waves of the American National Election Studies (ANES), General Social Survey (GSS), and Panel Study of Income Dynamics (PSID) surveys as collection and processing techniques evolve; and second, migrating (or "retrofitting") metadata associated with earlier (i.e., legacy) waves of these surveys into formats and schema that are compatible with current and future collection efforts. The goal is to fund projects that will help make the many years of legacy data available to researchers who seek to answer current scientific questions. Proposals that incorporate metadata for all three surveys are preferred. One or two awards will be made, amounting $400K to $1M over two years.

Science, Technology, and Society (STS)
National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)
Contact: Frederick Kronz, 703/292-7283, fkronz@nsf.gov
Solicitation number: NSF 12-509
STS considers proposals for scientific research into the interface between science (including engineering) or technology, and society. STS researchers use diverse methods including social science, historical, and philosophical methods. Successful proposals will be transferrable (i.e., generate results that provide insights for other scientific contexts that are suitably similar). They will produce outcomes that address pertinent problems and issues at the interface of science, technology and society, such as those having to do with practices and assumptions, ethics, values, governance, and policy. Approximately 40 Standard, Continuing Grant, or Fellowship awards will be made.

Sustainable Energy Pathways (SEP) - Limited Submission
National Science Foundation, Cross-Directorate
Contact: Varies with research interest
Solicitation number: NSF 11-590
This solicitation calls for innovative, interdisciplinary basic research in science, engineering, and education by teams of researchers for developing systems approaches to sustainable energy pathways based on a comprehensive understanding of the scientific, technical, environmental, economic, and societal issues. This solicitation considers scalable approaches for sustainable energy conversion to useful forms, as well as its storage, transmission, distribution, and use. The award size is expected to be up to $500K per year for up to four years per proposal. Project teams must include a minimum of three investigators representing more than one scientific discipline. UCSB may submit up to three proposals. Contact funding@research.ucsb.edu if you are interested in submitting.
Science of Organizations (SoO)
National Science Foundation, Social, Behavioral, and Economic Sciences (SBE)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504696
Contact: Jacqueline Meszaros, 703/292-7261, jmeszaro@nsf.gov
Solicitation number: PD 11-8031
This program funds basic research that yields a scientific evidence base for improving the design and emergence, development and deployment, and management and ultimate effectiveness of organizations of all kinds. Successful research proposals use scientific methods to develop and refine theories, to empirically test theories and frameworks, and to develop new measures and methods. Funded research is aimed at yielding generalizable insights that are of value to the business practitioner, policy-maker, and research communities.

Research Coordination Networks (RCN)
National Science Foundation, Cross-Directorates
Contact: Varies with research interest
Solicitation number: NSF 11-531
The goal of the RCN program is to advance a field or create new directions in research or education. Groups of investigators will be supported to communicate and coordinate their research, training and educational activities across disciplinary, organizational, geographic and international boundaries. Participating core programs in Biological Sciences (BIO), Geosciences (GEO), Social, Behavioral and Economic Sciences (SBE), Cyberinfrastructure (OCI), and Polar Programs (OPP) will accept general RCN proposals. Additional targeted tracks within the RCN programs are intended to foster linkages across directorates. The Science, Engineering and Education for Sustainability (RCN-SEES) track focuses on interdisciplinary topics that will advance sustainability science, engineering and education as an integrative approach to the challenges of adapting to environmental, social and cultural changes associated with growth and development of human populations, and attaining a sustainable energy future. The Undergraduate Biology Education (RCN-UBE) track could focus on any topic likely to lead to improved participation, learning, or assessment in undergraduate biology curricula. Individual awards for the general RCN and RCN-UBE may be up to $500K over a duration of five years. RCN-SEES awards may be up to $750K over a duration of 5 years. General (non-targeted) RCN proposals should be submitted to a participating program in BIO, GEO, SBE, OCI or OPP. Refer to the specific program website for submission dates. PIs are encouraged to discuss suitability of an RCN topic with the program.

Smart Health and Wellbeing (SHB)
National Science Foundation, Cross-Directorates
Contact: Varies with research interest
Solicitation number: NSF 12-512
NSF seeks to address fundamental technical and scientific issues that would support much needed transformation of healthcare from reactive and hospital-centered to preventive, proactive, evidence-based, person-centered and focused on wellbeing rather than disease. The issues to be addressed include, but are not limited to, sensor technology, networking, information and machine learning technology, modeling cognitive processes, system and process modeling, and social and economic issues. Proposers are invited to submit proposals in two project classes: Type I: Exploratory Projects (EXP), amounting $200K to $600K total over two to three years; and Type II: Integrative Projects (INT), amounting $600K to $2M total over four to five years. Six to ten EXP awards and four to eight INT awards will be made.
Research on Gender in Science and Engineering (GSE)

National Science Foundation, Education and Human Resources (EHR)


Contact: Jolene Jesse, 703/292-7303, jjesse@nsf.gov

Solicitation number: NSF 10-516

The GSE program supports efforts to understand and address gender-based differences in science, technology, engineering, and mathematics education and workforce participation through research projects. Behavioral, cognitive, affective, learning, and social differences may be investigated using methods of sociology, psychology, anthropology, economics, statistics, and other social and behavioral science and education disciplines. Research projects investigate gender-based factors that impact learning and choice in STEM education and the workforce; or study societal, formal and informal educational systems' interaction with individuals that encourage or discourage interest and persistence in study or careers in certain STEM fields along gender lines.

Diffusion of Research-Based Innovation projects provide a mechanism for engaging a wider audience of practitioners with research findings and strategies for changing educational practice relative to gender issues. There are three types of Diffusion awards: Pilot, Scale Up, and Dissemination. Extension Services create a cadre of extension service agents through training and consulting services to inform educators and other practitioners about and enable them to adopt and embed proven gender-inclusive policies and practices.

Research in Engineering Education

National Science Foundation, Engineering (ENG)

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

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

Solicitation number: PD 10-1340

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

Planning a Partnership Model for a Giant Segmented Mirror Telescope - Limited Submission

National Science Foundation, Mathematical and Physical Sciences (MPS)


Contact: Donald Terndrup, 703/292-4901, dterndru@nsf.gov

Solicitation number: NSF 12-526

Two major survey reports carried out by the National Academy of Sciences have identified the need for a Giant Segmented Mirror Telescope (GSMT) to address frontier astrophysical research questions in a wide array of subfields. This solicitation invites proposals to establish an initial framework for a U.S. community partnership in a proposed GSMT deriving from past, current, or potential future NSF support for design work, construction, instrumentation, and/or operations. Based on a detailed competitive review of the resulting proposals, an award will be made for further development of a public/private/international partnership model under a cooperative agreement between a GSMT project and NSF. During the award period, GSMT project management and representatives from NSF and the U.S. astronomical community are expected to refine the roles of NSF and the community in project development, engage in planning science and engineering operations, prepare for potential future Federal funding opportunities after the start of the next decade. Selection as an awardee in this process does not imply that a GSMT will be approved for further funding. This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.
Strategic Technologies for CyberInfrastructure (STCI)

National Science Foundation, Office of Cyberinfrastructure

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

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

Solicitation number: PD 11-7684

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

Cyberlearning - Transforming Education Cyberlearning

National Science Foundation, Cross-Directorate


Contact: Varies with research interest

Solicitation number: NSF 11-587

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

Designing Materials to Revolutionize and Engineer our Future (DMREF)

National Science Foundation


Contact: Varies with research interest

Solicitation number: NSF 11-089

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

National Science Foundation, Engineering (ENG)

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

Solicitation number: NSF 12-515

NSF, in collaboration with the Health Information Technology (IT) Portfolio at the Agency for Healthcare Research and Quality (AHRQ), will accept and review investigator-initiated proposals that address systems modeling in health services research. Through this partnership, NSF and AHRQ look to foster new collaborations among health services researchers and industrial and systems engineers with a specific emphasis on the supportive role of health IT. Approximately three to six awards will be made.

Physical and Engineering Sciences in Oncology (PESO)

National Science Foundation, Engineering (ENG), Mathematical and Physical Sciences (MPS)

Contact: Varies with research interest

Solicitation number: NSF 12-514

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

Robert Noyce Teacher Scholarship Program

National Science Foundation, Education and Human Resources (EHR)

Contact: Joan Prival, 703/292-4635, jprival@nsf.gov

Solicitation number: NSF 12-525

This program seeks to encourage talented science, technology, engineering, and mathematics majors and professionals to become K-12 mathematics and science teachers. The Noyce Scholarship Track provides funds to institutions of higher education to support scholarships, stipends, and academic programs for undergraduate STEM majors and post-baccalaureate students holding STEM degrees who earn a teaching credential and commit to teaching in high-need K-12 school districts. The NSF Teaching Fellowship/Master Teaching Fellowship Track supports STEM professionals who enroll as NSF Teaching Fellows in master's degree programs leading to teacher certification by providing academic courses, professional development, and salary supplements while they are fulfilling a four-year teaching commitment in a high need school district.

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

National Science Foundation

Contact: Varies with research interest

Solicitation number: NSF 11-514

The Ethics Education in Science and Engineering (EESE) program funds research and educational projects that improve ethics education in all fields of science and engineering that NSF supports, with priority consideration given to interdisciplinary, inter-institutional, and international contexts. Although the primary focus is on improving ethics education for graduate students in NSF-funded fields, the proposed programs may benefit advanced undergraduates as well. EESE invites proposals for research projects, education projects, and combinations of the two. The maximum award amount is $300K for 36 months. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.
Plant Genome Research Program (PGRP)

National Science Foundation, Biological Sciences (BIO)


Contact: Diane Okamuro, 703/292-4400, dbipgr@nsf.gov

Solicitation number: NSF 12-517

Three kinds of activity will be supported: (1) Genomics-empowered plant research to tackle fundamental questions in plant and agricultural sciences on a genome-wide scale; (2) Development of tools and resources for plant genome research including novel technologies and analysis tools that will enable discovery; and (3) Mid-Career Investigator Awards in Plant Genome Research (MCA-PGR) to increase participation of investigators trained primarily in fields other than plant genomics. Proposals addressing these opportunities are welcomed at all scales, from single-investigator projects through multi-investigator, multi-institution projects, commensurate with the scope of the work proposed.

Math and Science Partnership (MSP)

National Science Foundation, Education and Human Resources (EHR)


Contact: Varies with research interest

Solicitation number:

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

Transforming STEM Learning (TSL)

National Science Foundation


Contact: 703/292-5101, DRLTSL@nsf.gov

Solicitation number: NSF 10-602

TSL combines interests and resources of separate programs in the Division of Research on Learning in Formal and Informal Settings (DRL) to explore the opportunities and challenges implied by innovative visions of the future for STEM learning. The TSL program invites interdisciplinary teams of STEM content specialists, experts in relevant technologies, STEM formal and informal education specialists, researchers with expertise in the learning sciences, and specialists in education research and evaluation methods to submit proposals for research projects that (1) Study efficacy of existing prototypes for innovations like virtual schools, special STEM schools, and educational programs that combine opportunities of formal and informal learning resources in their communities; or (2) Design and conduct exploratory development of new potentially transformative models for STEM learning environments. Research projects may ask for up to $2M for project duration of up to four years; planning and pilot development projects may ask for up to $500K for project duration up to two years.

Expeditions in Computing

National Science Foundation


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

Solicitation number: NSF 10-564

The Expeditions in Computing program provides the CISE research and education community with the opportunity to pursue ambitious, fundamental research agendas that promise to define the future of computing and information. In planning Expeditions, investigators are encouraged to come together within or across departments or institutions to combine their creative talents in the identification of compelling, transformative research agendas that promise disruptive innovations in computing and information for many years to come. Projects are funded at levels up to $2M per year for five years.
Cyber-Physical Systems (CPS)
National Science Foundation, Computer and Information Sciences and Engineering (CISE), Engineering (ENG)


Contact: Varies with research interest
Solicitation number: NSF 12-520

The goal of the CPS program is to develop the core system science needed to engineer complex cyber-physical systems upon which people can depend with high confidence. The program aims to foster a research community committed to advancing research and education in CPS and to transitioning CPS science and technology into engineering practice. Three types of research and education projects will be considered: 1) Breakthrough projects must offer a significant advance in fundamental CPS science, engineering and/or technology that has the potential to change the field; 2) Synergy projects must demonstrate innovation at the intersection of multiple disciplines, to accomplish a clear goal that requires an integrated perspective spanning the disciplines; and 3) Frontiers projects must address clearly identified critical CPS challenges that cannot be achieved by a set of smaller projects. The respective maximum funding amounts are $750K for up to three years, $2M for three to four years, and $10M for four to five years.

Innovation Corps Program (I-Corps)
National Science Foundation, Cross-Directorate


Contact: Errol Arkilic, 703/292-8095, earkilic@nsf.gov
Solicitation number: NSF 11-560

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

National Ocean Sciences Accelerator Mass Spectrometry Facility (NOSAMS)
National Science Foundation


Contact: Elizabeth Rom, 703/292-7709, elrom@nsf.gov
Solicitation number: NSF 12-521

The Division of Ocean Sciences (OCE) at the NSF funds research programs that require analyses of environmental-level 14C abundances for a wide variety of carbon-bearing materials. In order to process these samples in a timely, accurate and cost effective manner and to provide research into 14C analysis techniques, OCE supports the NOSAMS facility. This solicitation seeks proposals to operate NOSAMS and provide necessary services to the ocean sciences research community. OCE will provide up to one award for a single NOSAMS facility with annual budgets ranging from $1.5 to $2.5M and with possible renewal for up to ten years pending budget considerations and successful performance by the facility.

Centers for Chemical Innovation (CCI) Chemistry as the Driver for Transformative Research and Innovation
National Science Foundation, Mathematical and Physical Sciences (MPS)


Contact: Katherine Covert, 703/292-4950, kcovert@nsf.gov
Solicitation number: NSF 11-552

The Centers for Chemical Innovation (CCI) Program supports research centers focused on major, long-term fundamental chemical research challenges. The CCI program is a two-phase program. Phase I CCIIs receive significant resources to develop the science and integrative elements of a CCI before requesting Phase II funding. Phase I proposals funded in FY 2012 will seek Phase II funding in FY 2015. For the FY 2012 Phase I competition, only projects addressing the theme of sustainable chemistry will be considered. Each Phase I award is $1.75M over three years.
Sustainability Research Networks Competition (SRN) - Limited Submission

National Science Foundation, Cross-Directorate


Contact: Varies with research interest

Solicitation number: NSF 11-574

The goal of the Sustainability Research Networks (SRN) competition is to support the development and coalescence of entities to advance collaborative research that addresses questions and challenges in sustainability science, engineering, and education. SRNs will link scientists, engineers, and educators, at existing institutions, centers, networks, and also develop new research efforts and collaborations. Each SRN network will be built upon an ambitious and nationally important sustainability theme. Proposers will be tasked with choosing a specific theme for their network, identifying the research already being done in this area, proposing methods for linking existing research efforts, and then proposing research needed to advance their specific research theme. SRNs will pursue new opportunities in science, engineering and educational research that truly require the scale, scope, and facilities enabled by such a network. SRN awards are expected to be 4 to 5 years in duration and budgets must not exceed $12M total per award.

Computing Education for the 21st Century (CE21)

National Science Foundation, Cross-Directorate


Contact: Varies with research interest

Solicitation number: NSF 12-527

This program aims to build a robust computing research community, a computationally competent 21st century workforce, and a computationally empowered citizenry. This program supports efforts in three tracks: 1) Computing Education Research proposals will aim to develop a research base for computing education; 2) CS 10K proposals will aim to develop the knowledge base and partnerships needed to catalyze the CS 10K Project, which aims to have academic curricula incorporated into computing courses in 10,000 high schools; and 3) Broadening Participation (BP) proposals will aim to develop and assess novel interventions that contribute to our knowledge base on the effective teaching and learning of computing for students from the underrepresented groups. The maximum award is $600K total over three years or $1M total over three years, depending on the track.

Dimensions of Biodiversity

National Science Foundation, Biological Sciences (BIO), Geosciences (GEO)


Contact: Dimensions@nsf.gov

Solicitation number: NSF 12-528

This campaign seeks to characterize biodiversity on Earth by using integrative, innovative approaches to fill the most substantial gaps in our understanding of the diversity of life on Earth. It takes a broad view of biodiversity, and currently focuses on the integration of genetic, taxonomic/phylogenetic, and functional dimensions of biodiversity. Successful proposals should integrate these three dimensions to understand interactions and feedbacks among them. While this focus complements several core NSF programs, it differs by requiring that multiple dimensions of biodiversity be addressed simultaneously, in innovative or novel ways, to understand their synergistic roles in critical ecological and evolutionary processes.

Private/Nonprofit Agencies
**Surdna Foundation Grants**

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

**Smith Richardson Foundation Grants**

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

**Major Grants**

The Foundation is committed to supporting high-quality investigation of education. The Foundation makes grants in four specific areas of inquiry: Education and Social Opportunity; Organizational Learning; Teaching, Learning, and Instructional Resources; and Purposes and Values of Education. In addition to these defined areas, the Foundation will continue to accept Field-Initiated Proposals. Major Grants have a budget of over $40K. Before applying to foundation opportunities, please contact Annie Brinkman, 312/274-6511, abrinkman@spencer.org for more information and coordination purposes.

**Asia Responsive Grants**

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

PepsiCo

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

Contact: 914/253-2000, pepsico.foundation@pepsi.com

Solicitation number:

PepsiCo is committed to advancing objectives related to education, health and wellness, diversity and inclusion, and thought leadership. In advancing these objectives, PepsiCo provides support to approved organizations on an equal-access basis. Applicants seeking a grant for less than $100K must first submit a brief Letter of Interest. Requests are evaluated on a rolling basis.

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**Visual Arts Grants**

The Elizabeth Greenshields Foundation

http://www.elizabethgreenshieldsfoundation.org/main.html

Contact: 514/937-9225, greenshields@bellnet.ca

Solicitation number:

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

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**Mellon Foundation Grants**

The Andrew W. Mellon Foundation

http://www.mellon.org/grant_programs/programs

Contact: Varies with research interest

Solicitation number:

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

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**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.
Public Welfare Grants

Public Welfare Foundation

[Link to guidelines]

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

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

Committee for Research and Exploration Grant

National Geographic Society

[Link to application]

Contact: cre@ngs.org

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

FSSS Grants-in-Aid Program

The Foundation for the Scientific Study of Sexuality (FSSS)

[Link to program]

Contact: aletk001@umn.edu

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

Pardee Foundation Grants

Elca U. Pardee Foundation

[Link to grants]

Contact: 989/832-3691, info@pardeefoundation.org

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.
Ongoing

**Waitt Foundation Grants**

Waitt Foundation

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

Contact: 858/551-4400

Solicitation number:

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

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Ongoing

**Michelson Grants in Reproductive Biology**

Found Animals Foundation

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

Contact: MichelsonPrize@foundanimals.org

Solicitation number:

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

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Ongoing

**Energy Foundation Grants**

The Energy Foundation

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

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

Solicitation number:

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

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Ongoing

**Arts & Culture Program**

The Nathan Cummings Foundation

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

Contact: arts@nathancummings.org

Solicitation number:

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

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

Contact: Candace Brandt, 317/951-5300

Solicitation number:

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

**Lannan Foundation Grants**
Lannan Foundation

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

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

Solicitation number:

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

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

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

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

Solicitation number:

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

**Conservation Trust Grant**
National Geographic Society


Contact: conservationtrust@ngs.org

Solicitation number:

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

California Focus
LEF Foundation
Contact: 415/499-9591
Solicitation number:
LEF California funds projects which include an artistic and cultural overlay, with a primary focus on work taking place in three geographic areas: California, Hawaii, and New Mexico. One page letters of inquiry with no attachments are accepted year round. After review, full proposals may be requested. Grants average between $2K and $5K. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Biomarker Development 2011 Program
The Michael J. Fox Foundation for Parkinson’s Research
http://www.michaeljfox.org/research_fundingOpportunities.cfm
Contact: Mark Frasier, 212/509-0995 x244, mfrasier@michaeljfox.org
Solicitation number:
The Foundation wishes to engage researchers and drug makers seeking to develop and optimize Parkinson’s disease (PD) biomarkers that can inform potential clinical trials of promising therapeutic strategies. The Foundation invites investigators to suggest and propose additional areas of critical need in biomarker development field with a particular focus on: 1) Novel Parkinson’s disease biomarker of discovery and development, or 2) Therapeutic biomarker discovery and development. Investigators may submit a Project Summary at any time and if selected will be invited to propose formal projects for funding consideration. Post-doctoral students or fellows are not eligible to apply as principal or co-principal investigators for this program. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Pollock-Krasner Grants
The Pollock-Krasner Foundation, Inc.
http://www.pkf.org/grant.html
Contact: http://www.pkf.org/contact.html
Solicitation number:
The dual criteria for grants are recognizable artistic merit and demonstrable financial need, whether professional, personal or both. The Foundation’s mission is to aid, internationally, those individuals who have worked as professional artists over a significant period of time. The Foundation welcomes, throughout the year, applications from visual artists who are painters, sculptors and artists who work on paper, including printmakers. There are no deadlines. Grants are intended for a one-year period of time. The size of the grant is determined by the individual circumstances of the artist. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
Funding for Readings and Workshops
Poets & Writers
http://www.pw.org/content/funding_readingsworkshops
Contact: 310/481-7195
Solicitation number:
Poets & Writers provides fees to writers who give readings or conduct writing workshops. Each year, our Readings/Workshops program supports hundreds of writers participating in events in large cities and small towns throughout New York and California. Grants for readings or spoken word performances range from $50 to $350. Grants for workshops range from $100 to $200 per session. Applicants are encouraged to apply more than eight weeks in advance of the event. Grants are awarded on a rolling basis.

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.

European Union 7th Framework Program for Research
European Commission
http://ec.europa.eu/research/participants/portal/page/fp7_calls
Contact: Varies with research interest
Solicitation number:
The European Commission supports a 7 billion euro research and development fund aimed at tackling the biggest societal challenges facing Europe and the world. Universities, research organizations, and industry will be among more than 16,000 funding recipients with special attention given to small and medium sized enterprises.

The Cooperation program supports all types of research and innovation activities carried out by different research bodies in transnational cooperation addressing the following themes: Health; Food, Agriculture and Fisheries, and Biotechnology; Information and Communication Technologies; Nanosciences, Nanotechnologies, Materials and new Production Technologies; Energy; Environment (including Climate Change); Transport (including Aeronautics); Socioeconomic Sciences and the Humanities; Space; and Security.

The Ideas program, implemented through the European Research Council (ERC), will boost Europe’s competitiveness by helping to attract and retain the most talented scientists, supporting risk-taking and high-impact research, and promoting world-class scientific research in new, fast emerging fields. Researchers may be from any country but must conduct research in the EU.

The People program offers individuals the opportunity to follow a career in research by facilitating outgoing and incoming fellowships between the EU and other countries and other training opportunities.

The Capacities program aims to optimize the use and development of research infrastructures through seven areas of funding: Research infrastructures; Research for the benefit of SMEs; Regions of knowledge and support for regional research-driven clusters; Research potential of Convergence Regions; Science in society; Support to the coherent development of research policies; and International co-operation.

Deadlines vary according to the funding program, starting from October 2011 through March 2012. (Note: due to the complexities of the European Union’s grant terms and conditions, please contact your Sponsored Projects Officer well in advance of the deadline)
Ongoing

**Swiss International Short Visits**

Swiss National Science Foundation

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

Contact: international@snf.ch

Solicitation number:

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

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Ongoing

**Humanities Program Grants**

The Gladys Krieble Delmas Foundation

[http://www.delmas.org/programs/humanities_d.html](http://www.delmas.org/programs/humanities_d.html)

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

Solicitation number:

The Foundation intends to further the humanities along a broad front, supporting projects which address the concerns of the historical studia humanitatis: a humanistic education rooted in the great traditions of the past; the formation of human beings according to cultural, moral, and aesthetic ideals derived from that past; and the ongoing debate over how these ideals may best be conceived and realized. Programs in the following areas are eligible: history; archaeology; literature; languages, both classical and modern; philosophy; ethics; comparative religion; the history; criticism, and theory of the arts; and those aspects of the social sciences which share the content and methods of humanistic disciplines. Inquiries are reviewed on an ongoing basis.

Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

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Ongoing

**Initiative on Philosophy in Educational Policy and Practice**

Spencer Foundation


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

Solicitation number:

As part of a new institutional initiative, the Spencer Foundation will make several awards of up to $40K for research projects in Philosophy as it relates to educational policy and practice. The foundation encourages applicants to understand educational policy and practice in broad terms, including issues that directly relate to K-12 schools and higher education institutions, but also concerning policies that influence children’s growth and development in the family and in other areas of social life including children’s upbringings, educational issues in family life and in the workplace, the educational effects of welfare policy. Research may range from the highly abstract to the highly applied. Proposals are accepted at any time. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

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Ongoing

**Aetna Foundation Grants**

Aetna Foundation


Contact:

Solicitation number:

The Aetna Foundation is dedicated to promoting wellness, health, and access to high-quality health care for everyone by funding grants in obesity research, racial and ethnic health care equity, and integrated health care. The application process is to first submit a Letter of Inquiry. This includes all types of funding requests: research, project, and policy grants. Letters are accepted on a rolling basis. Following review, applicants will be contacted for additional information, declined or invited to submit a full proposal. Awards typically range from $50K to $250K, but may be smaller when appropriate. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
Using Brain and Immune Imaging Innovations to Improve Human Health 2012 - Limited Submission

The Dana Foundation


Contact: 212/223-4040, grantsinfo@dana.org

Solicitation number:

The Dana Foundation’s imaging research program focuses on improving human brain and brain-immune functioning in health and disease. Funds support pilot-testing by investigators who are early in their research careers of promising but high-risk innovative ideas that have direct clinical application and that, when successful, are competitive for larger-scale support from other funders. This program, as in all Dana research programs, is oriented to the human. Submitted proposals, therefore, should focus on imaging in patients or patient tissues, and healthy volunteers. Grant amounts may be up to $200K total, payable over three years. This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.

Western States Affiliate Innovative Science Award

American Heart Association

http://my.americanheart.org/professional/Research/FundingOpportunities/ForScientists/Western-States-Affiliate-Innovative-Sci

Contact: 800/242-8721

Solicitation number:

This one-time grant award is for projects that support the initiation of highly innovative, high-risk, high-reward research that is, or could lead to, translational research and could ultimately lead to critical discoveries or major advancements that will accelerate the field of cardiovascular and stroke research. Research should be broadly related to cardiovascular function and disease and stroke, or to related clinical, basic science, bioengineering or biotechnology, and public health problems, including multidisciplinary efforts. The total award amount is $200K per year for two years, with a competitive, conditional third year.

Collaboration Grants for Mathematicians

The Simons Foundation

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

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

Solicitation number:

The Simons Foundation invites applications for grants to mathematicians primarily for collaboration and travel. Grants of $5K per year provide support for travel by the grantee or the grantee's students or postdocs for collaboration or to conferences and meetings; invitations to collaborators to visit and/or lecture at the grantee's home institution; and up to $1K per year may be spent on related research needs such as computers or computer support, publications, etc. The duration of the grants will be five years. The Simons Foundation will pay an additional $1K per year in indirect costs. Grantees must be in a tenure-track or tenured position, or be a professor emeritus, have a current record of active research and publication in high-quality journals, and NOT currently have other significant sources of research funding. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

ATA Research Grants

American Thyroid Association (ATA)


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

Solicitation number:

ATA supports new investigator initiated research projects in the area of thyroid function and disease. Topics may include, but are not limited to, Thyroid Autoimmunity, Iodine Uptake and Metabolism, Thyroid Cancer, Medullary Thyroid Cancer, Clinical Disorders of Thyroid Function, Thyroid Hormone Action and Metabolism, Thyroid Imaging, Thyroid Nodules and Goiter, Thyroid Development and the Brain. Research awards are intended to assist new investigators in obtaining preliminary data for submission of a more substantial application. Research grants, up to $25K annually, will be awarded for two-year terms based on performance during the first year of funding.
Research Associateship Programs
National Academy of Sciences
http://sites.nationalacademies.org/PGA/RAP/PGA_050491
Contact: 202/334-2760, rap@nas.edu
Solicitation number:
The National Research Council provides Research Associateships at participating federal laboratories and research organizations to outstanding scientists and engineers at the postdoctoral and senior level. Applicants select an appropriate laboratory and submit a research plan that relates to the specific opportunity at the sponsoring lab. Selected associates receive a stipend and usually spend a year as a guest investigator. Note that not all sponsors participate in all four review deadlines. Applicants should refer to the specific information for the laboratory to which they are applying.

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

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

Early Career Research Grant Program
W.E. Upjohn Institute for Employment Research
Contact: communications@upjohn.org
Solicitation number:
These grants are intended to provide resources to junior faculty (untenured and within six years of earning the Phd) to carry out policy-related research on labor market issues. The Institute supports and encourages research on all issues related to labor markets and is especially interested in topics related to the recent recession and current recovery. The maximum funding is $5K.
Partner University Fund (PUF)
French American Cultural Exchange
http://facecouncil.org/puf/application/guidelines/

Contact: 202/944-6580

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

AAF Award
American Asthma Foundation
http://www.americanasthmafoundation.org/grants/

Contact: Valerie Dougherty, vdougherty@americanasthma.org

Solicitation number:
The American Asthma Foundation is looking for highly original thinking from investigators willing to step away from their current areas of research to tackle the asthma epidemic. The foundation wants researchers to translate their know-how and skills into asthma research. The Senior Investigator Award is $250K per year for three years and the Early Excellence Award is $150K per year for three years.

Tensor Women and Mathematics Grants
Mathematical Association of America
http://www.maa.org/wam/tensor.html

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

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

Young Investigator Grant for Probiotics Research
Probiotics Research Grant Program
http://www.probioticsresearch.com/grantprogram.asp

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

Solicitation number:
The purpose of these grants is to contribute to the advancement of probiotics and gastrointestinal microbiota research in the United States. The research focus for 2012 is on the role of probiotics and gastrointestinal microbiota in health and wellness. Young investigators who are senior fellows with a committed faculty appointment or early faculty members within five consecutive years of their first faculty appointment in the US are eligible to apply. The annual grant amount is $50K per grant recipient with no more than 10% of this amount dedicated to overhead costs. Two grants will be funded per year.
Title VIII National Research Competition
National Council for Eurasian and East European Research
http://www.nceeer.org/programs/national-research-competition.html
Contact: 206/829-2445, info@nceeer.org
Solicitation number:
This competition provides funds for both collaborative and individual research projects in the humanities and social sciences in or on any country of Eurasia or East-Central Europe. The primary scholar on either a collaborative or individual project must be a US citizen and hold a PhD degree. Research Contracts support collaborative projects involving multiple post-doctoral scholars, or individuals with comparable research skills who do not hold PhDs, including one US-citizen scholar or researcher with a maximum of $70K. Research Grants support research projects conducted by individual US citizens, with a maximum award of $40K.

Coplon Grants
Satellite Healthcare
http://www.satellitehealth.com/about_satellite/philanthropy/coplon_grants/
Contact: CoplonGrants@SatelliteHealth.com
Solicitation number:
Coplon Grants empower young promising researchers to seek ways to improve kidney health. Approximately a third of the grants are given for basic scientific renal research. The remaining grants are given for applied scientific renal research that can also be used in clinical practice today. These grants fund worthwhile proposals from passionate researchers early in their careers (associate professor or below).

Production and Presentation Grants
Graham Foundation
http://www.grahamfoundation.org/grant_programs?mode=organization
Contact: 312/787-4071, info@grahamfoundation.org
Solicitation number:
These grants are offered to organizations to assist with the production-related expenses that are necessary to take projects such as publications, exhibitions, installations, conferences/lectures, films, new media projects, and other public programs, from conceptualization to realization and public presentation. The Foundation is most interested in opportunities which enable us to provide critical support at key points in the development of a project or career. Projects of the greatest potential will have originality, potential for impact, and feasibility. These grants do not exceed $30K over a maximum period of two years. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

Monticello College Foundation Grants
The Monticello College Foundation
http://monticellofound.org/grants.cfm
Contact: 618/468-2370
Solicitation number:
To be eligible, a project must have the potential to make a genuine, effective contribution to the advancement of education for women. Where applicable, the grant recipient should be able to assure continuance of a successful project after the termination of the grant. Professional educational associations, agencies servicing women’s education, and all accredited degree-granting two and four-year colleges and universities are eligible to apply for grants.
EIF Grants
Engineering Information Foundation
http://www.eifgrants.org/info/index.html
Contact:  212/579-7596, info@eifgrants.org

Solicitation number:
EIF’s grant activity supports developmental projects, instructional projects, and training programs in engineering education and research that fit our fields of interest. These currently include the availability and use of published information, women in engineering, and information access in developing countries. Award amount requests should be between $5K and $25K. Projects should be innovative, promote significant and lasting change, and be able to be successfully replicated elsewhere.

3/1/2012  Full Proposal

AERA Research Grants
American Educational Research Association (AERA)
http://www.aera.net/grantsprogram/res_training/res_grants/RGFly.html
Contact: grantsprogram@aera.net

Solicitation number:
AERA invites education-related research proposals using NCES, NSF, and other federal data bases. Applications are encouraged from a variety of disciplines, such as but not limited to, education, sociology, economics, psychology, demography, statistics, and psychometrics. Applicants are encouraged to submit proposals that: develop or benefit from new quantitative measures or methodological approaches for addressing education issues; include interdisciplinary teams with subject matter expertise, especially when studying science, technology, engineering and mathematics (STEM) learning; analyze TIMSS, PISA, or other international data resources; and include the integration and analysis of more than one data set. Awards are up to $20K for one-year projects, or up to $35K for two-year projects.

3/1/2012  Application

Phillips Fund Grant for Native American Research
American Philosophical Society
http://www.amphilsoc.org/print/167
Contact:  Linda Musumeci, 215/440-3429, LMusumeci@amphilsoc.org

Solicitation number:
These grants are for research in Native American linguistics, ethnohistory, and the history of studies of Native Americans, in the continental United States and Canada. Grants are not made for projects in archaeology, ethnography, psycholinguistics, or for the preparation of pedagogical materials. The committee distinguishes ethnohistory from contemporary ethnography as the study of cultures and culture change through time. The grants are intended for such costs as travel, tapes, films, and consultants’ fees but not for the purchase of books or permanent equipment. The committee prefers to support the work of younger scholars who have received the doctorate. Applications are also accepted from graduate students for research on masters theses or doctoral dissertations. The average award is about $2,500; grants do not exceed $3,500.

3/1/2012  Application

Wayne F. Placek Grants
American Psychological Foundation
Contact:  Parie Kadir, pkadir@apa.org

Solicitation number:
These grants encourage research to increase the general public’s understanding of homosexuality and sexual orientation, and to alleviate the stress that lesbian women, gay men, bisexual men and women, and transgendered people experience in this and future civilizations. Research is encouraged that addresses: heterosexuals’ attitudes and behaviors toward lesbian, gay, bisexual, and transgndered (LGBT) people; family and workplace issues relevant to LGBT people; and special concerns of sectors of the LGBT population that have historically been underrepresented in scientific research. Two $15K grants are available annually. Graduate students and early career researchers are encouraged to apply.
Creative Capital is interested in artists who demonstrate bold, inventive, and singular ideas in project form and content, are deeply engaged with and rigorously committed to their art form, have potential for significant artistic and cultural impact, and understand the professional landscape of their field. To be eligible, an artist must be a U.S. citizen or permanent legal resident, at least 25 years old, and a working artist with at least five years of professional experience. This year, Creative Capital will support approximately 23 projects in Performing Arts, 16 projects in Emerging Fields, and six projects in Literature at initial levels of $10K each. Including follow-up monetary support, a project may receive as much as $50K in direct financial support during the life cycle of the award, with the average amount closer to $35K.

The American Alpine Club is able to support modest requests to assist scientific research projects within the scope of the AAC's charter. Applications are considered in terms of their scientific or technical quality and contribution to scientific endeavor germane to mountain regions. Grants are in the $200 to $1K range.

All proposals must be submitted by an institutional entity and be geographically focused on Latin America. Topically, the projects should address one of the following categories: Democratic governance with growth and security; Sustainable resource management; and Education. The Foundation has an additional interest in projects that explore U.S. policy toward Latin America and those that undertake scientific research or address policy and governance issues relating to Antarctica. Funds for these latter areas are more limited. Submission of a brief letter of inquiry is encouraged.

The objectives of the GoMRI are to investigate the impacts of the oil, dispersed oil, and dispersant on the ecosystems of the Gulf of Mexico and affected Gulf Coastal States in a broad context of improving fundamental understanding of the dynamics of such events, the associated environmental stresses, and the public health implications. This RFP-II requests proposals from individual investigators or collaborative efforts involving a PI and up to three co-PIs from up to three additional institutions and will fund activities for 1 to 3 years in duration. Funding for each approved proposal is expected to be between $100K and $1M per year.
Scholar Award in Complex Systems
James S. McDonnell Foundation
http://www.jsmf.org/programs/cs/
Contact: info@jsmf.org
Solicitation number:
While the program’s emphasis is on the development and application of the theory and tools used in the study of complex research questions and not on particular fields of research per se, JSMF is particularly interested in projects attempting to apply complex systems approaches to coherently articulated questions. Proposals intending to apply complex system tools and models to problems where such approaches are not yet considered usual or mainstream are appropriate. The award is for principal investigators between 5 and 15 years post-PhD and amounts to $550K over six years.

UC and State of California

California Wellness Grants
California Wellness Foundation
http://www.calwellness.org/how_to_apply/
Contact: 818/702-1900
Solicitation number:
The Foundation supports organizations working to improve the health of underserved communities in California. The following health issues are prioritized: Diversity in the Health Professions; Environmental Health; Healthy Aging; Mental Health; Teenage Pregnancy Prevention; Violence Prevention; Women’s Health; and Work and Health. While project funding requests are accepted, requests for core operating support are particularly encouraged. An organization must first write a one- or two-page letter of interest.

Minor Funding
Coastal Fund
http://spf.as.ucsb.edu/minorfund.php
Contact: 805/893-5166, coastalfund@gmail.com
Solicitation number:
The Coastal Fund (CF) is created and funded by the students at the UCSB in order to preserve and enhance the ecological integrity of the coastal habitats at the University. This application is intended for proposals seeking under $1K. This application has no deadline and is designed to be much more basic to complete. Applications are accepted each academic quarter up until week 8.

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

Center for U.S.-Mexican Studies

http://usmex.ucsd.edu/programs/call-visiting-fellows-program.htm

Contact: Greg Mallinger, 858/822-1696, gmallinger@ucsd.edu

Solicitation number:

Visiting Fellows are expected to be PhD candidates who are ABD and have completed a substantial portion of their dissertations. The majority of fellowship awards are for residential periods between four and nine months in duration. Priority will be given to proposals on social policy, public health, discrimination and poverty, although the Center will consider supporting research in other more general studies. Comparative studies with a substantial Mexico component are especially encouraged as well as proposals from groups of two or more scholars working on a common project.

Community Research Collaborations

California Breast Cancer Research Program

http://www.cbcrc.org/apply/call/

Contact: Senaida Fernandez, 888/313-2277, crcinfo@cabreastcancer.org

Solicitation number:

The Community Research Collaboration (CRC) awards fund community organizations—such as a breast cancer advocacy organizations, community clinics, and other organizations serving women with breast cancer—to work in teams with well-trained, experienced research scientists. Two CRC funding mechanisms are available: The CRC Pilot award supports the initial phase of the project, which includes strengthening collaborations, developing feasible methods and tools, and collecting pilot data. Awards are for 18 months maximum with a budget cap of $150K direct costs. The CRC Full award funds projects with a fully developed research plan and supporting preliminary data, carried out by a well-integrated, experienced team of scientists and community members. Awards are for three years maximum with a budget cap of $600K direct costs.

UCIRA Major Grants Program

UC Institute for Research in the Arts (UCIRA)

http://www.ucira.ucsb.edu/ucira-major-grants-program/

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

Solicitation number:

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

University of California - Historically Black Colleges and Universities Initiative

University of California


Contact: gradstudies@ucop.edu

Solicitation number:

This initiative encourages faculty and departments to develop ongoing relationships with their counterparts at Historically Black Colleges and Universities (HBCUs) that will aid or complement their own research interests. There are two types of awards: 1) Summer Research Internship Support Grant, which is a one-year grant to support HBCU students who will conduct summer research at a UC campus, and 2) Summer Research and Graduate Admission Pathways Grant, which is a three-year grant to support students conducting research at a UC campus in 2013 as well as students in 2014 and 2015. Applicants must be Academic Senate Faculty in any discipline at any of the ten UCs. Generally, awards will range from $8.5K to $55K per year of support.
Greater Good - The Science of a Meaningful Life
Greater Good Science Center
http://greatergood.berkeley.edu/expandinggratitude/rfp/
Contact: Gratitude@Berkeley.edu, 510/642-2490

Solicitation number:
The first component of this project is a $3M research initiative to expand the scientific understanding of gratitude, particularly in the key areas of health and well-being, developmental science, and social relationships. Letters of intent proposing research on gratitude in the human sciences may be submitted. This initiative is particularly interested in four key areas of gratitude research: 1) gratitude and health; 2) the development of gratitude; 3) gratitude in social contexts; and 4) the practice of gratitude. Up to 13 grants, not to exceed $3M, will be awarded in this competition.

Grants for Collaborative Projects
UC Institute for Mexico and the United States (UC MEXUS)
http://www.ucmexus.ucr.edu/funding/grant_collaborative.html
Contact: Andrea Kaus, 951/827-3586, andrea.kaus@ucr.edu

Solicitation number:
This program provides seed funding to teams of UC and Mexican researchers with beginning projects in basic and applied collaborative research, instructional development, and public service and education projects that apply research to public issues. The primary objective of the program is to enable the establishment of new collaborative initiatives with the potential for creating permanent ties between UC campuses and Mexican institutions that will grow and continue with the support of other institutional and extramural funds. Each proposal must be co-directed by an eligible PI from a UC campus and an eligible PI from a Mexican institution that is part of the Registro Nacional de Instituciones y Empresas Científicas y Tecnológicas. Awards of up to $25K will be provided for the maximum period of 18 months.

UCCSC Grants
University of California Humanities Research Institute (UCHRI)
http://californiastudies.org/Funding/
Contact: Suedine Nakano, snakano@hri.uci.edu

Solicitation number:
The UC California Studies Consortium (UCCSC) supports collaborative research by UC faculty, graduate students, and their colleagues at other institutions as part of a University-wide California Studies research initiative for the humanities, arts and social sciences. Regional Seminars and Research Workgroups invites proposals centering on new or evolving themes that will map out new regions of critical California Studies. Community Outreach and Teaching Grants will support faculty projects that focus mainly on questions relevant to California and its rapidly changing social and cultural demography. A deliverable for all projects will be website curriculum content focused on teaching critical California studies. Systemwide Workshops invites proposals for a series of system-wide faculty workshops throughout the coming academic year. Submissions should be based on a clear theme relating to California Studies in a global context and open to different disciplinary approaches. The maximum respective funding amounts are $5K, $7.5K, and $10K, and each award has a minimum cost sharing requirement ratio of 1:2.

UCHRI Working Groups
University of California Humanities Research Institute (UCHRI)
http://www.uchri.org/page-no-cat.php?page_id=1409
Contact: Suedine Nakano, snakano@hri.uci.edu

Solicitation number:
Working Groups will provide financial and technological resources for UC faculty to support research collaboration and communication within the extended range of humanities disciplines. Working Groups are designed to catalyze collaboration between individuals from different disciplines, locations, and campuses around a specific problem, theme, object or topic. A Working Group may consist of 5 to 15 people who will collaborate over one academic year to address a clearly defined timely issue or early stage of research on an emergent topic in the humanities. Grants of up to $10K will be awarded.
UC Working Groups on the Humanities and Changing Conceptions of Work 2012-13

University of California Humanities Research Institute (UCHRI)

http://uchumanitiesnetwork.org/Funding/Humanities-Work-Working-Groups.php

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

Solicitation number:

On behalf of the University of California Humanities Network, UCHRI invites proposals for Working Groups on the Humanities and Changing Conceptions of Work, to be held during the 2012-13 academic year. Working Groups are designed to catalyze collaboration between individuals from different disciplines, locations, and UC campuses around a specific problem, theme, object or topic within the larger theme of the humanities and changing conceptions of work. Working Groups should include a UC faculty PI (must be tenure track) and 4 to 8 other UC faculty participants from at least two UC campuses. Up to four Working Groups will be funded at a maximum of $25K per group.

UC Multicampus Research Groups (MRGs) in the Humanities

UC Humanities Network

http://uchumanitiesnetwork.org/Funding/MRGS.php

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

Solicitation number:

Multicampus Research Group (MRG) funds will support long-term collaborative research at any stage of development by UC faculty and advanced graduate students. MRGs may be interdisciplinary or focused on a traditional discipline, but should engage significant research questions and push the frontiers of knowledge production in the humanities or between the humanities and other fields or modes of inquiry. Successful proposals will include faculty from at least two but preferably three or more UC campuses. The maximum award amount is $35K for two years, plus up to $10K for a one-year renewal conditional on ongoing activity.

Daryl and Marguerite Errett Discovery Award in Biomedical Research

UC Santa Barbara

http://engineering.ucsb.edu/pdf/2012_Errett_Discovery_Award_RFA.pdf

Contact: Michelle Veal, 805/893-3456, Michelle@icb.ucsb.edu

Solicitation number:

All laboratory heads at UCSB are invited to nominate their most outstanding postdoctoral fellows or research professionals, with a focus on researchers who are leading efforts in biomedical research. This award provides seed funding to outstanding scientists and engineers who seek to conduct risk-taking research that might not yet qualify for traditional sources of funding from agencies like NIH. The funds awarded may be used by the young scientist for any costs associated with the proposed project including salary, research supplies and access to equipment and instrumentation. The total budget can be up to $50K.